



LDAP Schema Reference

/ Directory Services 7

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Abstract

Human-readable, hyperlinked view of the default directory schema.



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Table of Contents

About This Reference	xxxi
1. Attribute Types	1
aci	35
aclRights	36
aclRightsInfo	36
administratorsAddress	37
aliasedObjectName	37
alive	38
altServer	38
aRecord	39
assignedDashboard	39
associatedDomain	40
associatedName	40
attributeMap	41
attributeTypes	41
audio	42
authenticationMethod	42
authorityRevocationList	43
authPassword	43
automountInformation	44
automountKey	44
automountMapName	45
bindTimeLimit	45
blockInheritance	46
bootFile	46
bootParameter	47
buildingName	47
businessCategory	48
c-FacsimileTelephoneNumber	48
c-InternationalISDNNumber	49
c-l	49
c-o	50
c-ou	50
c-PhysicalDeliveryOfficeName	51
c-PostalAddress	51
c-PostalCode	52
c-PostOfficeBox	52
c-st	53
c-street	53
c-TelephoneNumber	54
c-TelexNumber	54
c	55
cACertificate	55
calCalAdrURI	56

calCalURI	57
calCAPURI	57
calFBURL	58
calOtherCalAdrURIs	58
calOtherCalURIs	59
calOtherCAPURIs	59
calOtherFBURLs	60
carLicense	60
certificateRevocationList	61
changeInitiatorsName	61
changelog	62
changeLogCookie	62
changeNumber	63
changes	64
changeTime	64
changeType	65
cn	65
cNAMERecord	66
co	67
collectiveAttributeSubentries	67
collectiveConflictBehavior	68
collectiveExclusions	68
corbaIor	69
corbaRepositoryId	69
coreTokenDate01	70
coreTokenDate02	71
coreTokenDate03	71
coreTokenDate04	72
coreTokenDate05	72
coreTokenExpirationDate	73
coreTokenId	73
coreTokenInteger01	74
coreTokenInteger02	74
coreTokenInteger03	75
coreTokenInteger04	75
coreTokenInteger05	76
coreTokenInteger06	76
coreTokenInteger07	77
coreTokenInteger08	77
coreTokenInteger09	78
coreTokenInteger10	78
coreTokenMultiString01	79
coreTokenMultiString02	79
coreTokenMultiString03	80
coreTokenObject	80
coreTokenString01	81
coreTokenString02	81

coreTokenString03	82
coreTokenString04	82
coreTokenString05	83
coreTokenString06	84
coreTokenString07	84
coreTokenString08	85
coreTokenString09	85
coreTokenString10	86
coreTokenString11	86
coreTokenString12	87
coreTokenString13	87
coreTokenString14	88
coreTokenString15	88
coreTokenTtlDate	89
coreTokenType	89
coreTokenUserId	90
createTimestamp	90
creatorsName	91
credentialLevel	91
crossCertificatePair	92
dc	92
defaultSearchBase	93
defaultSearchScope	93
defaultServerList	94
deleteOldRDN	94
deltaRevocationList	95
departmentNumber	95
dereferenceAliases	96
description	96
destinationIndicator	97
devicePrintProfiles	98
deviceProfiles	98
displayName	99
distinguishedName	99
dITContentRules	100
dITRedirect	100
dITStructureRules	101
dmdName	101
dnQualifier	102
documentAuthor	102
documentIdentifier	103
documentLocation	103
documentPublisher	104
documentTitle	104
documentVersion	105
drink	105
ds-certificate-fingerprint	106

ds-certificate-issuer-dn	106
ds-certificate-subject-dn	107
ds-mon-abandoned-requests	107
ds-mon-active-connections-count	108
ds-mon-active-persistent-searches	108
ds-mon-admin-hostport	109
ds-mon-alias	109
ds-mon-alive-errors	110
ds-mon-alive	110
ds-mon-backend-degraded-index-count	111
ds-mon-backend-degraded-index	111
ds-mon-backend-entry-count	112
ds-mon-backend-filter-use-indexed	112
ds-mon-backend-filter-use-start-time	113
ds-mon-backend-filter-use-unindexed	113
ds-mon-backend-filter-use	114
ds-mon-backend-is-private	114
ds-mon-backend-proxy-base-dn	115
ds-mon-backend-proxy-shard	115
ds-mon-backend-ttl-entries-deleted	116
ds-mon-backend-ttl-is-running	116
ds-mon-backend-ttl-last-run-time	116
ds-mon-backend-ttl-queue-size	117
ds-mon-backend-ttl-thread-count	117
ds-mon-backend-writability-mode	118
ds-mon-base-dn-entry-count	118
ds-mon-base-dn	119
ds-mon-build-number	119
ds-mon-build-time	120
ds-mon-bytes-read	120
ds-mon-bytes-written	121
ds-mon-cache-entry-count	121
ds-mon-cache-max-entry-count	122
ds-mon-cache-max-size-bytes	122
ds-mon-cache-misses	123
ds-mon-cache-total-tries	123
ds-mon-certificate-expires-at	124
ds-mon-certificate-issuer-dn	124
ds-mon-certificate-serial-number	125
ds-mon-certificate-subject-dn	125
ds-mon-changelog-hostport	126
ds-mon-changelog-id	126
ds-mon-changelog-purge-delay	127
ds-mon-compact-version	127
ds-mon-config-dn	128
ds-mon-connected-to-server-hostport	128
ds-mon-connected-to-server-id	129

ds-mon-connection	129
ds-mon-connections	130
ds-mon-current-connections	130
ds-mon-current-receive-window	131
ds-mon-current-time	131
ds-mon-db-cache-evict-internal-nodes-count	132
ds-mon-db-cache-evict-leaf-nodes-count	132
ds-mon-db-cache-leaf-nodes	133
ds-mon-db-cache-misses-internal-nodes	133
ds-mon-db-cache-misses-leaf-nodes	133
ds-mon-db-cache-size-active	134
ds-mon-db-cache-size-total	134
ds-mon-db-cache-total-tries-internal-nodes	135
ds-mon-db-cache-total-tries-leaf-nodes	135
ds-mon-db-checkpoint-count	136
ds-mon-db-log-cleaner-file-deletion-count	136
ds-mon-db-log-files-open	137
ds-mon-db-log-files-opened	137
ds-mon-db-log-size-active	138
ds-mon-db-log-size-total	138
ds-mon-db-log-utilization-max	139
ds-mon-db-log-utilization-min	139
ds-mon-db-version	140
ds-mon-disk-dir	140
ds-mon-disk-free	141
ds-mon-disk-full-threshold	141
ds-mon-disk-low-threshold	142
ds-mon-disk-root	142
ds-mon-disk-state	143
ds-mon-domain-generation-id	143
ds-mon-domain-name	144
ds-mon-entries-awaiting-updates-count	144
ds-mon-fix-ids	145
ds-mon-full-version	145
ds-mon-group-id	146
ds-mon-healthy-errors	146
ds-mon-healthy	147
ds-mon-install-path	147
ds-mon-instance-path	148
ds-mon-jvm-architecture	148
ds-mon-jvm-arguments	149
ds-mon-jvm-available-cpus	149
ds-mon-jvm-class-path	150
ds-mon-jvm-classes-loaded	150
ds-mon-jvm-classes-unloaded	151
ds-mon-jvm-java-home	151
ds-mon-jvm-java-vendor	152

ds-mon-jvm-java-version	152
ds-mon-jvm-memory-heap-init	153
ds-mon-jvm-memory-heap-max	153
ds-mon-jvm-memory-heap-reserved	154
ds-mon-jvm-memory-heap-used	154
ds-mon-jvm-memory-init	155
ds-mon-jvm-memory-max	155
ds-mon-jvm-memory-non-heap-init	156
ds-mon-jvm-memory-non-heap-max	156
ds-mon-jvm-memory-non-heap-reserved	157
ds-mon-jvm-memory-non-heap-used	157
ds-mon-jvm-memory-reserved	158
ds-mon-jvm-memory-used	158
ds-mon-jvm-supported-tls-ciphers	159
ds-mon-jvm-supported-tls-protocols	159
ds-mon-jvm-threads-blocked-count	160
ds-mon-jvm-threads-count	160
ds-mon-jvm-threads-daemon-count	161
ds-mon-jvm-threads-deadlock-count	161
ds-mon-jvm-threads-deadlocks	162
ds-mon-jvm-threads-new-count	162
ds-mon-jvm-threads-runnable-count	163
ds-mon-jvm-threads-terminated-count	163
ds-mon-jvm-threads-timed-waiting-count	164
ds-mon-jvm-threads-waiting-count	164
ds-mon-jvm-vendor	165
ds-mon-jvm-version	165
ds-mon-last-seen	166
ds-mon-ldap-hostport	166
ds-mon-ldap-starttls-hostport	167
ds-mon-ldaps-hostport	167
ds-mon-listen-address	168
ds-mon-lost-connections	168
ds-mon-major-version	169
ds-mon-max-connections	169
ds-mon-minor-version	170
ds-mon-newest-change-number	170
ds-mon-newest-csn-timestamp	171
ds-mon-newest-csn	171
ds-mon-oldest-change-number	172
ds-mon-oldest-csn-timestamp	172
ds-mon-oldest-csn	173
ds-mon-os-architecture	173
ds-mon-os-name	174
ds-mon-os-version	174
ds-mon-point-version	175
ds-mon-process-id	175

ds-mon-product-name	176
ds-mon-protocol	176
ds-mon-receive-delay	177
ds-mon-replay-delay	177
ds-mon-replayed-updates-conflicts-resolved	178
ds-mon-replayed-updates-conflicts-unresolved	178
ds-mon-replayed-updates	179
ds-mon-replication-domain	179
ds-mon-replication-protocol-version	180
ds-mon-requests-abandon	180
ds-mon-requests-add	181
ds-mon-requests-bind	181
ds-mon-requests-compare	182
ds-mon-requests-delete	182
ds-mon-requests-extended	182
ds-mon-requests-failure-client-invalid-request	183
ds-mon-requests-failure-client-redirect	183
ds-mon-requests-failure-client-referral	184
ds-mon-requests-failure-client-resource-limit	184
ds-mon-requests-failure-client-security	185
ds-mon-requests-failure-server	185
ds-mon-requests-failure-uncategorized	186
ds-mon-requests-get	186
ds-mon-requests-in-queue	187
ds-mon-requests-modify-dn	187
ds-mon-requests-modify	188
ds-mon-requests-patch	188
ds-mon-requests-post	189
ds-mon-requests-put	189
ds-mon-requests-rejected-queue-full	190
ds-mon-requests-search-base	190
ds-mon-requests-search-one	191
ds-mon-requests-search-sub	191
ds-mon-requests-submitted	192
ds-mon-requests-unbind	192
ds-mon-requests-uncategorized	192
ds-mon-revision	193
ds-mon-sent-updates	193
ds-mon-server-id	194
ds-mon-server-is-local	194
ds-mon-server-state	195
ds-mon-short-name	195
ds-mon-ssl-encryption	196
ds-mon-start-time	196
ds-mon-status-last-changed	197
ds-mon-status	197
ds-mon-system-name	198

ds-mon-total-connections	198
ds-mon-total-update-entry-count	199
ds-mon-total-update-entry-left	199
ds-mon-total-update	200
ds-mon-updates-inbound-queue	200
ds-mon-updates-outbound-queue	201
ds-mon-updates-totals-per-replay-thread	201
ds-mon-vendor-name	202
ds-mon-version-qualifier	202
ds-mon-working-directory	203
ds-private-naming-contexts	203
ds-privilege-name	204
ds-pwp-account-disabled	204
ds-pwp-account-expiration-time	205
ds-pwp-account-status-notification-handler	205
ds-pwp-allow-expired-password-changes	206
ds-pwp-allow-multiple-password-values	206
ds-pwp-allow-pre-encoded-passwords	206
ds-pwp-allow-user-password-changes	207
ds-pwp-attribute-value-check-substrings	207
ds-pwp-attribute-value-match-attribute	208
ds-pwp-attribute-value-min-substring-length	208
ds-pwp-attribute-value-test-reversed-password	209
ds-pwp-character-set-allow-unclassified-characters	209
ds-pwp-character-set-character-set-ranges	209
ds-pwp-character-set-character-set	210
ds-pwp-character-set-min-character-sets	210
ds-pwp-default-password-storage-scheme	211
ds-pwp-deprecated-password-storage-scheme	211
ds-pwp-dictionary-case-sensitive-validation	212
ds-pwp-dictionary-check-substrings	212
ds-pwp-dictionary-data	212
ds-pwp-dictionary-min-substring-length	213
ds-pwp-dictionary-test-reversed-password	213
ds-pwp-expire-passwords-without-warning	214
ds-pwp-force-change-on-add	214
ds-pwp-force-change-on-reset	215
ds-pwp-grace-login-count	215
ds-pwp-idle-lockout-interval	215
ds-pwp-last-login-time-attribute	216
ds-pwp-last-login-time-format	216
ds-pwp-last-login-time	217
ds-pwp-length-based-max-password-length	217
ds-pwp-length-based-min-password-length	218
ds-pwp-lockout-duration	218
ds-pwp-lockout-failure-count	219
ds-pwp-lockout-failure-expiration-interval	219

ds-pwp-max-password-age	220
ds-pwp-max-password-reset-age	220
ds-pwp-min-password-age	221
ds-pwp-password-attribute	221
ds-pwp-password-change-requires-current-password	221
ds-pwp-password-changed-by-required-time	222
ds-pwp-password-expiration-time	222
ds-pwp-password-expiration-warning-interval	223
ds-pwp-password-history-count	223
ds-pwp-password-history-duration	224
ds-pwp-password-policy-dn	224
ds-pwp-previous-last-login-time-format	225
ds-pwp-random-password-character-set	225
ds-pwp-random-password-format	226
ds-pwp-repeated-characters-case-sensitive-validation	226
ds-pwp-repeated-characters-max-consecutive-length	226
ds-pwp-require-change-by-time	227
ds-pwp-require-secure-authentication	227
ds-pwp-require-secure-password-changes	228
ds-pwp-reset-time	228
ds-pwp-similarity-based-min-password-difference	229
ds-pwp-skip-validation-for-administrators	229
ds-pwp-state-update-failure-policy	229
ds-pwp-unique-characters-case-sensitive-validation	230
ds-pwp-unique-characters-min-unique-characters	230
ds-pwp-warned-time	231
ds-rlim-cursor-entry-limit	231
ds-rlim-idle-time-limit	232
ds-rlim-lookthrough-limit	232
ds-rlim-size-limit	233
ds-rlim-time-limit	233
ds-sync-conflict	234
ds-sync-fractional-exclude	234
ds-sync-fractional-include	234
ds-sync-generation-id	235
ds-sync-hist	235
ds-sync-state	236
ds-target-group-dn	236
dSAQuality	237
emailAddress	237
employeeNumber	238
employeeType	238
enhancedSearchGuide	239
entryDN	239
entryUUID	240
etag	240
facsimileTelephoneNumber	241

firstChangeNumber	241
followReferrals	242
fr-idm-accountStatus	242
fr-idm-cluster-json	243
fr-idm-condition	243
fr-idm-consentedMapping	244
fr-idm-custom-attrs	244
fr-idm-effectiveAssignment	245
fr-idm-effectiveRole	245
fr-idm-internal-role-authzmembers-internal-user	246
fr-idm-internal-role-authzmembers-managed-user	246
fr-idm-internal-user-authzroles-internal-role	247
fr-idm-internal-user-authzroles-managed-role	247
fr-idm-json	248
fr-idm-kbaInfo	248
fr-idm-lastSync	248
fr-idm-link-firstid-constraint	249
fr-idm-link-firstid	249
fr-idm-link-qualifier	250
fr-idm-link-secondid-constraint	250
fr-idm-link-secondid	251
fr-idm-link-type	251
fr-idm-lock-nodeid	252
fr-idm-managed-assignment-json	252
fr-idm-managed-role-assignments	253
fr-idm-managed-role-json	253
fr-idm-managed-user-authzroles-internal-role	254
fr-idm-managed-user-authzroles-managed-role	254
fr-idm-managed-user-custom-attrs	255
fr-idm-managed-user-json	255
fr-idm-managed-user-manager	256
fr-idm-managed-user-meta	256
fr-idm-managed-user-notifications	257
fr-idm-managed-user-roles	257
fr-idm-name	258
fr-idm-notification-json	258
fr-idm-password	259
fr-idm-preferences	259
fr-idm-privilege	259
fr-idm-recon-id	260
fr-idm-recon-targetIds	260
fr-idm-reconassoc-finishtime	261
fr-idm-reconassoc-isanalysis	261
fr-idm-reconassoc-mapping	262
fr-idm-reconassoc-reconid	262
fr-idm-reconassoc-sourceresourcecollection	263
fr-idm-reconassoc-targetresourcecollection	263

fr-idm-reconassocentry-action	264
fr-idm-reconassocentry-ambiguoustargetobjectids	264
fr-idm-reconassocentry-exception	265
fr-idm-reconassocentry-linkqualifier	265
fr-idm-reconassocentry-message	266
fr-idm-reconassocentry-messagedetail	266
fr-idm-reconassocentry-phase	267
fr-idm-reconassocentry-reconid	267
fr-idm-reconassocentry-situation	268
fr-idm-reconassocentry-sourceobjectid	268
fr-idm-reconassocentry-status	269
fr-idm-reconassocentry-targetobjectid	269
fr-idm-relationship-json	270
fr-idm-role	270
fr-idm-syncqueue-context	270
fr-idm-syncqueue-createdate	271
fr-idm-syncqueue-mapping	271
fr-idm-syncqueue-newobject	272
fr-idm-syncqueue-nodeid	272
fr-idm-syncqueue-objectrev	273
fr-idm-syncqueue-oldobject	273
fr-idm-syncqueue-remainingretries	274
fr-idm-syncqueue-resourcecollection	274
fr-idm-syncqueue-resourceid	275
fr-idm-syncqueue-state	275
fr-idm-syncqueue-syncaction	276
fr-idm-temporal-constraints	276
fr-idm-uuid	277
fullVendorVersion	277
gecos	278
generationQualifier	278
gidNumber	279
givenName	279
governingStructureRule	280
hasSubordinates	280
healthy	280
homeDirectory	281
homePhone	281
homePostalAddress	282
host	282
houseIdentifier	283
includedAttributes	283
inetUserHttpURL	284
inetUserStatus	284
info	285
inheritable	285
inheritAttribute	286

inheritFromBaseRDN	286
inheritFromDNAttribute	287
inheritFromDNParent	287
inheritFromRDNAttribute	288
inheritFromRDNType	288
initials	289
internationaliSDNNumber	289
ipHostNumber	290
iplanet-am-auth-configuration	290
iplanet-am-auth-login-failure-url	291
iplanet-am-auth-login-success-url	291
iplanet-am-auth-post-login-process-class	292
iplanet-am-session-destroy-sessions	292
iplanet-am-session-get-valid-sessions	293
iplanet-am-session-max-caching-time	293
iplanet-am-session-max-idle-time	294
iplanet-am-session-max-session-time	294
iplanet-am-session-quota-limit	295
iplanet-am-session-service-status	295
iplanet-am-user-account-life	296
iplanet-am-user-admin-start-dn	297
iplanet-am-user-alias-list	297
iplanet-am-user-auth-config	298
iplanet-am-user-auth-modules	298
iplanet-am-user-failure-url	299
iplanet-am-user-login-status	299
iplanet-am-user-password-reset-force-reset	300
iplanet-am-user-password-reset-options	300
iplanet-am-user-password-reset-question-answer	301
iplanet-am-user-service-status	301
iplanet-am-user-success-url	302
ipNetmaskNumber	302
ipNetworkNumber	303
ipProtocolNumber	303
ipServicePort	304
ipServiceProtocol	304
ipTnetNumber	305
ipTnetTemplateName	305
isMemberOf	306
janetMailbox	306
javaClassName	307
javaClassNames	307
javaCodebase	308
javaDoc	308
javaFactory	309
javaReferenceAddress	309
javaSerializedData	310

jpegPhoto	311
kbaActiveIndex	311
kbaInfo	312
kbaInfoAttempts	312
knowledgeInformation	313
l	313
labeledURI	314
labeledURL	315
lastChangeNumber	315
lastExternalChangelogCookie	315
lastModifiedBy	316
lastModifiedTime	316
ldapSyntaxes	317
loginShell	317
macAddress	318
mail	318
mailPreferenceOption	319
manager	320
matchingRules	320
matchingRuleUse	321
mDRecord	321
member	322
memberGid	322
memberNisNetgroup	323
memberof	323
memberUid	324
memberURL	324
mgrpRFC822MailMember	325
mobile	325
modifiersName	326
modifyTimestamp	326
mxRecord	326
name	327
nameForms	327
namingContexts	328
newRDN	328
newSuperior	329
nisDomain	329
nisMapEntry	330
nisMapName	330
nisNetgroupTriple	331
nisNetIdGroup	331
nisNetIdHost	332
nisNetIdUser	332
nisplusTimeZone	333
nisPublicKey	333
nisSecretKey	334

nsds50ruv	334
nSRecord	334
nsUniqueId	335
numSubordinates	335
o	336
oath2faEnabled	337
oathDeviceProfiles	337
objectClass	338
objectClasses	339
objectclassMap	340
oncRpcNumber	340
organizationalStatus	341
otherMailbox	341
ou	342
owner	342
pager	343
personalSignature	343
personalTitle	344
photo	344
physicalDeliveryOfficeName	345
postalAddress	345
postalCode	346
postOfficeBox	347
preferredDeliveryMethod	347
preferredLanguage	348
preferredLocale	348
preferredServerList	349
preferredTimeZone	349
presentationAddress	350
printer-aliases	350
printer-charset-configured	351
printer-charset-supported	351
printer-color-supported	352
printer-compression-supported	352
printer-copies-supported	353
printer-current-operator	353
printer-delivery-orientation-supported	354
printer-document-format-supported	354
printer-finishings-supported	355
printer-generated-natural-language-supported	355
printer-info	356
printer-ipp-versions-supported	356
printer-job-k-octets-supported	357
printer-job-priority-supported	357
printer-location	358
printer-make-and-model	358
printer-media-local-supported	359

printer-media-supported	359
printer-more-info	360
printer-multiple-document-jobs-supported	360
printer-name	361
printer-natural-language-configured	361
printer-number-up-supported	362
printer-output-features-supported	362
printer-pages-per-minute-color	363
printer-pages-per-minute	363
printer-print-quality-supported	364
printer-resolution-supported	364
printer-service-person	365
printer-sides-supported	365
printer-stacking-order-supported	366
printer-uri	366
printer-xri-supported	367
profileTTL	367
protocolInformation	368
push2faEnabled	368
pushDeviceProfiles	369
pwdAccountLockedTime	369
pwdAllowUserChange	370
pwdAttribute	370
pwdChangedTime	371
pwdCheckQuality	371
pwdExpireWarning	372
pwdFailureCountInterval	372
pwdFailureTime	373
pwdGraceAuthNLimit	373
pwdGraceUseTime	374
pwdHistory	374
pwdInHistory	375
pwdLockout	375
pwdLockoutDuration	376
pwdMaxAge	376
pwdMaxFailure	377
pwdMinAge	377
pwdMinLength	378
pwdMustChange	378
pwdPolicySubentry	379
pwdReset	379
pwdSafeModify	380
ref	380
registeredAddress	381
replicaIdentifier	381
replicationCSN	382
rfc822mailMember	382

roleOccupant	383
roomNumber	383
sambaAcctFlags	384
sambaAlgorithmicRidBase	384
sambaBadPasswordCount	385
sambaBadPasswordTime	385
sambaBoolOption	386
sambaDomainName	386
sambaForceLogoff	387
sambaGroupType	387
sambaHomeDrive	388
sambaHomePath	388
sambaIntegerOption	388
sambaKickoffTime	389
sambaLMPassword	389
sambaLockoutDuration	390
sambaLockoutObservationWindow	390
sambaLockoutThreshold	391
sambaLogoffTime	391
sambaLogonHours	392
sambaLogonScript	392
sambaLogonTime	393
sambaLogonToChgPwd	393
sambaMaxPwdAge	393
sambaMinPwdAge	394
sambaMinPwdLength	394
sambaMungedDial	395
sambaNextGroupRid	395
sambaNextRid	396
sambaNextUserRid	396
sambaNTPassword	397
sambaOptionName	397
sambaPasswordHistory	398
sambaPrimaryGroupSID	398
sambaPrivilegeList	399
sambaProfilePath	399
sambaPwdCanChange	399
sambaPwdHistoryLength	400
sambaPwdLastSet	400
sambaPwdMustChange	401
sambaRefuseMachinePwdChange	401
sambaShareName	402
sambaSID	402
sambaSIDList	403
sambaStringListOption	403
sambaStringOption	404
sambaTrustFlags	404

sambaUserWorkstations	405
searchGuide	405
searchTimeLimit	406
secretary	406
seeAlso	407
serialNumber	407
service-advert-attribute-authenticator	408
service-advert-scopes	408
service-advert-service-type	409
service-advert-url-authenticator	409
serviceAuthenticationMethod	410
serviceCredentialLevel	410
serviceSearchDescriptor	411
shadowExpire	411
shadowFlag	412
shadowInactive	412
shadowLastChange	413
shadowMax	413
shadowMin	414
shadowWarning	414
singleLevelQuality	414
sn	415
sOARecord	415
SolarisAttrKeyValue	416
SolarisAttrLongDesc	416
SolarisAttrReserved1	417
SolarisAttrReserved2	417
SolarisAttrShortDesc	418
SolarisAuditAlways	418
SolarisAuditNever	419
SolarisAuthMethod	419
SolarisBindDN	420
SolarisBindPassword	420
SolarisBindTimeLimit	421
SolarisCacheTTL	421
SolarisCertificatePassword	422
SolarisCertificatePath	422
SolarisDataSearchDN	423
SolarisKernelSecurityPolicy	423
SolarisLDAPServers	424
SolarisPreferredServer	424
SolarisPreferredServerOnly	425
SolarisProfileId	425
SolarisProfileType	426
SolarisProjectAttr	426
SolarisProjectID	427
SolarisProjectName	427

SolarisSearchBaseDN	428
SolarisSearchReferral	428
SolarisSearchScope	429
SolarisSearchTimeLimit	429
SolarisTransportSecurity	430
SolarisUserQualifier	430
st	431
street	431
structuralObjectClass	432
subschemaSubentry	432
subtreeMaximumQuality	433
subtreeMinimumQuality	433
subtreeSpecification	434
sun-fm-saml2-nameid-info	435
sun-fm-saml2-nameid-infokey	435
sun-printer-bsdaddr	436
sun-printer-kvp	436
sunAMAAuthInvalidAttemptsData	437
sunIdentityMSISDNNumber	437
sunKeyValue	438
sunPluginSchema	438
sunserviceID	439
sunServiceSchema	439
sunsmpriority	440
sunxmlKeyValue	441
supportedAlgorithms	441
supportedApplicationContext	442
supportedAuthPasswordSchemes	442
supportedControl	443
supportedExtension	443
supportedFeatures	443
supportedLDAPVersion	444
supportedSASLMechanisms	444
supportedTLSCiphers	445
supportedTLSProtocols	445
targetDN	446
targetEntryUUID	446
telephoneNumber	447
teletexTerminalIdentifier	447
telexNumber	448
template-major-version-number	448
template-minor-version-number	449
template-url-syntax	449
textEncodedORAddress	450
title	450
uddiAccessPoint	451
uddiAddressLine	451

uddiAuthorizedName	452
uddiBindingKey	453
uddiBusinessKey	453
uddiCategoryBag	454
uddiDescription	454
uddiDiscoveryURLs	455
uddiEMail	455
uddiFromKey	456
uddiHostingRedirector	457
uddiIdentifierBag	457
uddiInstanceDescription	458
uddiInstanceParms	458
uddiIsHidden	459
uddiIsProjection	459
uddiKeyedReference	460
uddiLang	460
uddiName	461
uddiOperator	462
uddiOverviewDescription	462
uddiOverviewURL	463
uddiPersonName	463
uddiPhone	464
uddiServiceKey	464
uddiSortCode	465
uddiTModelKey	466
uddiToKey	466
uddiUseType	467
uddiUUID	467
uddiv3BindingKey	468
uddiv3BriefResponse	468
uddiv3BusinessKey	469
uddiv3DigitalSignature	469
uddiv3EntityCreationTime	470
uddiv3EntityDeletionTime	471
uddiv3EntityKey	471
uddiv3EntityModificationTime	472
uddiv3ExpiresAfter	472
uddiv3MaxEntities	473
uddiv3NodeId	473
uddiv3NotificationInterval	474
uddiv3ServiceKey	474
uddiv3SubscriptionFilter	475
uddiv3SubscriptionKey	475
uddiv3TModelKey	476
uid	476
uidNumber	477
uniqueIdentifier	478

uniqueMember	478
userCertificate	479
userClass	479
userPassword	480
userPKCS12	480
userSMIMECertificate	481
vendorName	482
vendorVersion	482
webauthnDeviceProfiles	483
winAccountName	483
x121Address	484
x500UniqueIdentifier	484
2. DIT Content Rules	485
3. DIT Structure Rules	486
uddiAddressStructureRule	486
uddiBindingTemplateStructureRule	486
uddiBusinessEntityStructureRule	487
uddiBusinessServiceStructureRule	487
uddiContactStructureRule	487
uddiPublisherAssertionStructureRule	487
uddiTModelInstanceInfoStructureRule	488
uddiTModelStructureRule	488
uddiv3EntityObituaryStructureRule	488
uddiv3SubscriptionStructureRule	488
4. Matching Rule Uses	490
5. Matching Rules	491
1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6	493
authPasswordExactMatch	493
authPasswordMatch	494
bitStringMatch	494
booleanMatch	494
caseExactIA5Match	495
caseExactIA5SubstringsMatch	495
caseExactJsonIdMatch	496
caseExactJsonQueryMatch	496
caseExactMatch	496
caseExactOrderingMatch	497
caseExactSubstringsMatch	497
caseIgnoreIA5Match	497
caseIgnoreIA5SubstringsMatch	498
caseIgnoreJsonIdMatch	498
caseIgnoreJsonQueryMatch	499
caseIgnoreJsonQueryMatchClusterObject	499
caseIgnoreJsonQueryMatchManagedRole	499
caseIgnoreJsonQueryMatchManagedUser	499
caseIgnoreJsonQueryMatchRelationship	499
caseIgnoreListMatch	500

caseIgnoreListSubstringsMatch	500
caseIgnoreMatch	500
caseIgnoreOrderingMatch	501
caseIgnoreSubstringsMatch	501
certificateExactMatch	502
ctsOAuth2GrantSetEqualityMatch	502
directoryStringFirstComponentMatch	502
distinguishedNameMatch	502
ds-mr-double-metaphone-approx	503
ds-mr-user-password-equality	503
ds-mr-user-password-exact	503
generalizedTimeMatch	503
generalizedTimeOrderingMatch	504
historicalCsnOrderingMatch	504
historicalCsnRangeMatch	504
integerFirstComponentMatch	504
integerMatch	505
integerOrderingMatch	505
jsonFirstComponentCaseExactJsonQueryMatch	505
jsonFirstComponentCaseIgnoreJsonQueryMatch	506
keywordMatch	506
nameAndOptionalCaseExactJsonIdEqualityMatch	507
nameAndOptionalCaseIgnoreJsonIdEqualityMatch	507
nameAndOptionalJsonEqualityMatchingRule	507
numericStringMatch	508
numericStringOrderingMatch	508
numericStringSubstringsMatch	508
objectIdentifierFirstComponentMatch	509
objectIdentifierMatch	509
octetStringMatch	510
octetStringOrderingMatch	510
octetStringSubstringsMatch	510
partialDateAndTimeMatchingRule	510
presentationAddressMatch	511
protocolInformationMatch	511
relativeTimeGTOrderingMatch	511
relativeTimeLTOrderingMatch	511
telephoneNumberMatch	512
telephoneNumberSubstringsMatch	512
uniqueMemberMatch	513
uuidMatch	513
uuidOrderingMatch	513
wordMatch	514
6. Name Forms	515
uddiAddressNameForm	515
uddiBindingTemplateNameForm	515
uddiBusinessEntityNameForm	516

uddiBusinessServiceNameForm	516
uddiContactNameForm	516
uddiPublisherAssertionNameForm	517
uddiTModelInstanceInfoNameForm	517
uddiTModelNameForm	517
uddiv3EntityObituaryNameForm	518
uddiv3SubscriptionNameForm	518
7. Object Classes	519
account	527
alias	527
applicationEntity	528
applicationProcess	528
authPasswordObject	529
automount	529
automountMap	529
bootableDevice	530
calEntry	530
certificationAuthority-V2	530
certificationAuthority	531
changeLogEntry	531
collectiveAttributeSubentry	532
container	532
corbaContainer	533
corbaObject	533
corbaObjectReference	533
country	534
cRLDistributionPoint	534
dcObject	535
deltaCRL	535
device	535
devicePrintProfilesContainer	536
deviceProfilesContainer	536
dmd	537
dNSDomain	537
document	538
documentSeries	538
domain	538
domainRelatedObject	539
ds-certificate-user	539
ds-monitor-backend-db	540
ds-monitor-backend-pluggable	540
ds-monitor-backend-proxy	541
ds-monitor-backend	541
ds-monitor-base-dn	542
ds-monitor-branch	542
ds-monitor-certificate	542
ds-monitor-changelog-domain	543

ds-monitor-changelog	543
ds-monitor-connected-changelog	543
ds-monitor-connected-replica	544
ds-monitor-connection-handler	544
ds-monitor-disk-space	545
ds-monitor-entry-cache	545
ds-monitor-health-status	545
ds-monitor-http-connection-handler	546
ds-monitor-je-database	546
ds-monitor-jvm	546
ds-monitor-ldap-connection-handler	547
ds-monitor-raw-je-database-statistics	548
ds-monitor-remote-replica	548
ds-monitor-replica-db	548
ds-monitor-replica	549
ds-monitor-server	549
ds-monitor-topology-server	550
ds-monitor-work-queue	550
ds-monitor	551
ds-pwp-attribute-value-validator	551
ds-pwp-character-set-validator	551
ds-pwp-dictionary-validator	552
ds-pwp-length-based-validator	552
ds-pwp-password-policy	552
ds-pwp-random-generator	553
ds-pwp-repeated-characters-validator	553
ds-pwp-similarity-based-validator	554
ds-pwp-unique-characters-validator	554
ds-pwp-validator	554
ds-root-dse	555
ds-virtual-static-group	555
dSA	555
DUAConfigProfile	556
extensibleObject	556
forgerock-am-dashboard-service	557
fr-idm-cluster-obj	557
fr-idm-generic-obj	557
fr-idm-hybrid-obj	558
fr-idm-internal-role	558
fr-idm-internal-user	558
fr-idm-link	559
fr-idm-lock	559
fr-idm-managed-assignment	560
fr-idm-managed-role	560
fr-idm-managed-user-explicit	560
fr-idm-managed-user-hybrid-obj	561
fr-idm-managed-user	561

fr-idm-notification	562
fr-idm-recon-clusteredTargetIds	562
fr-idm-reconassoc	562
fr-idm-reconassocentry	563
fr-idm-relationship	563
fr-idm-syncqueue	564
frCoreToken	564
friendlyCountry	565
glue	565
groupOfEntries	565
groupOfNames	566
groupOfUniqueNames	566
groupOfURLs	567
ieee802Device	567
inetOrgPerson	567
inetuser	568
inheritableLDAPSubEntry	569
inheritedCollectiveAttributeSubentry	569
inheritedFromDNCollectiveAttributeSubentry	570
inheritedFromRDNCollectiveAttributeSubentry	570
ipHost	570
iplanet-am-auth-configuration-service	571
iplanet-am-managed-person	571
iplanet-am-session-service	572
iplanet-am-user-service	572
iPlanetPreferences	573
ipNetwork	573
ipProtocol	573
ipService	574
ipTnetHost	574
ipTnetTemplate	575
javaContainer	575
javaMarshaledObject	575
javaNamingReference	576
javaObject	576
javaSerializedObject	577
kbaInfoContainer	577
labeledURIObject	577
ldapSubEntry	578
locality	578
mailGroup	579
namedObject	579
nisDomainObject	580
nisKeyObject	580
nisMailAlias	580
nisMap	581
nisNetgroup	581

nisNetId	581
nisObject	582
nisplusTimeZoneData	582
oathDeviceProfilesContainer	583
oncRpc	583
organization	583
organizationalPerson	584
organizationalRole	584
organizationalUnit	585
person	585
pilotDSA	586
pilotObject	586
pilotOrganization	586
pilotPerson	587
pkiCA	587
pkiUser	588
posixAccount	588
posixGroup	589
printerAbstract	589
printerIPP	590
printerLPR	590
printerService	590
printerServiceAuxClass	591
pushDeviceProfilesContainer	591
pwdPolicy	592
pwdValidatorPolicy	592
qualityLabelledData	593
referral	593
residentialPerson	594
rFC822LocalPart	594
room	595
sambaConfig	595
sambaConfigOption	595
sambaDomain	596
sambaGroupMapping	596
sambaldmapEntry	596
sambaPrivilege	597
sambaSamAccount	597
sambaShare	598
sambaSidEntry	598
sambaTrustPassword	598
sambaUnixIdPool	599
shadowAccount	599
simpleSecurityObject	599
slpService	600
slpServicePrinter	601
SolarisAuditUser	601

SolarisAuthAttr	601
SolarisExecAttr	602
SolarisNamingProfile	602
SolarisProfAttr	603
SolarisProject	603
SolarisUserAttr	603
strongAuthenticationUser	604
subentry	604
subschema	605
sunAMAuthAccountLockout	605
sunFMSAML2NameIdentifier	606
sunPrinter	606
sunRealmService	606
sunservice	607
sunservicecomponent	607
top	608
uddiAddress	608
uddiBindingTemplate	608
uddiBusinessEntity	609
uddiBusinessService	609
uddiContact	610
uddiPublisherAssertion	610
uddiTModel	610
uddiTModelInstanceInfo	611
uddiv3EntityObituary	611
uddiv3Subscription	612
uidObject	612
untypedObject	612
userSecurityInformation	613
webauthnDeviceProfilesContainer	613
8. Syntaxes	615
Attribute Type Description	617
Authentication Password Syntax	618
Binary	618
Bit String	618
Boolean	619
Certificate	619
Certificate List	619
Certificate Pair	620
Collective Conflict Behavior	620
Counter metric	620
Country String	620
CSN (Change Sequence Number)	621
Delivery Method	621
Directory String	621
DIT Content Rule Description	622
DIT Structure Rule Description	622

DN	622
Duration in milli-seconds	622
Enhanced Guide	623
Expression syntax for Boolean	624
Expression syntax for Certificate	624
Expression syntax for Directory String	624
Expression syntax for DN	624
Expression syntax for Generalized Time	625
Expression syntax for IA5 String	625
Expression syntax for Integer	625
Expression syntax for Numeric String	625
Expression syntax for Octet String	626
Expression syntax for OID	626
Expression syntax for Sun-defined Access Control Information	626
Expression syntax for User Password	626
Facsimile Telephone Number	627
Fax	627
Filesystem path	627
Generalized Time	628
Guide	629
Host port	629
IA5 String	629
Integer	630
JPEG	630
Json	630
Json Query	631
LDAP Syntax Description	631
Matching Rule Description	631
Matching Rule Use Description	631
Name and Optional JSON	632
Name and Optional UID	632
Name Form Description	632
Numeric String	633
Object Class Description	633
Octet String	633
OID	634
Other Mailbox	634
Postal Address	635
Presentation Address	635
Printable String	636
Protocol Information	636
Size in bytes	637
Substring Assertion	637
Subtree Specification	638
Summary metric	638
Sun-defined Access Control Information	638
Supported Algorithm	639

Telephone Number	639
Teletex Terminal Identifier	639
Telex Number	640
Timer metric	641
User Password	642
UTC Time	642
UUID	643
X.509 Certificate Exact Assertion	644

About This Reference

This reference describes the default directory schema. Each schema definition has its own section, with links to related sections. Reference pages for the most commonly used elements may include additional descriptions and examples that are not present in the directory schema definitions.

This reference does not include directory configuration attributes and object classes, collation matching rules.

LDAP directory schema defines how data can be stored in the directory. When a directory server receives a request to update directory data, it can check the data changes against the directory schema, refusing any request that would result in a violation of the directory schema and directory data corruption.

Schema checking prevents errors such as the following:

- Adding inappropriate attributes to an entry
- Removing required attributes from an entry
- Using an attribute value that has the wrong syntax
- Adding the wrong type of subordinate object

LDAP directory schema consists of definitions for the following:

Attribute types

Define attributes of directory entries, including their syntaxes and matching rules

Directory Information Tree (DIT) content rules

Define the content of entries with a given structural object class

DIT structure rules

Define the names entries may have, and how entries may be related to each other

Matching rules

Define how values of attributes are matched and compared

Matching rule uses

List attributes that can be used with an extensibleMatch search filter

Name forms

Define naming relations for structural object classes

Object classes

Define the types of objects that an entry represents, and the required and optional attributes for entries of those types

Syntaxes

Define the encodings used in LDAP

For a technical description of LDAP directory schema, read *Directory Schema in Lightweight Directory Access Protocol (LDAP): Directory Information Models* (RFC 4512).

LDAP directory servers allow client applications to access directory schema while the server is running. This enables applications to validate their changes against the schema before sending an update request to the server. As a result, LDAP schema definitions are optimized for applications, not humans. The reader must resolve relationships between schema definitions, and must find most documentation elsewhere.

Chapter 1

Attribute Types

This chapter covers schema definitions for attribute types:

- "aci"
- "aclRights"
- "aclRightsInfo"
- "administratorsAddress"
- "aliasedObjectName"
- "alive"
- "altServer"
- "aRecord"
- "assignedDashboard"
- "associatedDomain"
- "associatedName"
- "attributeMap"
- "attributeTypes"
- "audio"
- "authenticationMethod"
- "authorityRevocationList"
- "authPassword"
- "automountInformation"
- "automountKey"
- "automountMapName"
- "bindTimeLimit"

- "blockInheritance"
- "bootFile"
- "bootParameter"
- "buildingName"
- "businessCategory"
- "c-FacsimileTelephoneNumber"
- "c-InternationalISDNNumber"
- "c-l"
- "c-o"
- "c-ou"
- "c-PhysicalDeliveryOfficeName"
- "c-PostalAddress"
- "c-PostalCode"
- "c-PostOfficeBox"
- "c-st"
- "c-street"
- "c-TelephoneNumber"
- "c-TelexNumber"
- "c"
- "cACertificate"
- "calCalAdrURI"
- "calCalURI"
- "calCAPURI"
- "calFBURL"
- "calOtherCalAdrURIs"
- "calOtherCalURIs"

- "calOtherCAPURIs"
- "calOtherFBURLs"
- "carLicense"
- "certificateRevocationList"
- "changeInitiatorsName"
- "changelog"
- "changeLogCookie"
- "changeNumber"
- "changes"
- "changeTime"
- "changeType"
- "cn"
- "cNAMERecord"
- "co"
- "collectiveAttributeSubentries"
- "collectiveConflictBehavior"
- "collectiveExclusions"
- "corbaIor"
- "corbaRepositoryId"
- "coreTokenDate01"
- "coreTokenDate02"
- "coreTokenDate03"
- "coreTokenDate04"
- "coreTokenDate05"
- "coreTokenExpirationDate"
- "coreTokenId"

- "coreTokenInteger01"
- "coreTokenInteger02"
- "coreTokenInteger03"
- "coreTokenInteger04"
- "coreTokenInteger05"
- "coreTokenInteger06"
- "coreTokenInteger07"
- "coreTokenInteger08"
- "coreTokenInteger09"
- "coreTokenInteger10"
- "coreTokenMultiString01"
- "coreTokenMultiString02"
- "coreTokenMultiString03"
- "coreTokenObject"
- "coreTokenString01"
- "coreTokenString02"
- "coreTokenString03"
- "coreTokenString04"
- "coreTokenString05"
- "coreTokenString06"
- "coreTokenString07"
- "coreTokenString08"
- "coreTokenString09"
- "coreTokenString10"
- "coreTokenString11"
- "coreTokenString12"

- "coreTokenString13"
- "coreTokenString14"
- "coreTokenString15"
- "coreTokenTtlDate"
- "coreTokenType"
- "coreTokenUserId"
- "createTimestamp"
- "creatorsName"
- "credentialLevel"
- "crossCertificatePair"
- "dc"
- "defaultSearchBase"
- "defaultSearchScope"
- "defaultServerList"
- "deleteOldRDN"
- "deltaRevocationList"
- "departmentNumber"
- "dereferenceAliases"
- "description"
- "destinationIndicator"
- "devicePrintProfiles"
- "deviceProfiles"
- "displayName"
- "distinguishedName"
- "dITContentRules"
- "dITRedirect"

- "dITStructureRules"
- "dmdName"
- "dnQualifier"
- "documentAuthor"
- "documentIdentifier"
- "documentLocation"
- "documentPublisher"
- "documentTitle"
- "documentVersion"
- "drink"
- "ds-certificate-fingerprint"
- "ds-certificate-issuer-dn"
- "ds-certificate-subject-dn"
- "ds-mon-abandoned-requests"
- "ds-mon-active-connections-count"
- "ds-mon-active-persistent-searches"
- "ds-mon-admin-hostport"
- "ds-mon-alias"
- "ds-mon-alive-errors"
- "ds-mon-alive"
- "ds-mon-backend-degraded-index-count"
- "ds-mon-backend-degraded-index"
- "ds-mon-backend-entry-count"
- "ds-mon-backend-filter-use-indexed"
- "ds-mon-backend-filter-use-start-time"
- "ds-mon-backend-filter-use-unindexed"

- "ds-mon-backend-filter-use"
- "ds-mon-backend-is-private"
- "ds-mon-backend-proxy-base-dn"
- "ds-mon-backend-proxy-shard"
- "ds-mon-backend-ttl-entries-deleted"
- "ds-mon-backend-ttl-is-running"
- "ds-mon-backend-ttl-last-run-time"
- "ds-mon-backend-ttl-queue-size"
- "ds-mon-backend-ttl-thread-count"
- "ds-mon-backend-writability-mode"
- "ds-mon-base-dn-entry-count"
- "ds-mon-base-dn"
- "ds-mon-build-number"
- "ds-mon-build-time"
- "ds-mon-bytes-read"
- "ds-mon-bytes-written"
- "ds-mon-cache-entry-count"
- "ds-mon-cache-max-entry-count"
- "ds-mon-cache-max-size-bytes"
- "ds-mon-cache-misses"
- "ds-mon-cache-total-tries"
- "ds-mon-certificate-expires-at"
- "ds-mon-certificate-issuer-dn"
- "ds-mon-certificate-serial-number"
- "ds-mon-certificate-subject-dn"
- "ds-mon-changelog-hostport"

- "ds-mon-changelog-id"
- "ds-mon-changelog-purge-delay"
- "ds-mon-compact-version"
- "ds-mon-config-dn"
- "ds-mon-connected-to-server-hostport"
- "ds-mon-connected-to-server-id"
- "ds-mon-connection"
- "ds-mon-connections"
- "ds-mon-current-connections"
- "ds-mon-current-receive-window"
- "ds-mon-current-time"
- "ds-mon-db-cache-evict-internal-nodes-count"
- "ds-mon-db-cache-evict-leaf-nodes-count"
- "ds-mon-db-cache-leaf-nodes"
- "ds-mon-db-cache-misses-internal-nodes"
- "ds-mon-db-cache-misses-leaf-nodes"
- "ds-mon-db-cache-size-active"
- "ds-mon-db-cache-size-total"
- "ds-mon-db-cache-total-tries-internal-nodes"
- "ds-mon-db-cache-total-tries-leaf-nodes"
- "ds-mon-db-checkpoint-count"
- "ds-mon-db-log-cleaner-file-deletion-count"
- "ds-mon-db-log-files-open"
- "ds-mon-db-log-files-opened"
- "ds-mon-db-log-size-active"
- "ds-mon-db-log-size-total"

- "ds-mon-db-log-utilization-max"
- "ds-mon-db-log-utilization-min"
- "ds-mon-db-version"
- "ds-mon-disk-dir"
- "ds-mon-disk-free"
- "ds-mon-disk-full-threshold"
- "ds-mon-disk-low-threshold"
- "ds-mon-disk-root"
- "ds-mon-disk-state"
- "ds-mon-domain-generation-id"
- "ds-mon-domain-name"
- "ds-mon-entries-awaiting-updates-count"
- "ds-mon-fix-ids"
- "ds-mon-full-version"
- "ds-mon-group-id"
- "ds-mon-healthy-errors"
- "ds-mon-healthy"
- "ds-mon-install-path"
- "ds-mon-instance-path"
- "ds-mon-jvm-architecture"
- "ds-mon-jvm-arguments"
- "ds-mon-jvm-available-cpus"
- "ds-mon-jvm-class-path"
- "ds-mon-jvm-classes-loaded"
- "ds-mon-jvm-classes-unloaded"
- "ds-mon-jvm-java-home"

- "ds-mon-jvm-java-vendor"
- "ds-mon-jvm-java-version"
- "ds-mon-jvm-memory-heap-init"
- "ds-mon-jvm-memory-heap-max"
- "ds-mon-jvm-memory-heap-reserved"
- "ds-mon-jvm-memory-heap-used"
- "ds-mon-jvm-memory-init"
- "ds-mon-jvm-memory-max"
- "ds-mon-jvm-memory-non-heap-init"
- "ds-mon-jvm-memory-non-heap-max"
- "ds-mon-jvm-memory-non-heap-reserved"
- "ds-mon-jvm-memory-non-heap-used"
- "ds-mon-jvm-memory-reserved"
- "ds-mon-jvm-memory-used"
- "ds-mon-jvm-supported-tls-ciphers"
- "ds-mon-jvm-supported-tls-protocols"
- "ds-mon-jvm-threads-blocked-count"
- "ds-mon-jvm-threads-count"
- "ds-mon-jvm-threads-daemon-count"
- "ds-mon-jvm-threads-deadlock-count"
- "ds-mon-jvm-threads-deadlocks"
- "ds-mon-jvm-threads-new-count"
- "ds-mon-jvm-threads-runnable-count"
- "ds-mon-jvm-threads-terminated-count"
- "ds-mon-jvm-threads-timed-waiting-count"
- "ds-mon-jvm-threads-waiting-count"
- "ds-mon-jvm-vendor"

- "ds-mon-jvm-version"
- "ds-mon-last-seen"
- "ds-mon-ldap-hostport"
- "ds-mon-ldap-starttls-hostport"
- "ds-mon-ldaps-hostport"
- "ds-mon-listen-address"
- "ds-mon-lost-connections"
- "ds-mon-major-version"
- "ds-mon-max-connections"
- "ds-mon-minor-version"
- "ds-mon-newest-change-number"
- "ds-mon-newest-csn-timestamp"
- "ds-mon-newest-csn"
- "ds-mon-oldest-change-number"
- "ds-mon-oldest-csn-timestamp"
- "ds-mon-oldest-csn"
- "ds-mon-os-architecture"
- "ds-mon-os-name"
- "ds-mon-os-version"
- "ds-mon-point-version"
- "ds-mon-process-id"
- "ds-mon-product-name"
- "ds-mon-protocol"
- "ds-mon-receive-delay"
- "ds-mon-replay-delay"
- "ds-mon-replayed-updates-conflicts-resolved"

- "ds-mon-replayed-updates-conflicts-unresolved"
- "ds-mon-replayed-updates"
- "ds-mon-replication-domain"
- "ds-mon-replication-protocol-version"
- "ds-mon-requests-abandon"
- "ds-mon-requests-add"
- "ds-mon-requests-bind"
- "ds-mon-requests-compare"
- "ds-mon-requests-delete"
- "ds-mon-requests-extended"
- "ds-mon-requests-failure-client-invalid-request"
- "ds-mon-requests-failure-client-redirect"
- "ds-mon-requests-failure-client-referral"
- "ds-mon-requests-failure-client-resource-limit"
- "ds-mon-requests-failure-client-security"
- "ds-mon-requests-failure-server"
- "ds-mon-requests-failure-uncategorized"
- "ds-mon-requests-get"
- "ds-mon-requests-in-queue"
- "ds-mon-requests-modify-dn"
- "ds-mon-requests-modify"
- "ds-mon-requests-patch"
- "ds-mon-requests-post"
- "ds-mon-requests-put"
- "ds-mon-requests-rejected-queue-full"
- "ds-mon-requests-search-base"

- "ds-mon-requests-search-one"
- "ds-mon-requests-search-sub"
- "ds-mon-requests-submitted"
- "ds-mon-requests-unbind"
- "ds-mon-requests-uncategorized"
- "ds-mon-revision"
- "ds-mon-sent-updates"
- "ds-mon-server-id"
- "ds-mon-server-is-local"
- "ds-mon-server-state"
- "ds-mon-short-name"
- "ds-mon-ssl-encryption"
- "ds-mon-start-time"
- "ds-mon-status-last-changed"
- "ds-mon-status"
- "ds-mon-system-name"
- "ds-mon-total-connections"
- "ds-mon-total-update-entry-count"
- "ds-mon-total-update-entry-left"
- "ds-mon-total-update"
- "ds-mon-updates-inbound-queue"
- "ds-mon-updates-outbound-queue"
- "ds-mon-updates-totals-per-replay-thread"
- "ds-mon-vendor-name"
- "ds-mon-version-qualifier"
- "ds-mon-working-directory"

- "ds-private-naming-contexts"
- "ds-privilege-name"
- "ds-pwp-account-disabled"
- "ds-pwp-account-expiration-time"
- "ds-pwp-account-status-notification-handler"
- "ds-pwp-allow-expired-password-changes"
- "ds-pwp-allow-multiple-password-values"
- "ds-pwp-allow-pre-encoded-passwords"
- "ds-pwp-allow-user-password-changes"
- "ds-pwp-attribute-value-check-substrings"
- "ds-pwp-attribute-value-match-attribute"
- "ds-pwp-attribute-value-min-substring-length"
- "ds-pwp-attribute-value-test-reversed-password"
- "ds-pwp-character-set-allow-unclassified-characters"
- "ds-pwp-character-set-character-set-ranges"
- "ds-pwp-character-set-character-set"
- "ds-pwp-character-set-min-character-sets"
- "ds-pwp-default-password-storage-scheme"
- "ds-pwp-deprecated-password-storage-scheme"
- "ds-pwp-dictionary-case-sensitive-validation"
- "ds-pwp-dictionary-check-substrings"
- "ds-pwp-dictionary-data"
- "ds-pwp-dictionary-min-substring-length"
- "ds-pwp-dictionary-test-reversed-password"
- "ds-pwp-expire-passwords-without-warning"
- "ds-pwp-force-change-on-add"

- "ds-pwp-force-change-on-reset"
- "ds-pwp-grace-login-count"
- "ds-pwp-idle-lockout-interval"
- "ds-pwp-last-login-time-attribute"
- "ds-pwp-last-login-time-format"
- "ds-pwp-last-login-time"
- "ds-pwp-length-based-max-password-length"
- "ds-pwp-length-based-min-password-length"
- "ds-pwp-lockout-duration"
- "ds-pwp-lockout-failure-count"
- "ds-pwp-lockout-failure-expiration-interval"
- "ds-pwp-max-password-age"
- "ds-pwp-max-password-reset-age"
- "ds-pwp-min-password-age"
- "ds-pwp-password-attribute"
- "ds-pwp-password-change-requires-current-password"
- "ds-pwp-password-changed-by-required-time"
- "ds-pwp-password-expiration-time"
- "ds-pwp-password-expiration-warning-interval"
- "ds-pwp-password-history-count"
- "ds-pwp-password-history-duration"
- "ds-pwp-password-policy-dn"
- "ds-pwp-previous-last-login-time-format"
- "ds-pwp-random-password-character-set"
- "ds-pwp-random-password-format"
- "ds-pwp-repeated-characters-case-sensitive-validation"

- "ds-pwp-repeated-characters-max-consecutive-length"
- "ds-pwp-require-change-by-time"
- "ds-pwp-require-secure-authentication"
- "ds-pwp-require-secure-password-changes"
- "ds-pwp-reset-time"
- "ds-pwp-similarity-based-min-password-difference"
- "ds-pwp-skip-validation-for-administrators"
- "ds-pwp-state-update-failure-policy"
- "ds-pwp-unique-characters-case-sensitive-validation"
- "ds-pwp-unique-characters-min-unique-characters"
- "ds-pwp-warned-time"
- "ds-rlim-cursor-entry-limit"
- "ds-rlim-idle-time-limit"
- "ds-rlim-lookthrough-limit"
- "ds-rlim-size-limit"
- "ds-rlim-time-limit"
- "ds-sync-conflict"
- "ds-sync-fractional-exclude"
- "ds-sync-fractional-include"
- "ds-sync-generation-id"
- "ds-sync-hist"
- "ds-sync-state"
- "ds-target-group-dn"
- "dSAQuality"
- "emailAddress"
- "employeeNumber"

- "employeeType"
- "enhancedSearchGuide"
- "entryDN"
- "entryUUID"
- "etag"
- "facsimileTelephoneNumber"
- "firstChangeNumber"
- "followReferrals"
- "fr-idm-accountStatus"
- "fr-idm-cluster-json"
- "fr-idm-condition"
- "fr-idm-consentedMapping"
- "fr-idm-custom-attrs"
- "fr-idm-effectiveAssignment"
- "fr-idm-effectiveRole"
- "fr-idm-internal-role-authzmembers-internal-user"
- "fr-idm-internal-role-authzmembers-managed-user"
- "fr-idm-internal-user-authzroles-internal-role"
- "fr-idm-internal-user-authzroles-managed-role"
- "fr-idm-json"
- "fr-idm-kbaInfo"
- "fr-idm-lastSync"
- "fr-idm-link-firstid-constraint"
- "fr-idm-link-firstid"
- "fr-idm-link-qualifier"
- "fr-idm-link-secondid-constraint"

- "fr-idm-link-secondid"
- "fr-idm-link-type"
- "fr-idm-lock-nodeid"
- "fr-idm-managed-assignment-json"
- "fr-idm-managed-role-assignments"
- "fr-idm-managed-role-json"
- "fr-idm-managed-user-authzroles-internal-role"
- "fr-idm-managed-user-authzroles-managed-role"
- "fr-idm-managed-user-custom-attrs"
- "fr-idm-managed-user-json"
- "fr-idm-managed-user-manager"
- "fr-idm-managed-user-meta"
- "fr-idm-managed-user-notifications"
- "fr-idm-managed-user-roles"
- "fr-idm-name"
- "fr-idm-notification-json"
- "fr-idm-password"
- "fr-idm-preferences"
- "fr-idm-privilege"
- "fr-idm-recon-id"
- "fr-idm-recon-targetIds"
- "fr-idm-reconassoc-finishtime"
- "fr-idm-reconassoc-isanalysis"
- "fr-idm-reconassoc-mapping"
- "fr-idm-reconassoc-reconid"
- "fr-idm-reconassoc-sourceresourcecollection"

- "fr-idm-reconassoc-targetresourcecollection"
- "fr-idm-reconassocentry-action"
- "fr-idm-reconassocentry-ambiguoustargetobjectids"
- "fr-idm-reconassocentry-exception"
- "fr-idm-reconassocentry-linkqualifier"
- "fr-idm-reconassocentry-message"
- "fr-idm-reconassocentry-messagedetail"
- "fr-idm-reconassocentry-phase"
- "fr-idm-reconassocentry-reconid"
- "fr-idm-reconassocentry-situation"
- "fr-idm-reconassocentry-sourceobjectid"
- "fr-idm-reconassocentry-status"
- "fr-idm-reconassocentry-targetobjectid"
- "fr-idm-relationship-json"
- "fr-idm-role"
- "fr-idm-syncqueue-context"
- "fr-idm-syncqueue-createdate"
- "fr-idm-syncqueue-mapping"
- "fr-idm-syncqueue-newobject"
- "fr-idm-syncqueue-nodeid"
- "fr-idm-syncqueue-objectrev"
- "fr-idm-syncqueue-oldobject"
- "fr-idm-syncqueue-remainingretries"
- "fr-idm-syncqueue-resourcecollection"
- "fr-idm-syncqueue-resourceid"
- "fr-idm-syncqueue-state"

- "fr-idm-syncqueue-syncaction"
- "fr-idm-temporal-constraints"
- "fr-idm-uuid"
- "fullVendorVersion"
- "gecos"
- "generationQualifier"
- "gidNumber"
- "givenName"
- "governingStructureRule"
- "hasSubordinates"
- "healthy"
- "homeDirectory"
- "homePhone"
- "homePostalAddress"
- "host"
- "houseIdentifier"
- "includedAttributes"
- "inetUserHttpURL"
- "inetUserStatus"
- "info"
- "inheritable"
- "inheritAttribute"
- "inheritFromBaseRDN"
- "inheritFromDNAttribute"
- "inheritFromDNParent"
- "inheritFromRDNAttribute"

- "inheritFromRDNTType"
- "initials"
- "internationaliSDNNumber"
- "ipHostNumber"
- "iplanet-am-auth-configuration"
- "iplanet-am-auth-login-failure-url"
- "iplanet-am-auth-login-success-url"
- "iplanet-am-auth-post-login-process-class"
- "iplanet-am-session-destroy-sessions"
- "iplanet-am-session-get-valid-sessions"
- "iplanet-am-session-max-caching-time"
- "iplanet-am-session-max-idle-time"
- "iplanet-am-session-max-session-time"
- "iplanet-am-session-quota-limit"
- "iplanet-am-session-service-status"
- "iplanet-am-user-account-life"
- "iplanet-am-user-admin-start-dn"
- "iplanet-am-user-alias-list"
- "iplanet-am-user-auth-config"
- "iplanet-am-user-auth-modules"
- "iplanet-am-user-failure-url"
- "iplanet-am-user-login-status"
- "iplanet-am-user-password-reset-force-reset"
- "iplanet-am-user-password-reset-options"
- "iplanet-am-user-password-reset-question-answer"
- "iplanet-am-user-service-status"

- "iplanet-am-user-success-url"
- "ipNetmaskNumber"
- "ipNetworkNumber"
- "ipProtocolNumber"
- "ipServicePort"
- "ipServiceProtocol"
- "ipTnetNumber"
- "ipTnetTemplateName"
- "isMemberOf"
- "janetMailbox"
- "javaClassName"
- "javaClassNames"
- "javaCodebase"
- "javaDoc"
- "javaFactory"
- "javaReferenceAddress"
- "javaSerializedData"
- "jpegPhoto"
- "kbaActiveIndex"
- "kbaInfo"
- "kbaInfoAttempts"
- "knowledgeInformation"
- "l"
- "labeledURI"
- "labeledURL"
- "lastChangeNumber"

- "lastExternalChangelogCookie"
- "lastModifiedBy"
- "lastModifiedTime"
- "ldapSyntaxes"
- "loginShell"
- "macAddress"
- "mail"
- "mailPreferenceOption"
- "manager"
- "matchingRules"
- "matchingRuleUse"
- "mDRecord"
- "member"
- "memberGid"
- "memberNisNetgroup"
- "memberof"
- "memberUid"
- "memberURL"
- "mgrpRFC822MailMember"
- "mobile"
- "modifiersName"
- "modifyTimestamp"
- "mxRecord"
- "name"
- "nameForms"
- "namingContexts"

- "newRDN"
- "newSuperior"
- "nisDomain"
- "nisMapEntry"
- "nisMapName"
- "nisNetgroupTriple"
- "nisNetIdGroup"
- "nisNetIdHost"
- "nisNetIdUser"
- "nisplusTimeZone"
- "nisPublicKey"
- "nisSecretKey"
- "nsds50ruv"
- "nSRecord"
- "nsUniqueId"
- "numSubordinates"
- "o"
- "oath2faEnabled"
- "oathDeviceProfiles"
- "objectClass"
- "objectClasses"
- "objectclassMap"
- "oncRpcNumber"
- "organizationalStatus"
- "otherMailbox"
- "ou"

- "owner"
- "pager"
- "personalSignature"
- "personalTitle"
- "photo"
- "physicalDeliveryOfficeName"
- "postalAddress"
- "postalCode"
- "postOfficeBox"
- "preferredDeliveryMethod"
- "preferredLanguage"
- "preferredLocale"
- "preferredServerList"
- "preferredTimeZone"
- "presentationAddress"
- "printer-aliases"
- "printer-charset-configured"
- "printer-charset-supported"
- "printer-color-supported"
- "printer-compression-supported"
- "printer-copies-supported"
- "printer-current-operator"
- "printer-delivery-orientation-supported"
- "printer-document-format-supported"
- "printer-finishing-supported"
- "printer-generated-natural-language-supported"

- "printer-info"
- "printer-ipp-versions-supported"
- "printer-job-k-octets-supported"
- "printer-job-priority-supported"
- "printer-location"
- "printer-make-and-model"
- "printer-media-local-supported"
- "printer-media-supported"
- "printer-more-info"
- "printer-multiple-document-jobs-supported"
- "printer-name"
- "printer-natural-language-configured"
- "printer-number-up-supported"
- "printer-output-features-supported"
- "printer-pages-per-minute-color"
- "printer-pages-per-minute"
- "printer-print-quality-supported"
- "printer-resolution-supported"
- "printer-service-person"
- "printer-sides-supported"
- "printer-stacking-order-supported"
- "printer-uri"
- "printer-xri-supported"
- "profileTTL"
- "protocolInformation"
- "push2faEnabled"

- "pushDeviceProfiles"
- "pwdAccountLockedTime"
- "pwdAllowUserChange"
- "pwdAttribute"
- "pwdChangedTime"
- "pwdCheckQuality"
- "pwdExpireWarning"
- "pwdFailureCountInterval"
- "pwdFailureTime"
- "pwdGraceAuthNLimit"
- "pwdGraceUseTime"
- "pwdHistory"
- "pwdInHistory"
- "pwdLockout"
- "pwdLockoutDuration"
- "pwdMaxAge"
- "pwdMaxFailure"
- "pwdMinAge"
- "pwdMinLength"
- "pwdMustChange"
- "pwdPolicySubentry"
- "pwdReset"
- "pwdSafeModify"
- "ref"
- "registeredAddress"
- "replicaIdentifier"

- "replicationCSN"
- "rfc822mailMember"
- "roleOccupant"
- "roomNumber"
- "sambaAcctFlags"
- "sambaAlgorithmicRidBase"
- "sambaBadPasswordCount"
- "sambaBadPasswordTime"
- "sambaBoolOption"
- "sambaDomainName"
- "sambaForceLogoff"
- "sambaGroupType"
- "sambaHomeDrive"
- "sambaHomePath"
- "sambaIntegerOption"
- "sambaKickoffTime"
- "sambaLMPassword"
- "sambaLockoutDuration"
- "sambaLockoutObservationWindow"
- "sambaLockoutThreshold"
- "sambaLogoffTime"
- "sambaLogonHours"
- "sambaLogonScript"
- "sambaLogonTime"
- "sambaLogonToChgPwd"
- "sambaMaxPwdAge"

- "sambaMinPwdAge"
- "sambaMinPwdLength"
- "sambaMungedDial"
- "sambaNextGroupRid"
- "sambaNextRid"
- "sambaNextUserRid"
- "sambaNTPassword"
- "sambaOptionName"
- "sambaPasswordHistory"
- "sambaPrimaryGroupSID"
- "sambaPrivilegeList"
- "sambaProfilePath"
- "sambaPwdCanChange"
- "sambaPwdHistoryLength"
- "sambaPwdLastSet"
- "sambaPwdMustChange"
- "sambaRefuseMachinePwdChange"
- "sambaShareName"
- "sambaSID"
- "sambaSIDList"
- "sambaStringListOption"
- "sambaStringOption"
- "sambaTrustFlags"
- "sambaUserWorkstations"
- "searchGuide"
- "searchTimeLimit"

- "secretary"
- "seeAlso"
- "serialNumber"
- "service-advert-attribute-authenticator"
- "service-advert-scopes"
- "service-advert-service-type"
- "service-advert-url-authenticator"
- "serviceAuthenticationMethod"
- "serviceCredentialLevel"
- "serviceSearchDescriptor"
- "shadowExpire"
- "shadowFlag"
- "shadowInactive"
- "shadowLastChange"
- "shadowMax"
- "shadowMin"
- "shadowWarning"
- "singleLevelQuality"
- "sn"
- "sOARRecord"
- "SolarisAttrKeyValue"
- "SolarisAttrLongDesc"
- "SolarisAttrReserved1"
- "SolarisAttrReserved2"
- "SolarisAttrShortDesc"
- "SolarisAuditAlways"

- "SolarisAuditNever"
- "SolarisAuthMethod"
- "SolarisBindDN"
- "SolarisBindPassword"
- "SolarisBindTimeLimit"
- "SolarisCacheTTL"
- "SolarisCertificatePassword"
- "SolarisCertificatePath"
- "SolarisDataSearchDN"
- "SolarisKernelSecurityPolicy"
- "SolarisLDAPServers"
- "SolarisPreferredServer"
- "SolarisPreferredServerOnly"
- "SolarisProfileId"
- "SolarisProfileType"
- "SolarisProjectAttr"
- "SolarisProjectID"
- "SolarisProjectName"
- "SolarisSearchBaseDN"
- "SolarisSearchReferral"
- "SolarisSearchScope"
- "SolarisSearchTimeLimit"
- "SolarisTransportSecurity"
- "SolarisUserQualifier"
- "st"
- "street"

- "structuralObjectClass"
- "subschemaSubentry"
- "subtreeMaximumQuality"
- "subtreeMinimumQuality"
- "subtreeSpecification"
- "sun-fm-saml2-nameid-info"
- "sun-fm-saml2-nameid-infokey"
- "sun-printer-bsdaddr"
- "sun-printer-kvp"
- "sunAMAuthInvalidAttemptsData"
- "sunIdentityMSISDNNumber"
- "sunKeyValue"
- "sunPluginSchema"
- "sunserviceID"
- "sunServiceSchema"
- "sunsmspriority"
- "sunxmlKeyValue"
- "supportedAlgorithms"
- "supportedApplicationContext"
- "supportedAuthPasswordSchemes"
- "supportedControl"
- "supportedExtension"
- "supportedFeatures"
- "supportedLDAPVersion"
- "supportedSASLMechanisms"
- "supportedTLSCiphers"

- "supportedTLSProtocols"
- "targetDN"
- "targetEntryUUID"
- "telephoneNumber"
- "teletexTerminalIdentifier"
- "telexNumber"
- "template-major-version-number"
- "template-minor-version-number"
- "template-url-syntax"
- "textEncodedORAddress"
- "title"
- "uddiAccessPoint"
- "uddiAddressLine"
- "uddiAuthorizedName"
- "uddiBindingKey"
- "uddiBusinessKey"
- "uddiCategoryBag"
- "uddiDescription"
- "uddiDiscoveryURLs"
- "uddiEMail"
- "uddiFromKey"
- "uddiHostingRedirector"
- "uddiIdentifierBag"
- "uddiInstanceDescription"
- "uddiInstanceParms"
- "uddiIsHidden"
- "uddiIsProjection"

- "uddiKeyedReference"
- "uddiLang"
- "uddiName"
- "uddiOperator"
- "uddiOverviewDescription"
- "uddiOverviewURL"
- "uddiPersonName"
- "uddiPhone"
- "uddiServiceKey"
- "uddiSortCode"
- "uddiTModelKey"
- "uddiToKey"
- "uddiUseType"
- "uddiUUID"
- "uddiv3BindingKey"
- "uddiv3BriefResponse"
- "uddiv3BusinessKey"
- "uddiv3DigitalSignature"
- "uddiv3EntityCreationTime"
- "uddiv3EntityDeletionTime"
- "uddiv3EntityKey"
- "uddiv3EntityModificationTime"
- "uddiv3ExpiresAfter"
- "uddiv3MaxEntities"
- "uddiv3NodeId"
- "uddiv3NotificationInterval"
- "uddiv3ServiceKey"

- "uddiv3SubscriptionFilter"
- "uddiv3SubscriptionKey"
- "uddiv3TModelKey"
- "uid"
- "uidNumber"
- "uniqueIdentifier"
- "uniqueMember"
- "userCertificate"
- "userClass"
- "userPassword"
- "userPKCS12"
- "userSMIMECertificate"
- "vendorName"
- "vendorVersion"
- "webauthnDeviceProfiles"
- "winAccountName"
- "x121Address"
- "x500UniqueIdentifier"

aci

Values are Access Control Instructions (ACI). See the directory documentation for details.

<i>Origin</i>	Sun Java System Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	Sun-defined access control information attribute type
<i>OID</i>	2.16.840.1.113730.3.1.55
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	aci
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Sun-defined Access Control Information

aciRights

Shows effective access rights. See the directory documentation for details.

<i>Origin</i>	Sun Java System Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	Sun-defined access control effective rights attribute type
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.39
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	aciRights
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

aciRightsInfo

Shows how the server calculates effective access rights. See the directory documentation for details.

<i>Origin</i>	Sun Java System Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	Sun-defined access control effective rights information attribute type
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.40
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true

<i>Names</i>	aclRightsInfo
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

administratorsAddress

An address for contacting the administrator who manages the server. For example, <mailto:helpdesk@example.com>.

<i>Origin</i>	draft-wahl-ldap-adminaddr
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	administratorsAddress
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

aliasedObjectName

Holds the name of the entry that an alias points to.

An alias name is an alternative name for an entry. Alias objects are leaf entries (no subordinates).

ForgeRock servers do not support alias dereferencing.

<i>Origin</i>	RFC 4512
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch

<i>Single Value</i>	true
<i>Names</i>	aliasedObjectName
<i>User Modification Allowed</i>	true
<i>Used By</i>	alias
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

alive

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	dSAOperation
<i>Description</i>	Indicates whether the server is alive
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.507
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	alive
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Boolean

altServer

This operational attribute lists URIs of alternate servers to contact when this server is not available.

<i>Origin</i>	RFC 4512
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	altServer
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

aRecord

A type A (address) DNS resource record.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.26
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	aRecord
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

assignedDashboard

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Dashboard App registry
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.3.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	assignedDashboard
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	forgerock-am-dashboard-service
<i>Schema File</i>	60-identity-store-ds-dashboard.ldif
<i>Syntax</i>	Directory String

associatedDomain

An attribute for specifying DNS hostnames associated with an object. For example, the entry with DN `dc=example,dc=com` could have an associated domain of `example.com`.

Values of this attribute conform to the following ABNF:

```

domain = root / label *( DOT label )
root    = SPACE
label   = LETDIG [ *61( LETDIG / HYPHEN ) LETDIG ]
LETDIG = %x30-39 / %x41-5A / %x61-7A ; "0" - "9" / "A" - "Z" / "a" - "z"
SPACE  = %x20                      ; space ( " " )
HYPHEN = %x2D                      ; hyphen ( "-" )
DOT     = %x2E                      ; period ( "." )

```

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.37
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	associatedDomain
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	domainRelatedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

associatedName

DNs of entries associated with a DNS domain.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications

<i>OID</i>	0.9.2342.19200300.100.1.38
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	associatedName
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, domain, rFC822LocalPart
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

attributeMap

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Attribute mappings used, required, or supported by an agent or service
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.9
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	attributeMap
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	IA5 String

attributeTypes

This operational attribute used in LDAP schema defines attribute types, which specify attributes of directory entries, including their syntaxes and matching rules.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.5

<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	attributeTypes
<i>User Modification Allowed</i>	true
<i>Used By</i>	subschema
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Attribute Type Description

audio

Attribute for storing sounds encoded according to the μ -law algorithm.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.55
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	audio
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Octet String

authenticationMethod

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Identifies the types of authentication methods either used, required, or provided by a service or peer
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true

<i>Names</i>	authenticationMethod
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Directory String

authorityRevocationList

X.509 certificate lists, as described in X.509 clause 11.2.5.

Request and transfer values using the binary option for the attribute description, `authorityRevocationList;binary`.

<i>Origin</i>	RFC 4523
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.38
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	authorityRevocationList
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	cRLDistributionPoint, certificationAuthority, certificationAuthority-V2, pkiCA
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Certificate List

authPassword

Encoded or hashed passwords, prefixed with a scheme and authentication info.

<i>Origin</i>	RFC 3112
<i>Usage</i>	userApplications
<i>Description</i>	password authentication information
<i>OID</i>	1.3.6.1.4.1.4203.1.3.4
<i>Equality Matching Rule</i>	authPasswordExactMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	authPassword
<i>User Modification Allowed</i>	true
<i>Used By</i>	authPasswordObject, ipHost, posixAccount, posixGroup, shadowAccount
<i>Schema File</i>	03-rfc3112.ldif
<i>Syntax</i>	Authentication Password Syntax

automountInformation

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	Automount information
<i>OID</i>	1.3.6.1.1.1.1.33
<i>Substring Matching Rule</i>	caseExactIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	automountInformation
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	automount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

automountKey

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	Automount Key value
<i>OID</i>	1.3.6.1.1.1.1.32
<i>Substring Matching Rule</i>	caseExactIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	automountKey

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	automount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

automountMapName

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	automount Map Name
<i>OID</i>	1.3.6.1.1.1.1.31
<i>Substring Matching Rule</i>	caseExactIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	automountMapName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	automountMap
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

bindTimeLimit

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Maximum time an agent or service allows for a bind operation to complete
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.4
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	bindTimeLimit
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Integer

blockInheritance

<i>Origin</i>	draft-ietf-ldup-subentry
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.7628.5.4.2
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	blockInheritance
<i>User Modification Allowed</i>	false
<i>Used By</i>	inheritableLDAPSubEntry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Boolean

bootFile

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	Boot image name
<i>OID</i>	1.3.6.1.1.1.1.24
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	bootFile
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	bootableDevice
<i>Schema File</i>	04-rfc2307bis.ldif

<i>Syntax</i>	IA5 String
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bootParameter

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	rpc.bootparamd parameter
<i>OID</i>	1.3.6.1.1.1.1.23
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	bootParameter
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	bootableDevice
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

buildingName

Names of buildings where an organization or organizational unit is based.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.48
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	buildingName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotOrganization
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

businessCategory

The kind of business performed by an organization. Each kind corresponds to a different attribute value.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.15
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	businessCategory
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, organization, organizationalUnit, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

c-FacsimileTelephoneNumber

Fax phone number for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	facsimileTelephoneNumber
<i>Collective</i>	true
<i>OID</i>	2.5.4.23.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-FacsimileTelephoneNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Facsimile Telephone Number

c-InternationalISDNNumber

ISDN address for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	internationalISDNNumber
<i>Collective</i>	true
<i>OID</i>	2.5.4.25.1
<i>Substring Matching Rule</i>	numericStringSubstringsMatch
<i>Equality Matching Rule</i>	numericStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-InternationalISDNNumber
<i>Ordering Matching Rule</i>	numericStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Numeric String

c-l

Name of a locality or place for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	l
<i>Collective</i>	true
<i>OID</i>	2.5.4.7.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-l

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

C-O

Organization name for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	o
<i>Collective</i>	true
<i>OID</i>	2.5.4.10.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-o
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

C-OU

Organizational unit name for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	ou
<i>Collective</i>	true
<i>OID</i>	2.5.4.11.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-ou
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

c-PhysicalDeliveryOfficeName

Post office for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	physicalDeliveryOfficeName
<i>Collective</i>	true
<i>OID</i>	2.5.4.19.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-PhysicalDeliveryOfficeName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

c-PostalAddress

Postal address for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	postalAddress
<i>Collective</i>	true
<i>OID</i>	2.5.4.16.1

<i>Substring Matching Rule</i>	caseIgnoreListSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreListMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-PostalAddress
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Postal Address

c-PostalCode

Postal code for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	postalCode
<i>Collective</i>	true
<i>OID</i>	2.5.4.17.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-PostalCode
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

c-PostOfficeBox

Postal box identifier for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	postOfficeBox
<i>Collective</i>	true

<i>OID</i>	2.5.4.18.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-PostOfficeBox
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

c-st

Full name of a state or province for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	st
<i>Collective</i>	true
<i>OID</i>	2.5.4.8.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-st
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

c-street

Street address for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications

<i>Superior Type</i>	street
<i>Collective</i>	true
<i>OID</i>	2.5.4.9.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-street
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

c-TelephoneNumber

Phone number for a collection of entries.

<i>Origin</i>	RFC 3671
<i>Usage</i>	userApplications
<i>Superior Type</i>	telephoneNumber
<i>Collective</i>	true
<i>OID</i>	2.5.4.20.1
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-TelephoneNumber
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Telephone Number

c-TelexNumber

Telex terminal number for a collection of entries.

<i>Origin</i>	RFC 3671
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<i>Usage</i>	userApplications
<i>Superior Type</i>	telexNumber
<i>Collective</i>	true
<i>OID</i>	2.5.4.21.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	c-TelexNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Telex Number

C

Two-letter ISO 3166 country code.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	c, countryName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	country, friendlyCountry, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Country String

cACertificate

X.509 certificate issued to the Certificate Authority (CA), as described in X.509 clause 11.2.2.

Request and transfer values using the binary option for the attribute description, `cACertificate;binary`.

<i>Origin</i>	RFC 4523
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.37
<i>Equality Matching Rule</i>	certificateExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	cACertificate
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	certificationAuthority, certificationAuthority-V2, pkiCA
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Certificate

calCalAdrURI

Protocol-independent location for a calendaring and scheduling client to send an event request to a user.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.481
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calCalAdrURI
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif
<i>Syntax</i>	IA5 String

calCalURI

Protocol-independent location for a calendaring and scheduling client to retrieve an entire snapshot copy of a user's calendar as one or more iCalendar objects.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.478
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calCalURI
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif
<i>Syntax</i>	IA5 String

calCAPURI

Protocol-independent location for a calendaring and scheduling client can communicate with a user's entire calendar.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.480
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calCAPURI
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif

Syntax	IA5 String
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calFBURL

Protocol-independent location for a calendaring and scheduling client to retrieve information about when a user is busy as an iCalendar object with one or more "VFREEBUSY" calendar components.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.479
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calFBURL
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif
<i>Syntax</i>	IA5 String

calOtherCalAdrURIs

Protocol-independent additional locations for a calendaring and scheduling client to send event requests to a user.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.485
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calOtherCalAdrURIs
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif
<i>Syntax</i>	IA5 String

calOtherCalURIs

Protocol-independent location for a calendaring and scheduling client to retrieve snapshots of other calendars a user has as iCalendar objects.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.482
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calOtherCalURIs
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif
<i>Syntax</i>	IA5 String

calOtherCAPURIs

Protocol-independent location for a calendaring and scheduling client can communicate with a user's other calendars.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.484
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calOtherCAPURIs
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif
<i>Syntax</i>	IA5 String

calOtherFBURLs

Protocol-independent location for a calendaring and scheduling client to retrieve other information about when a user is busy as iCalendar objects with one or more "VFREEBUSY" calendar components.

<i>Origin</i>	RFC 2739
<i>Usage</i>	userApplications
<i>OID</i>	1.2.840.113556.1.4.483
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	calOtherFBURLs
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	calEntry
<i>Schema File</i>	03-rfc2739.ldif
<i>Syntax</i>	IA5 String

carLicense

Car license or registration plate number for a person's vehicle.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	vehicle license or registration plate
<i>OID</i>	2.16.840.1.113730.3.1.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	carLicense
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

certificateRevocationList

X.509 certificate lists, as described in X.509 clause 11.2.4.

Request and transfer values using the binary option for the attribute description, `certificateRevocationList;binary`.

<i>Origin</i>	RFC 4523
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.39
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	certificateRevocationList
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	cRLDistributionPoint, certificationAuthority, certificationAuthority-V2, pkiCA
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Certificate List

changeInitiatorsName

Points to the entry that initiated the modification.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	The initiator user of the change

<i>OID</i>	1.3.6.1.4.1.26027.1.1.604
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	changeInitiatorsName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Directory String

changelog

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	directoryOperation
<i>Description</i>	the distinguished name of the entry which contains the set of entries comprising this servers changelog
<i>OID</i>	2.16.840.1.113730.3.1.35
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	changelog
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

changeLogCookie

Opaque unique identifier for a change in distributed replication changelog.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	The OpenDS opaque cookie for the External Changelog
<i>OID</i>	1.3.6.1.4.1.26027.1.1.591

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	changeLogCookie
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Directory String

changeNumber

The set of changes made to a directory server is given by the set of all entries in the changelog, ordered by `changeNumber`, which strictly increases for a given server.

Note The `changeNumber` is unique to a server, and not necessarily shared or synchronized across servers. The change numbers for ForgeRock servers can be synchronized using the `dsrepl reset-change-number` command. ForgeRock servers also provide an alternative `changeLogCookie` attribute, which can be used reliably across a replicated topology.

A client application may synchronize its local copy of directory data by reading the server's changelog for entries where the `changeNumber` is greater than or equal to the last change that the client read from the server. A server can, however, trim its changelog. If the last change read from the changelog is not returned in search results, the client application must fall back to rebuilding its entire copy of directory data.

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	userApplications
<i>Description</i>	a number which uniquely identifies a change made to a directory entry
<i>OID</i>	2.16.840.1.113730.3.1.5
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	changeNumber
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif

Syntax	Integer
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changes

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	userApplications
<i>Description</i>	a set of changes to apply to an entry
<i>OID</i>	2.16.840.1.113730.3.1.8
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	changes
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Octet String

changeTime

Indicates when an entry was changed for replication.

<i>Origin</i>	Sun Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	the time when the change was processed
<i>OID</i>	2.16.840.1.113730.3.1.77
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	changeTime
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif

Syntax

Directory String

changeType

The type of change made to the entry specified by the `targetDN` attribute of the changelog entry. One of:

- add
- delete
- modify
- modrdn

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	userApplications
<i>Description</i>	the type of change made to an entry
<i>OID</i>	2.16.840.1.113730.3.1.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	changeType
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Directory String

cn

X.500 `commonName` attribute that contains the name of an object.

When used for a person, this attribute contains the full name.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.3

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	cn, commonName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile, SolarisAuthAttr, SolarisNamingProfile, SolarisProfAttr, applicationEntity, applicationProcess, cRLDistributionPoint, container, corbaContainer, dSA, device, document, documentSeries, ds-monitor-branch, ds-monitor-changelog, ds-monitor-connection-handler, ds-monitor-entry-cache, ds-monitor-health-status, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler, ds-monitor-work-queue, ds-pwp-password-policy, fr-idm-internal-role, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, inheritableLDAPSubEntry, inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry, ipHost, ipNetwork, ipProtocol, ipService, javaContainer, ldapSubEntry, mailGroup, namedObject, nisKeyObject, nisMailAlias, nisNetId, nisNetgroup, nisObject, nisplusTimeZoneData, oncRpc, organizationalPerson, organizationalRole, person, pilotDSA, pilotPerson, posixAccount, rFC822LocalPart, residentialPerson, room, sambaSamAccount, subentry, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

cNAMERecord

A type CNAME (canonical name) DNS resource record.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.31
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	cNAMERecord
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

CO

Friendly country name in human readable format. This attribute is commonly used with `c` country name, whose values are two-letter codes defined in the ISO 3166 standard.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.43
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	co, friendlyCountryName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit, friendlyCountry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

collectiveAttributeSubentries

This operational attribute identifies the collective attribute subentries that apply to the entry.

<i>Origin</i>	RFC 3671
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	collectiveAttributeSubentries
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif

Syntax	DN
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collectiveConflictBehavior

Indicates how to handle conflicts between real (stored) and virtual (computed) attribute values.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.606
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	collectiveConflictBehavior
<i>Ordering Matching Rule</i>	1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6
<i>User Modification Allowed</i>	true
<i>Used By</i>	inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Collective Conflict Behavior

collectiveExclusions

This operational attribute identifies the collective attributes to exclude from the entry. The value `excludeAllCollectiveAttributes` causes all collective attributes to be excluded.

<i>Origin</i>	RFC 3671
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	collectiveExclusions
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif

Syntax	OID
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corbalor

String representation of an interoperable object reference (IOR) for a CORBA object. The value holds all the information necessary to locate the object even if it is in another ORB.

<i>Origin</i>	RFC 2714
<i>Usage</i>	userApplications
<i>Description</i>	Stringified interoperable object reference of a CORBA object
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.14
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	corbaIor
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	corbaObjectReference
<i>Schema File</i>	03-rfc2714.ldif
<i>Syntax</i>	IA5 String

corbaRepositoryId

Unique repository ID, also known as type ID, for a CORBA interface. Multiple values reflect multiple interfaces, but the list is not necessarily complete.

Although the value string can be of any syntax, the following ID styles are specified:

IDL style: `IDL:Prefix/ModuleName/InterfaceName:VersionNumber`

Format used for standard interface definition language (IDL) IDs.

RMI style: `RMI:ClassName:HashCode[:SUID]`

Format used by RMI-IIOP remote objects.

- `ClassName` is the fully qualified name of the class.
- `HashCode` is the result of the object's `hashCode()` method.
- `SUID` is the 64-bit stream unique identifier for the serialization version of the class.

DCE style: DCE:UUID

Format used for DCE/CORBA interoperability, where the UUID represents a DCE UUID.

Local

The format is defined by the local Object Request Broker (ORB).

<i>Origin</i>	RFC 2714
<i>Usage</i>	userApplications
<i>Description</i>	Repository ids of interfaces implemented by a CORBA object
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.15
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	corbaRepositoryId
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	corbaObject, corbaObjectReference
<i>Schema File</i>	03-rfc2714.ldif
<i>Syntax</i>	Directory String

coreTokenDate01

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped date field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.126
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenDate01
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken

<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Generalized Time

coreTokenDate02

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped date field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.127
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenDate02
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Generalized Time

coreTokenDate03

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped date field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.128
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenDate03
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Generalized Time

coreTokenDate04

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped date field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.129
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenDate04
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Generalized Time

coreTokenDate05

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped date field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.130
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenDate05
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Generalized Time

coreTokenExpirationDate

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	Token expiration date
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.98
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenExpirationDate
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Generalized Time

coreTokenId

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	Token unique ID
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.96
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenId

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenInteger01

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.116
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger01
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger02

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.117
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	coreTokenInteger02
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger03

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.118
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger03
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger04

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.119
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger04
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger05

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.120
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger05
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger06

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.121
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger06
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger07

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.122
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger07
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger08

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.123

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger08
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger09

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.124
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger09
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenInteger10

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped integer field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.125
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenInteger10
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Integer

coreTokenMultiString01

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped multi value string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.136
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	coreTokenMultiString01
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenMultiString02

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped multi value string field

<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.137
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	coreTokenMultiString02
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenMultiString03

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	OAuth2 Grantset Authorization
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.138
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	ctsOAuth2GrantSetEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	coreTokenMultiString03
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenObject

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications

<i>Description</i>	Serialised JSON object for Token
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.100
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenObject
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Binary

coreTokenString01

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.101
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString01
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString02

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications

<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.102
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString02
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString03

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.103
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString03
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString04

<i>Origin</i>	ForgeRock OpenAM CTSv2
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<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.104
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString04
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString05

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.105
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString05
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString06

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.106
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString06
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString07

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.107
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString07
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString08

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.108
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString08
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString09

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.109
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString09
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString10

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.110
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString10
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString11

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.111
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString11
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString12

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.112
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString12
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString13

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.113
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString13
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString14

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.114
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString14
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenString15

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	General mapped string field
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.115
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenString15
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenTtlDate

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	TTL expiration date
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.139
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	coreTokenTtlDate
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Generalized Time

coreTokenType

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	Token type
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.97
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenType
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

coreTokenUserId

<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Usage</i>	userApplications
<i>Description</i>	ID of the owning user
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.99
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	coreTokenUserId
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	frCoreToken
<i>Schema File</i>	60-cts-schema.ldif
<i>Syntax</i>	Directory String

createTimestamp

For entries added over protocol (by an LDAP add request), this operational attribute reflects the time the entry was first added.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	createTimestamp
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Generalized Time

creatorsName

For entries added over protocol (by an LDAP add request), this operational attribute indicates the DN of the creator's entry.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.3
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	creatorsName
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

credentialLevel

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Identifies type of credentials either used, required, or supported by an agent or service
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	credentialLevel
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUACfgProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	IA5 String

crossCertificatePair

X.509 certificate pair, as described in X.509 clause 11.2.3.

Request and transfer values using the binary option for the attribute description, `crossCertificatePair;binary`.

<i>Origin</i>	RFC 4523
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.40
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	crossCertificatePair
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	certificationAuthority, certificationAuthority-V2, pkiCA
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Certificate Pair

dc

Domain component as described in RFC 1274, where each attribute value holds one component, or label, of a DNS domain name. A value of this attribute is a string of ASCII characters following this ABNF:

```
label = (ALPHA / DIGIT) [*61(ALPHA / DIGIT / HYPHEN) (ALPHA / DIGIT)]
ALPHA  = %x41-5A / %x61-7A      ; "A"- "Z" / "a"- "z"
DIGIT  = %x30-39                ; "0"- "9"
HYPHEN = %x2D                   ; hyphen (" - ")
```

Examples: `example, com` (but not `example.com`)

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.25
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match

<i>Single Value</i>	true
<i>Names</i>	dc, domainComponent
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dcObject, domain, rFC822LocalPart, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

defaultSearchBase

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Default base for searches
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	defaultSearchBase
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	DN

defaultSearchScope

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Default scope used when performing a search
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true

<i>Names</i>	defaultSearchScope
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	IA5 String

defaultServerList

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	List of default servers
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.0
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	defaultServerList
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Directory String

deleteOldRDN

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	userApplications
<i>Description</i>	a flag which indicates if the old RDN should be retained as an attribute of the entry
<i>OID</i>	2.16.840.1.113730.3.1.10
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	deleteOldRDN

<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Boolean

deltaRevocationList

X.509 certificate lists, as described in X.509 clause 11.2.6.

Request and transfer values using the binary option for the attribute description, `deltaRevocationList;binary`.

<i>Origin</i>	RFC 4523
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.53
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	deltaRevocationList
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	cRLDistributionPoint, certificationAuthority-V2, deltaCRL
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Certificate List

departmentNumber

Code for the department that a person belongs to.

Examples: `1234`, `ABC/123`.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	identifies a department within an organization
<i>OID</i>	2.16.840.1.113730.3.1.2
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	departmentNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

dereferenceAliases

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Specifies if a service or agent either requires, supports, or uses dereferencing of aliases.
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.16
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	dereferenceAliases
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Boolean

description

Human-readable descriptive phrase about the entry.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	description
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisProject, account, applicationEntity, applicationProcess, automount, automountMap, corbaObject, corbaObjectReference, country, dNSDomain, dSA, device, dmd, document, documentSeries, domain, fr-idm-internal-role, friendlyCountry, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, ipHost, ipNetwork, ipProtocol, ipService, javaMarshaledObject, javaNamingReference, javaObject, javaSerializedObject, locality, nisKeyObject, nisMap, nisNetgroup, nisObject, nisplusTimeZoneData, oncRpc, organization, organizationalPerson, organizationalRole, organizationalUnit, person, pilotDSA, pilotOrganization, pilotPerson, posixAccount, posixGroup, rFC822LocalPart, residentialPerson, room, sambaConfig, sambaConfigOption, sambaGroupMapping, sambaSamAccount, sambaShare, shadowAccount, slpService, slpServicePrinter, sunRealmService, sunservice, sunservicecomponent, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

destinationIndicator

Country and city strings used by the Public Telegram Service.

The strings depend on CCITT Recommendations F.1 and F.31.

Examples: **AASD** (Sydney, Australia), **GBLD** (London, United Kingdom)

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.27
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	destinationIndicator
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Printable String

devicePrintProfiles

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Device print profiles information is stored in this attribute
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	devicePrintProfiles
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	devicePrintProfilesContainer
<i>Schema File</i>	60-identity-store-ds-deviceprint.ldif
<i>Syntax</i>	Directory String

deviceProfiles

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Device profiles string
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	deviceProfiles
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	deviceProfilesContainer
<i>Schema File</i>	60-identity-store-ds-deviceprofiles.ldif
<i>Syntax</i>	Directory String

displayName

Name to be used for displaying an entry, especially in a one-line summary list.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	preferred name of a person to be used when displaying entries
<i>OID</i>	2.16.840.1.113730.3.1.241
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	displayName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, sambaGroupMapping, sambaSamAccount
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

distinguishedName

Base type for user attribute types with DN syntax.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.49
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	distinguishedName
<i>User Modification Allowed</i>	true

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

dITContentRules

This operational attribute used in LDAP schema defines DIT content rules, which specify the content of entries with a given structural object class.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.2
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	dITContentRules
<i>User Modification Allowed</i>	true
<i>Used By</i>	subschema
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DIT Content Rule Description

dITRedirect

DN indicating a newer entry for this entry. This entry should expire after a suitable grace period, for example, after the person changes organizations.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.54
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	dITRedirect
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotObject
<i>Schema File</i>	00-core.ldif

Syntax	DN
--------	----

dITStructureRules

This operational attribute used in LDAP schema defines DIT structure rules, which specify the names entries may have, and how entries may be related to each other.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.1
<i>Equality Matching Rule</i>	integerFirstComponentMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	dITStructureRules
<i>User Modification Allowed</i>	true
<i>Used By</i>	subschema
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DIT Structure Rule Description

dmdName

A Directory Management Domain (DMD) name. The DMD is the administrative authority for this directory server.

<i>Origin</i>	RFC 2256
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.54
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	dmdName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dmd

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

dnQualifier

Disambiguating information for the RDN of an entry. The information can be used to avoid conflicts when merging data from multiple sources.

All values for this attribute from a particular source should be the same.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.46
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	dnQualifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Printable String

documentAuthor

DNs of the entries for authors and editors of a document.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.14
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	documentAuthor
<i>User Modification Allowed</i>	true

<i>Used By</i>	document
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

documentIdentifier

Unique identifier(s) of a document.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	documentIdentifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	document
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

documentLocation

Location(s) of the document original.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.15
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	documentLocation
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	document
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

documentPublisher

DNs of the person or organization who published the document. Joint publications have one value per publisher.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.56
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	documentPublisher
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	document
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

documentTitle

Titles of a document, where multiple values can specify different forms, such as long and short versions.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	documentTitle

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	document
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

documentVersion

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	documentVersion
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	document
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

drink

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	drink, favouriteDrink
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

ds-certificate-fingerprint

Holds a digital certificate fingerprint value for mapping an incoming certificate to a user entry.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.268
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-certificate-fingerprint
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-certificate-user
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-certificate-issuer-dn

Holds a digital certificate issuer DN value for validating the CA of an incoming certificate.

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.341
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-certificate-issuer-dn
<i>User Modification Allowed</i>	true

<i>Used By</i>	ds-certificate-user
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-certificate-subject-dn

Holds a digital certificate subject DN value for mapping an incoming certificate to a user entry.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.266
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-certificate-subject-dn
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-certificate-user
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-abandoned-requests

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Total number of abandoned operations since startup
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.255
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-abandoned-requests
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler

<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Counter metric

ds-mon-active-connections-count

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of active client connections
<i>OID</i>	1.3.6.1.4.1.26027.1.1.253
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-active-connections-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-active-persistent-searches

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of active persistent searches
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.254
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-active-persistent-searches
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler

<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-admin-hostport

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The administrative host and port
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.546
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-admin-hostport
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connected-replica, ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Host port

ds-mon-alias

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Certificate alias
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.464
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-alias
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-certificate

<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-alive-errors

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Lists server errors preventing the server from operating correctly that require administrative action
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.517
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-alive-errors
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-health-status
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-alive

When the value of this attribute is **true**, the server's internal tests have not found any errors that would require administrative action. This is not, however, a guarantee that the server is alive. It is possible that the server is subject to error conditions that its internal tests missed.

When the value of this attribute is **false**, however, administrative action is definitely required.

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Indicates whether the server is alive
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.515
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-alive

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-health-status
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-mon-backend-degraded-index-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of degraded indexes in the backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.364
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-degraded-index-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-backend-degraded-index

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Backend degraded index
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.365
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-backend-degraded-index
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-backend-entry-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of entries contained in the backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.363
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-entry-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend, ds-monitor-backend-db, ds-monitor-backend-pluggable, ds-monitor-backend-proxy, ds-monitor-base-dn
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-backend-filter-use-indexed

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of indexed searches performed against the backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.369
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-filter-use-indexed
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-backend-filter-use-start-time

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Time when recording started for statistical information about the simple search filters processed against the backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.368
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-filter-use-start-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-backend-filter-use-unindexed

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of unindexed searches performed against the backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.370
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-filter-use-unindexed
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-backend-filter-use

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Information about the simple search filter processed against the backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.371
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-backend-filter-use
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Json

ds-mon-backend-is-private

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Whether the base DN's of this backend should be considered public or private
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.356
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-is-private
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend, ds-monitor-backend-db, ds-monitor-backend-pluggable, ds-monitor-backend-proxy, ds-monitor-base-dn

<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-mon-backend-proxy-base-dn

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Base DN's routed to remote LDAP servers by the proxy backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.354
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-backend-proxy-base-dn
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-proxy
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-backend-proxy-shard

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Remote LDAP servers that the proxy backend forwards requests to
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.357
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-backend-proxy-shard
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-proxy
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-backend-ttl-entries-deleted

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Summary for entries purged by time-to-live
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.334
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-ttl-entries-deleted
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-backend-ttl-is-running

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Indicates whether time-to-live is in the process of purging expired entries
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.330
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-ttl-is-running
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-mon-backend-ttl-last-run-time

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Last date and time when time-to-live finished purging expired entries
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.331
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-ttl-last-run-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-backend-ttl-queue-size

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of entries queued for purging by the time-to-live service
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.333
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-ttl-queue-size
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-backend-ttl-thread-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Number of active time-to-live threads
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.332
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-ttl-thread-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db, ds-monitor-backend-pluggable
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-backend-writability-mode

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current backend behavior when processing write operations, can either be "disabled", "enabled" or "internal-only"
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.355
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-backend-writability-mode
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend, ds-monitor-backend-db, ds-monitor-backend-pluggable, ds-monitor-backend-proxy, ds-monitor-base-dn
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-base-dn-entry-count

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of subordinate entries of the base DN, including the base DN
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.367
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-base-dn-entry-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-base-dn
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-base-dn

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Base DN handled by a backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.366
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-base-dn
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-base-dn
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-build-number

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Build number of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.321
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-build-number
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-build-time

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Build date and time of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.319
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-build-time
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-bytes-read

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Network bytes read summary
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.252
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-bytes-read
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-bytes-written

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Network bytes written summary
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.253
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-bytes-written
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-cache-entry-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current number of entries held in this cache

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.360
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-cache-entry-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-entry-cache
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-cache-max-entry-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Maximum number of entries allowed in this cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.361
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-cache-max-entry-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-entry-cache
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-cache-max-size-bytes

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Memory limit for this cache

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.362
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-cache-max-size-bytes
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-entry-cache
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-cache-misses

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of attempts to retrieve an entry that was not held in this cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.358
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-cache-misses
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-entry-cache
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-cache-total-tries

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of attempts to retrieve an entry from this cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.359

<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-cache-total-tries
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-entry-cache
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-certificate-expires-at

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Certificate expiration date and time
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.277
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-certificate-expires-at
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-certificate
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-certificate-issuer-dn

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Certificate issuer DN
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.274
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-certificate-issuer-dn
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-certificate
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-certificate-serial-number

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Certificate serial number
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.276
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-certificate-serial-number
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-certificate
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-certificate-subject-dn

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Certificate subject DN
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.275
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-certificate-subject-dn
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-certificate
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-changelog-hostport

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The host and port of the changelog server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.549
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-changelog-hostport
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connected-changelog, ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Host port

ds-mon-changelog-id

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Changelog identifier
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.559
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true

<i>Names</i>	ds-mon-changelog-id
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connected-changelog
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-changelog-purge-delay

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The purge delay of the changelog
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.550
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-changelog-purge-delay
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Duration in milli-seconds

ds-mon-compact-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Compact version of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.314
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-compact-version

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-config-dn

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	DN of the configuration entry
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.273
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-config-dn
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-connected-to-server-hostport

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Host and replication port of the server that this server is connected to
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.465
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-connected-to-server-hostport
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Host port

ds-mon-connected-to-server-id

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Identifier of the server that this server is connected to
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.462
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-connected-to-server-id
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-connection

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Client connection summary information
<i>OID</i>	1.3.6.1.4.1.26027.1.1.251
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-connection
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Json

ds-mon-connections

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Connection summary
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.251
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-connections
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-current-connections

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of client connections currently established with the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.326
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-current-connections
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif

Syntax	Integer
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ds-mon-current-receive-window

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current replication window size for receiving messages, indicating the number of replication messages a remote server can send before waiting on acknowledgement from this server. This does not depend on the TCP window size
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.492
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-current-receive-window
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-current-time

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current date and time
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.324
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-current-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif

Syntax	Generalized Time
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ds-mon-db-cache-evict-internal-nodes-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of internal nodes evicted from the database cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.373
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-evict-internal-nodes-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-cache-evict-leaf-nodes-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of leaf nodes (data records) evicted from the database cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.374
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-evict-leaf-nodes-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-cache-leaf-nodes

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Whether leaf nodes are cached
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.531
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-leaf-nodes
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-mon-db-cache-misses-internal-nodes

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of internal nodes requested by btree operations that were not in the database cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.377
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-misses-internal-nodes
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-cache-misses-leaf-nodes

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of leaf nodes (data records) requested by btree operations that were not in the database cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.378
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-misses-leaf-nodes
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-cache-size-active

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Size of the database cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.379
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-size-active
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-db-cache-size-total

<i>Origin</i>	ForgeRock Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Maximum size of the database cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.624
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-size-total
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-db-cache-total-tries-internal-nodes

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of internal nodes requested by btree operations
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.375
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-total-tries-internal-nodes
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-cache-total-tries-leaf-nodes

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of leaf nodes (data records) requested by btree operations
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.376
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-cache-total-tries-leaf-nodes
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-checkpoint-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of checkpoints run so far
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.387
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-checkpoint-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-log-cleaner-file-deletion-count

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of cleaner file deletions
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.381
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-log-cleaner-file-deletion-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-log-files-open

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of files currently open in the database file cache
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.385
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-log-files-open
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-log-files-opened

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of times a log file has been opened
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.386
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-log-files-opened
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-log-size-active

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Estimate of the amount in bytes of live data in all data files (i.e., the size of the DB, ignoring garbage)
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.380
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-log-size-active
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-db-log-size-total

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Size used by all data files on disk
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.384
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-log-size-total
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-db-log-utilization-max

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current maximum (upper bound) log utilization as a percentage
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.383
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-log-utilization-max
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-log-utilization-min

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Current minimum (lower bound) log utilization as a percentage
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.382
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-log-utilization-min
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-db-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Database version used by the backend
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.372
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-db-version
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-backend-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-disk-dir

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	A monitored directory containing data that may change over time
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.339
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-disk-dir
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-disk-space
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Filesystem path

ds-mon-disk-free

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Amount of free disk space
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.335
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-disk-free
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-disk-space
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-disk-full-threshold

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Effective full disk space threshold
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.338
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-disk-full-threshold
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-disk-space
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-disk-low-threshold

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Effective low disk space threshold
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.337
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-disk-low-threshold
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-disk-space
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-disk-root

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Monitored disk root

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.353
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-disk-root
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-disk-space
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Filesystem path

ds-mon-disk-state

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current disk state, can be either "normal", "low" or "full"
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.336
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-disk-state
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-disk-space
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-domain-generation-id

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Replication domain generation identifier
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.467

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-domain-generation-id
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-changelog-domain, ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-domain-name

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Replication domain name
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.466
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-domain-name
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-changelog-domain, ds-monitor-remote-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-entries-awaiting-updates-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of entries for which an update operation has been received but not replayed yet by this replica
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.500
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-entries-awaiting-updates-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-fix-ids

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	IDs of issues that have been fixed in this Directory Server build
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.322
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-fix-ids
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-full-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Full version of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.313

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-full-version
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-group-id

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Unique identifier of the group in which the directory server belongs
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.543
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-group-id
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-healthy-errors

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Lists transient server errors preventing the server from temporarily handling requests
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.518

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-healthy-errors
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-health-status
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-healthy

When the value of this attribute is **true**, the server has not found any transient server errors preventing it from handling requests. This is not, however, a guarantee that the server is ready to handle all requests. It is possible that the server is subject to error conditions that its internal tests missed.

When the value of this attribute is **false**, however, the server's internal tests have definitely found transient errors. Route traffic to another server until this attribute is **true** again.

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Indicates whether the server is able to handle requests
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.516
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-healthy
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-health-status
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-mon-install-path

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Directory Server root installation path
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.305
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-install-path
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Filesystem path

ds-mon-instance-path

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Directory Server instance path
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.306
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-instance-path
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Filesystem path

ds-mon-jvm-architecture

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Java virtual machine architecture (e.g. 32-bit, 64-bit)
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.299
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-architecture
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-arguments

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Input arguments passed to the Java virtual machine
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.307
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-arguments
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-available-cpus

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of processors available to the Java virtual machine
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.301
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-available-cpus
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-class-path

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Path used to find directories and JAR archives containing Java class files
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.294
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-class-path
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Filesystem path

ds-mon-jvm-classes-loaded

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of classes loaded since the Java virtual machine started
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.388
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-classes-loaded
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-classes-unloaded

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of classes unloaded since the Java virtual machine started
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.389
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-classes-unloaded
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-java-home

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Installation directory for Java runtime environment (JRE)
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.293
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-java-home
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Filesystem path

ds-mon-jvm-java-vendor

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Java runtime environment (JRE) vendor
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.290
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-java-vendor
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-java-version

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Java runtime environment (JRE) version
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.289
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-java-version
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-memory-heap-init

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Amount of heap memory that the Java virtual machine initially requested from the operating system
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.391
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-heap-init
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-heap-max

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Maximum amount of heap memory that the Java virtual machine will attempt to use
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.397
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-heap-max
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-heap-reserved

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Amount of heap memory that is committed for the Java virtual machine to use
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.395
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-heap-reserved
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-heap-used

<i>Origin</i>	OpenDJ Directory Server
---------------	-------------------------

<i>Usage</i>	userApplications
<i>Description</i>	Amount of heap memory used by the Java virtual machine
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.393
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-heap-used
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-init

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Amount of memory that the Java virtual machine initially requested from the operating system
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.390
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-init
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-max

<i>Origin</i>	OpenDJ Directory Server
---------------	-------------------------

<i>Usage</i>	userApplications
<i>Description</i>	Maximum amount of memory that the Java virtual machine will attempt to use
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.302
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-max
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-non-heap-init

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Amount of non-heap memory that the Java virtual machine initially requested from the operating system
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.392
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-non-heap-init
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-non-heap-max

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Maximum amount of non-heap memory that the Java virtual machine will attempt to use
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.398
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-non-heap-max
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-non-heap-reserved

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Amount of non-heap memory that is committed for the Java virtual machine to use
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.396
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-non-heap-reserved
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-non-heap-used

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Amount of non-heap memory used by the Java virtual machine
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.394
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-non-heap-used
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-reserved

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Amount of memory that is committed for the Java virtual machine to use
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.303
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-reserved
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-memory-used

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Amount of memory used by the Java virtual machine
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.304
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-memory-used
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Size in bytes

ds-mon-jvm-supported-tls-ciphers

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Transport Layer Security (TLS) cipher suites supported by this Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.309
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-jvm-supported-tls-ciphers
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-supported-tls-protocols

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Transport Layer Security (TLS) protocols supported by this Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.308
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-jvm-supported-tls-protocols
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-threads-blocked-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of threads in the BLOCKED state
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.403
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-blocked-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-count

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of live threads including both daemon and non-daemon threads
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.407
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-daemon-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of live daemon threads
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.408
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-daemon-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-deadlock-count

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of deadlocked threads
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.409
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-deadlock-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-deadlocks

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Diagnostic stack traces for deadlocked threads
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.410
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-jvm-threads-deadlocks
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-threads-new-count

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of threads in the NEW state
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.401
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-new-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-runnable-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of threads in the RUNNABLE state
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.402
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-runnable-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-terminated-count

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of threads in the TERMINATED state
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.406
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-terminated-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-timed-waiting-count

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of threads in the TIMED_WAITING state
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.405
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-timed-waiting-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-threads-waiting-count

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Number of threads in the WAITING state
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.404
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-threads-waiting-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-jvm-vendor

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Java virtual machine vendor
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.292
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-vendor
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-jvm-version

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Java virtual machine version
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.291
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-jvm-version
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-jvm
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-last-seen

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Time that this server was last seen
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.545
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-last-seen
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-ldap-hostport

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	The host and port to connect using LDAP (no support for start TLS)
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.555
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-ldap-hostport
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Host port

ds-mon-ldap-starttls-hostport

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The host and port to connect using LDAP (with support for start TLS)
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.556
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-ldap-starttls-hostport
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Host port

ds-mon-ldaps-hostport

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	The host and port to connect using LDAPS
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.557
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-ldaps-hostport
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Host port

ds-mon-listen-address

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Host and port
<i>OID</i>	1.3.6.1.4.1.26027.1.1.252
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-listen-address
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-lost-connections

<i>Origin</i>	OpenDJ Directory Server
---------------	-------------------------

<i>Usage</i>	userApplications
<i>Description</i>	Number of times the replica lost its connection to the replication server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.488
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-lost-connections
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-major-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Major version number of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.315
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-major-version
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-max-connections

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Maximum number of simultaneous client connections that have been established with the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.327
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-max-connections
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-minor-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Minor version number of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.316
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-minor-version
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-newest-change-number

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Newest change number present in the change number index database
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.343
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-newest-change-number
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-changelog
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-newest-csn-timestamp

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Timestamp of the newest CSN present in the replica database
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.347
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-newest-csn-timestamp
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-newest-csn

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Newest CSN present in the replica database
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.345
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-newest-csn
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	CSN (Change Sequence Number)

ds-mon-oldest-change-number

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Oldest change number present in the change number index database
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.342
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-oldest-change-number
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-changelog
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-oldest-csn-timestamp

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Timestamp of the oldest CSN present in the replica database
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.346
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-oldest-csn-timestamp
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-oldest-csn

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Oldest CSN present in the replica database
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.344
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-oldest-csn
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica-db
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	CSN (Change Sequence Number)

ds-mon-os-architecture

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Operating system architecture

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.298
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-os-architecture
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-os-name

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Operating system name
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.296
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-os-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-os-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Operating system version
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.297

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-os-version
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-point-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Point version number of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.317
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-point-version
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-process-id

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Process ID of the running directory server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.544
<i>Equality Matching Rule</i>	uuidMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-process-id
<i>Ordering Matching Rule</i>	uuidOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	UUID

ds-mon-product-name

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Full name of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.310
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-product-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-protocol

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Network protocol
<i>OID</i>	1.3.6.1.4.1.26027.1.1.254
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true

<i>Names</i>	ds-mon-protocol
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-receive-delay

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current local delay in receiving replicated operations
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.287
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-current-delay, ds-mon-receive-delay
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-remote-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Duration in milli-seconds

ds-mon-replay-delay

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current local delay in replaying replicated operations
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.596
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	ds-mon-replay-delay
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-remote-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Duration in milli-seconds

ds-mon-replayed-updates-conflicts-resolved

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of updates replayed on this replica for which replication naming conflicts have been resolved
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.496
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-replayed-updates-conflicts-resolved
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Counter metric

ds-mon-replayed-updates-conflicts-unresolved

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of updates replayed on this replica for which replication naming conflicts have not been resolved
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.497
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-replayed-updates-conflicts-unresolved
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Counter metric

ds-mon-replayed-updates

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Timer for updates that have been replayed on this replica
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.288
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-replayed-updates
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-remote-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-replication-domain

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The replication domain
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.548
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-replication-domain

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-mon-replication-protocol-version

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The protocol version used for replication
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.547
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-replication-protocol-version
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-requests-abandon

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Abandon request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.256
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-abandon
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-add

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Add request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.257
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-add
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-bind

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Bind request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.258
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-bind
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-compare

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Compare request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.259
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-compare
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-delete

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Delete request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.260
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-delete
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-extended

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Extended request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.261
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-extended
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-failure-client-invalid-request

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Timer for requests that failed because there was a problem while attempting to perform the associated operation (associated LDAP result codes: 1, 2, 12, 15, 16, 17, 18, 19, 20, 21, 23, 34, 35, 36, 37, 38, 39; associated HTTP status codes: client error (4xx) except 401 and 403)
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.279
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-failure-client-invalid-request
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-failure-client-redirect

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Timer for requests that could not complete because further action is required (associated HTTP status codes: redirection (3xx))
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.285
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-failure-client-redirect
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-http-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-failure-client-referral

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Timer for requests that failed because the server did not hold the request targeted entry (but was able to provide alternative servers that may) (associated LDAP result code: 10)
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.282
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-failure-client-referral
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-failure-client-resource-limit

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Timer for requests that failed because they were trying to exceed the resource limits allocated to the associated clients (associated LDAP result codes: time, size and admin limit exceeded (respectively 4, 5 and 11))
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.281
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-failure-client-resource-limit
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-failure-client-security

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Timer for requests that failed for security reasons (associated LDAP result codes: 8, 9, 13, 25, 26, 27; associated HTTP status codes: unauthorized (401) and forbidden (403))
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.280
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-failure-client-security
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-failure-server

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Timer for apparently valid requests that failed because the server was not able to process them (associated LDAP result codes: busy (51), unavailable (52), unwilling to perform (53) and other (80); associated HTTP status codes: server error (5xx))
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.283
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-failure-server
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-failure-uncategorized

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Timer for requests that failed due to uncategorized reasons
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.284
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-failure-uncategorized
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-get

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	GET request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.271
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-get
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-http-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-in-queue

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of requests in the work queue that have not yet been picked up for processing
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.350
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-in-queue
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-work-queue
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-requests-modify-dn

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Modify DN request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.263
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-modify-dn
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-modify

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Modify request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.262
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-modify
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-patch

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	PATCH request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.269
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-patch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-http-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-post

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	POST request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.270
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-post
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-http-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-put

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	PUT request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.272
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-put
<i>Ordering Matching Rule</i>	octetStringOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-http-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-rejected-queue-full

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Summary for operations that have been rejected because the work queue was already at its maximum capacity
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.352
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-rejected-queue-full
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-work-queue
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-requests-search-base

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Base object search request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.265
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-search-base
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-search-one

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	One level search request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.266
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-search-one
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-search-sub

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Subtree search request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.267
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-search-sub
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-submitted

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Summary for operations that have been successfully submitted to the work queue
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.351
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-submitted
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-work-queue
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Summary metric

ds-mon-requests-unbind

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Unbind request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.268
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-unbind
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-requests-uncategorized

<i>Origin</i>	OpenDJ Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Uncategorized request timer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.250
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-requests-uncategorized
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Timer metric

ds-mon-revision

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Revision ID in the source repository from which the Directory Server is build
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.318
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-revision
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-sent-updates

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Number of replication updates sent by this replica
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.498
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-sent-updates
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Counter metric

ds-mon-server-id

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Server identifier
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.461
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-server-id
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-changelog, ds-monitor-connected-replica, ds-monitor-remote-replica, ds-monitor-replica, ds-monitor-replica-db, ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-server-is-local

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications

<i>Description</i>	Indicates whether this is the topology server that has handled the monitoring request
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.622
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-server-is-local
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-topology-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-mon-server-state

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Replication server state
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.469
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-mon-server-state
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connected-changelog
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	CSN (Change Sequence Number)

ds-mon-short-name

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Short name of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.311

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-short-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-ssl-encryption

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Whether SSL encryption is used when exchanging messages with this server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.493
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-ssl-encryption
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-mon-start-time

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Start date and time for the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.323
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-start-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-status-last-changed

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Last date and time the replication status of the local replica changed
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.506
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-status-last-changed
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-mon-status

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Replication status of the local replica, can either be "Invalid", "Not connected", "Normal", "Degraded", "Full update", "Bad generation id"
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.505
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-status
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-system-name

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Fully qualified domain name of the system where the Directory Server is running
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.300
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-system-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-total-connections

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Total number of client connections that have been established with the Directory Server since it started
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.328
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-total-connections
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-total-update-entry-count

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The total number of entries to be processed when a total update is in progress
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.540
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-total-update-entry-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-total-update-entry-left

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The number of entries still to be processed when a total update is in progress
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.541
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	ds-mon-total-update-entry-left
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-total-update

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The type of total update when it is in progress. Possible values: import or export
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.539
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-total-update
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-updates-inbound-queue

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of remote updates received from the replication server but not replayed yet on this replica
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.501
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-updates-inbound-queue
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-updates-outbound-queue

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Number of local updates that are waiting to be sent to the replication server once they complete
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.499
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-updates-outbound-queue
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-mon-updates-totals-per-replay-thread

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	JSON array of the number of updates replayed per replay thread
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.502
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-updates-totals-per-replay-thread
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-replica
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Json

ds-mon-vendor-name

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Vendor name of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.312
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-vendor-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-version-qualifier

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Version qualifier of the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.320
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-version-qualifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-mon-working-directory

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Current working directory of the user running the Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.295
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-mon-working-directory
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-monitor-server
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Filesystem path

ds-private-naming-contexts

Holds the DNs that constitute the set of private naming contexts registered with the server, not for external use by applications.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.246

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-private-naming-contexts
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-privilege-name

Holds an administrative privilege. See the directory server documentation for details.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.260
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-privilege-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-pwp-account-disabled

TRUE if the user's account has been disabled by an administrator.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.166
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-account-disabled

<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Boolean

ds-pwp-account-expiration-time

Indicates when a temporary account expires, after which it can no longer be used to authenticate.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.237
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-account-expiration-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-pwp-account-status-notification-handler

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.562
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-account-status-notification-handler
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy

<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-allow-expired-password-changes

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.563
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-allow-expired-password-changes
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-allow-multiple-password-values

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.564
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-allow-multiple-password-values
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-allow-pre-encoded-passwords

<i>Origin</i>	ForgeRock Directory Server
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<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.565
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-allow-pre-encoded-passwords
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-allow-user-password-changes

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.612
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-allow-user-password-changes
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-attribute-value-check-substrings

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.600
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-attribute-value-check-substrings
<i>User Modification Allowed</i>	true

<i>Used By</i>	ds-pwp-attribute-value-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-attribute-value-match-attribute

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.592
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-attribute-value-match-attribute
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-attribute-value-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	OID

ds-pwp-attribute-value-min-substring-length

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.601
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-attribute-value-min-substring-length
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-attribute-value-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-attribute-value-test-reversed-password

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.602
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-attribute-value-test-reversed-password
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-attribute-value-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-character-set-allow-unclassified-characters

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.595
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-character-set-allow-unclassified-characters
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-character-set-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-character-set-character-set-ranges

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.594
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-character-set-character-set-ranges
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-character-set-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-character-set-character-set

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.598
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-character-set-character-set
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-character-set-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-character-set-min-character-sets

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.593
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-character-set-min-character-sets
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-character-set-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-default-password-storage-scheme

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.561
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-default-password-storage-scheme
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-deprecated-password-storage-scheme

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.566
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-deprecated-password-storage-scheme
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy

<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-dictionary-case-sensitive-validation

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.597
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-dictionary-case-sensitive-validation
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-dictionary-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-dictionary-check-substrings

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.589
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-dictionary-check-substrings
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-dictionary-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-dictionary-data

<i>Origin</i>	ForgeRock Directory Server
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<i>Usage</i>	userApplications
<i>Description</i>	Gzip compressed dictionary, one word per line
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.588
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-dictionary-data
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-dictionary-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Octet String

ds-pwp-dictionary-min-substring-length

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.590
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-dictionary-min-substring-length
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-dictionary-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-dictionary-test-reversed-password

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.591

<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-dictionary-test-reversed-password
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-dictionary-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-expire-passwords-without-warning

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.567
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-expire-passwords-without-warning
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-force-change-on-add

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.568
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-force-change-on-add
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif

Syntax	Boolean
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ds-pwp-force-change-on-reset

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.611
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-force-change-on-reset
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-grace-login-count

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.608
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-grace-login-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-idle-lockout-interval

<i>Origin</i>	ForgeRock Directory Server
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<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.569
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-idle-lockout-interval
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-last-login-time-attribute

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.570
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-last-login-time-attribute
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	OID

ds-pwp-last-login-time-format

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.571
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-last-login-time-format
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	IA5 String

ds-pwp-last-login-time

Holds a timestamp of the last successful bind.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.162
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-last-login-time
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-pwp-length-based-max-password-length

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.580
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	ds-pwp-length-based-max-password-length
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-length-based-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-length-based-min-password-length

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.581
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-length-based-min-password-length
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-length-based-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-lockout-duration

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.609
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-lockout-duration
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-lockout-failure-count

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.610
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-lockout-failure-count
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-lockout-failure-expiration-interval

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.614
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-lockout-failure-expiration-interval
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy

<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-max-password-age

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.605
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-max-password-age
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-max-password-reset-age

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.572
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-max-password-reset-age
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-min-password-age

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.604
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-min-password-age
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-password-attribute

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.603
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-attribute
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	OID

ds-pwp-password-change-requires-current-password

<i>Origin</i>	ForgeRock Directory Server
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<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.613
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-change-requires-current-password
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-password-changed-by-required-time

Indicates whether the user's password was changed as required by the password policy.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.163
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-changed-by-required-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-pwp-password-expiration-time

Indicates when the password for the current entry expires.

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.60
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-expiration-time, pwdExpirationTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-pwp-password-expiration-warning-interval

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.607
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-expiration-warning-interval
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-password-history-count

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.606
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-history-count
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-password-history-duration

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.579
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-history-duration
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-password-policy-dn

Pointer to the entry holding the password policy for the current entry.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.244
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-password-policy-dn
<i>User Modification Allowed</i>	true

<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-pwp-previous-last-login-time-format

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.573
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-previous-last-login-time-format
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-random-password-character-set

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.582
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-pwp-random-password-character-set
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-random-generator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-random-password-format

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.583
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-random-password-format
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-random-generator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-repeated-characters-case-sensitive-validation

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.587
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-repeated-characters-case-sensitive-validation
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-repeated-characters-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-repeated-characters-max-consecutive-length

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.586

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-repeated-characters-max-consecutive-length
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-repeated-characters-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-require-change-by-time

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.574
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-require-change-by-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Generalized Time

ds-pwp-require-secure-authentication

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.575
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-require-secure-authentication

<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-require-secure-password-changes

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.576
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-require-secure-password-changes
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-reset-time

Indicates when the user's password was reset.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.164
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-reset-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-pwp-similarity-based-min-password-difference

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.584
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-similarity-based-min-password-difference
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-similarity-based-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-skip-validation-for-administrators

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.577
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-skip-validation-for-administrators
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-state-update-failure-policy

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.578
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-state-update-failure-policy
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-password-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Directory String

ds-pwp-unique-characters-case-sensitive-validation

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.599
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-unique-characters-case-sensitive-validation
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-unique-characters-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Boolean

ds-pwp-unique-characters-min-unique-characters

<i>Origin</i>	ForgeRock Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.585
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	ds-pwp-unique-characters-min-unique-characters
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-pwp-unique-characters-validator
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>Syntax</i>	Integer

ds-pwp-warned-time

Indicates when the user was first warned about an expiring password.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.165
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	ds-pwp-warned-time
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Generalized Time

ds-rlim-cursor-entry-limit

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.349
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-rlim-cursor-entry-limit
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-rlim-idle-time-limit

Sets the maximum time the server allows the user to hold an idle connection open.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.394
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-rlim-idle-time-limit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-rlim-lookthrough-limit

Sets the maximum number of entries the server considers when processing a search by the user.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.241
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-rlim-lookthrough-limit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true

<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-rlim-size-limit

Sets the maximum number of entries returned for a search by the user.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.116
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-rlim-size-limit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-rlim-time-limit

Sets the maximum server processing time for a search by the user.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.117
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ds-rlim-time-limit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Integer

ds-sync-conflict

For an entry resulting from a replication conflict, holds the DN that the entry would have had without the conflict.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.317
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-sync-conflict
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

ds-sync-fractional-exclude

Indicates which attributes to exclude in fractional replication.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.589
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-sync-fractional-exclude
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-sync-fractional-include

Indicates which attributes to include in fractional replication.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.588
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-sync-fractional-include
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-sync-generation-id

Holds the replication generation ID for a backend.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.405
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ds-sync-generation-id
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-sync-hist

Holds historical information for replication.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation

<i>OID</i>	1.3.6.1.4.1.26027.1.1.119
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-sync-hist
<i>Ordering Matching Rule</i>	historicalCsnOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Octet String

ds-sync-state

Holds replication state information for a backend.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.185
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ds-sync-state
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

ds-target-group-dn

Pointer to a group to be shown as a virtual static group.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.292
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch

<i>Single Value</i>	true
<i>Names</i>	ds-target-group-dn
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-virtual-static-group
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	DN

dSAQuality

Directory administrators can use this attribute to indicate the quality (availability) of this Directory System Agent (DSA).

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.49
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	dSAQuality
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotDSA, qualityLabelledData
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

emailAddress

<i>Origin</i>	RFC 2985
<i>Usage</i>	userApplications
<i>Description</i>	represents the email address part of an X.509 certificate
<i>OID</i>	1.2.840.113549.1.9.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	emailAddress
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

employeeNumber

Identifier that depends on the organization. It often reflects the order of hire or association with the organization.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	numerically identifies an employee within an organization
<i>OID</i>	2.16.840.1.113730.3.1.3
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	employeeNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

employeeType

Identifier for the employee to employer relationship, such as **Employee**, **Contractor**, or **Temp**. The values used depend on the classification of employees.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	type of employment for a person
<i>OID</i>	2.16.840.1.113730.3.1.4

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	employeeType
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

enhancedSearchGuide

Sets of information used by directory clients when constructing search filters.

Examples: `person#(sn$APPROX)#wholeSubtree`, `organizationalUnit#(ou$SUBSTR)#oneLevel`

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.47
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	enhancedSearchGuide
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Enhanced Guide

entryDN

An entry's distinguished name is not an attribute of the entry.

This operational attribute makes it possible to perform attribute value assertions against the DN of the entry, enabling operations such as LDAP compare and LDAP search.

<i>Origin</i>	RFC 5020
<i>Usage</i>	directoryOperation

<i>Description</i>	DN of the entry
<i>OID</i>	1.3.6.1.1.20
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	entryDN
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

entryUUID

Holds a Universally Unique Identifier (UUID) assigned to the entry.

The server generates the value of this operational attribute when adding the entry to the directory.

A UUID is a 16-octet (128-bit) string, constrained to the namespace specified in RFC 4122, and encoded using the ASCII representation.

Example: [597ae2f6-16a6-1027-98f4-d28b5365dc14](#).

<i>Origin</i>	RFC 4530
<i>Usage</i>	directoryOperation
<i>Description</i>	UUID of the entry
<i>OID</i>	1.3.6.1.1.16.4
<i>Equality Matching Rule</i>	uuidMatch
<i>Single Value</i>	true
<i>Names</i>	entryUUID
<i>Ordering Matching Rule</i>	uuidOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	UUID

etag

Specifies an entity tag suitable for external use when comparing two versions of an entry.

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.59
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	etag
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Printable String

facsimileTelephoneNumber

Fax phone number, such as `+1 415 555 1212` or `+1 415 555 1212$fineResolution`.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.23
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	facsimileTelephoneNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Facsimile Telephone Number

firstChangeNumber

Holds the oldest change number in the changelog.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.593
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	firstChangeNumber
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Integer

followReferrals

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	An agent or service does or should follow referrals
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.5
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	followReferrals
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Boolean

fr-idm-accountStatus

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.14

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-accountStatus
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-cluster-json

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.24
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatchClusterObject
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-cluster-json
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-cluster-obj
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-condition

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.35
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-condition
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-role
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-consentedMapping

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.23
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-consentedMapping
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-custom-attrs

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.66
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true

<i>Names</i>	fr-idm-custom-attrs
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-hybrid-obj
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-effectiveAssignment

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.16
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-effectiveAssignment
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-effectiveRole

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.15
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-effectiveRole
<i>Ordering Matching Rule</i>	octetStringOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-internal-role-authzmembers-internal-user

<i>Usage</i>	userApplications
<i>Description</i>	Reference to an internal users internal user authzmembers
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.77
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-internal-role-authzmembers-internal-user
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-role
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-internal-role-authzmembers-managed-user

<i>Usage</i>	userApplications
<i>Description</i>	Reference to an internal roles managed user authzmembers
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.76
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-internal-role-authzmembers-managed-user
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-role

<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-internal-user-authzroles-internal-role

<i>Usage</i>	userApplications
<i>Description</i>	Reference to an internal users internal role authzroles
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.75
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-internal-user-authzroles-internal-role
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-user
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-internal-user-authzroles-managed-role

<i>Usage</i>	userApplications
<i>Description</i>	Reference to an internal users managed role authzroles
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.74
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-internal-user-authzroles-managed-role
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-user
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-json

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.10
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-json
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-generic-obj
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-kbaInfo

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.17
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-kbaInfo
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-lastSync

<i>Origin</i>	OpenIDM DSRepoService
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<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.18
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-lastSync
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-link-firstid-constraint

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Description</i>	A attribute used to support a unique constraint on the set of fr-idm-link-type, fr-idm-link-qualifier, fr-idm-link-firstid
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.81
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-link-firstid-constraint
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-link
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-link-firstid

<i>Origin</i>	OpenIDM DSRepoService
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<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-link-firstid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-link
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-link-qualifier

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-link-qualifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-link
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-link-secondid-constraint

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications

<i>Description</i>	A attribute used to support a unique constraint on the set of fr-idm-link-type, fr-idm-link-qualifier, fr-idm-link-secondid
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.82
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-link-secondid-constraint
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-link
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-link-secondid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-link-secondid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-link
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-link-type

<i>Origin</i>	OpenIDM DSRepoService
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<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-link-type
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-link
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-lock-nodeid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.32
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-lock-nodeid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-lock
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-managed-assignment-json

<i>Origin</i>	OpenIDM DSRepoService
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<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.72
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-managed-assignment-json
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-assignment
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-managed-role-assignments

<i>Usage</i>	userApplications
<i>Description</i>	Reference to a roles assignments
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.70
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-managed-role-assignments
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-role
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-managed-role-json

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.25
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatchManagedRole
<i>Single Value</i>	true
<i>Names</i>	fr-idm-managed-role-json
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-role
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-managed-user-authzroles-internal-role

<i>Usage</i>	userApplications
<i>Description</i>	Reference to a users internal roles authzroles
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.78
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-managed-user-authzroles-internal-role
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user, fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-managed-user-authzroles-managed-role

<i>Usage</i>	userApplications
<i>Description</i>	Reference to a users managed role authzroles
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.79
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-managed-user-authzroles-managed-role
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user, fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-managed-user-custom-attrs

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.67
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-managed-user-custom-attrs
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-hybrid-obj
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-managed-user-json

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.13
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatchManagedUser
<i>Single Value</i>	true
<i>Names</i>	fr-idm-managed-user-json

<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-managed-user-manager

<i>Usage</i>	userApplications
<i>Description</i>	Reference to a users manager
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.69
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-managed-user-manager
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user, fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-managed-user-meta

<i>Usage</i>	userApplications
<i>Description</i>	Reference to a users internal user meta
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.71
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-managed-user-meta
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	fr-idm-managed-user, fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-managed-user-notifications

<i>Usage</i>	userApplications
<i>Description</i>	Reference to a users internal notifications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.73
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-managed-user-notifications
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user, fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Name and Optional JSON

fr-idm-managed-user-roles

<i>Usage</i>	userApplications
<i>Description</i>	Reference to a users roles
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.68
<i>Equality Matching Rule</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-managed-user-roles
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user, fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif

<i>Syntax</i>	Name and Optional JSON
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fr-idm-name

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.34
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-role
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-notification-json

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.80
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-notification-json
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-notification
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-password

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.8
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-password
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-user, fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-preferences

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.19
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-preferences
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-privilege

<i>Origin</i>	OpenIDM DSRepoService
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<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.33
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-privilege
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-internal-role
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-recon-id

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-recon-id
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-recon-clusteredTargetIds
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-recon-targetIds

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.12
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-recon-targetIds
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-recon-clusteredTargetIds
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-reconassoc-finishtime

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.53
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassoc-finishtime
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassoc
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassoc-isanalysis

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.52
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassoc-isanalysis
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassoc
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassoc-mapping

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.48
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassoc-mapping
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassoc
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassoc-reconid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.49
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassoc-reconid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassoc
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassoc-sourceresourcecollection

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.50
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassoc-sourceresourcecollection
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassoc
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassoc-targetresourcecollection

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.51
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true

<i>Names</i>	fr-idm-reconassoc-targetresourcecollection
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassoc
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-action

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.56
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-action
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-ambiguoustargetobjectids

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.65
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-ambiguoustargetobjectids

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-exception

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.62
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-exception
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-linkqualifier

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.58
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-linkqualifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-message

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.63
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-message
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-messagedetail

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.64
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-messagedetail
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-reconassocentry-phase

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.57
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-phase
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-reconid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.54
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-reconid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry

<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-situation

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.55
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-situation
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-sourceobjectid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.59
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-sourceobjectid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif

Syntax	Directory String
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fr-idm-reconassocentry-status

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.61
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-status
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-reconassocentry-targetobjectid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.60
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-reconassocentry-targetobjectid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-reconassocentry
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-relationship-json

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.26
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatchRelationship
<i>Single Value</i>	true
<i>Names</i>	fr-idm-relationship-json
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-relationship
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-role

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.9
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-role
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-syncqueue-context

<i>Origin</i>	OpenIDM DSRepoService
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<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.43
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-syncqueue-context
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-syncqueue-createdate

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.47
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-createdate
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-syncqueue-mapping

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.39
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-mapping
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-syncqueue-newobject

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.42
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-syncqueue-newobject
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-syncqueue-nodeid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.45
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-nodeid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-syncqueue-objectrev

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.40
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-objectrev
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-syncqueue-oldobject

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.41
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	fr-idm-syncqueue-oldobject
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-syncqueue-remainingretries

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.46
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-remainingretries
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Integer

fr-idm-syncqueue-resourcecollection

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.37
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-resourcecollection

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-syncqueue-resourcoid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.38
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-resourcoid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-syncqueue-state

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.44
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-state
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-syncqueue-syncaction

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.36
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	fr-idm-syncqueue-syncaction
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-syncqueue
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Directory String

fr-idm-temporal-constraints

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.12
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-temporal-constraints
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	fr-idm-internal-role
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	Json

fr-idm-uuid

<i>Origin</i>	OpenIDM DSRepoService
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.1.27
<i>Equality Matching Rule</i>	uuidMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	fr-idm-uuid
<i>Ordering Matching Rule</i>	uuidOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	fr-idm-managed-user-explicit
<i>Schema File</i>	60-repo-schema.ldif
<i>Syntax</i>	UUID

fullVendorVersion

Holds the vendor version including the build number.

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.141
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	fullVendorVersion
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

gecos

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	The GECOS field; the common name
<i>OID</i>	1.3.6.1.1.1.1.2
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	gecos
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	posixAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

generationQualifier

Name strings typically forming the suffix part of a person's name.

Examples: **Jr.**, **3rd**

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.44
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	generationQualifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

gidNumber

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	An integer uniquely identifying a group in an administrative domain
<i>OID</i>	1.3.6.1.1.1.1.1
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	gidNumber
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	posixAccount, posixGroup, sambaGroupMapping, sambaIdmapEntry, sambaUnixIdPool
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

givenName

Part of a person's name that is neither their surname nor their middle name.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.42
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	givenName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

governingStructureRule

Indicates the structure rule governing the entry. The structure rule defines the names entries may have, and how entries may be related to each other.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.10
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	governingStructureRule
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Integer

hasSubordinates

Indicates whether the entry has any subordinate entries.

<i>Origin</i>	X.501
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.9
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	hasSubordinates
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Boolean

healthy

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	dSAOperation

<i>Description</i>	Indicates whether the server is able to handle requests
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.509
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	healthy
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Boolean

homeDirectory

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	The absolute path to the home directory
<i>OID</i>	1.3.6.1.1.1.1.3
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	homeDirectory
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	posixAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

homePhone

Home phone number, such as **+1 415 555 1212**.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.20
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch

<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	homePhone, homeTelephoneNumber
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Telephone Number

homePostalAddress

Home postal address for an object, such as `1234 Main St.$Anytown, CA 12345$USA`. Values are expected to be no longer than 6 directory strings of 30 characters each, although servers are not expected to enforce these limits.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.39
<i>Substring Matching Rule</i>	caseIgnoreListSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreListMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	homePostalAddress
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Postal Address

host

Hostname of a computer, generally as a fully qualified domain name such as `server.example.com`.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.9
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	host
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	account
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

houseIdentifier

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.51
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	houseIdentifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

includedAttributes

In a changelog entry, holds the attributes on the entry prior to the change.

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	A set of attributes which were part of the entry before the changes were applied
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.6
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	includedAttributes
<i>Ordering Matching Rule</i>	octetStringOrderingMatch

<i>User Modification Allowed</i>	true
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Octet String

inetUserHttpURL

This attribute type stores AM profile information.

<i>Origin</i>	Nortel subscriber interoperability
<i>Usage</i>	userApplications
<i>Description</i>	A users Web addresses
<i>OID</i>	2.16.840.1.113730.3.1.693
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	inetUserHttpURL
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetuser
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	IA5 String

inetUserStatus

This attribute type stores AM profile information.

<i>Origin</i>	Nortel subscriber interoperability
<i>Usage</i>	userApplications
<i>Description</i>	"active", "inactive", or "deleted" status of a user
<i>OID</i>	2.16.840.1.113730.3.1.692
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	inetUserStatus

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetuser
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

info

General information associated with the object represented by the directory entry. Applications should not ascribe specific semantics to the value of this attribute.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	info
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

inheritable

<i>Origin</i>	draft-ietf-ldup-subentry
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.7628.5.4.1
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	inheritable
<i>User Modification Allowed</i>	false

<i>Used By</i>	inheritableLDAPSubEntry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Boolean

inheritAttribute

Holds the name of a collective attribute to inherit.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.625
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	inheritAttribute
<i>User Modification Allowed</i>	true
<i>Used By</i>	inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

inheritFromBaseRDN

Holds the RDN of the base entry under which the entries are found from which to inherit collective attributes.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.622
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	inheritFromBaseRDN
<i>User Modification Allowed</i>	true

<i>Used By</i>	inheritedFromRDNCollectiveAttributeSubentry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

inheritFromDNAttribute

Holds the DN-syntax attribute specifying the entry from which to inherit collective attributes.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.621
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	true
<i>Names</i>	inheritFromDNAttribute
<i>User Modification Allowed</i>	true
<i>Used By</i>	inheritedFromDNCollectiveAttributeSubentry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

inheritFromDNParent

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	The number of parent levels to lookup in the DN for inherited collective attribute subentry
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.535
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	inheritFromDNParent
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inheritedFromDNCollectiveAttributeSubentry

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Integer

inheritFromRDNAttribute

Holds the RDN attribute of the entry from which to inherit collective attributes.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.624
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	true
<i>Names</i>	inheritFromRDNAttribute
<i>User Modification Allowed</i>	true
<i>Used By</i>	inheritedFromRDNCollectiveAttributeSubentry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

inheritFromRDNType

Holds the RDN attribute type of the entry from which to inherit collective attributes.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.26027.1.1.623
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	true
<i>Names</i>	inheritFromRDNType
<i>User Modification Allowed</i>	true
<i>Used By</i>	inheritedFromRDNCollectiveAttributeSubentry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

initials

Strings of initials of some or all of a person's names, excluding the surname(s). Each string is one value of the attribute.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.43
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	initials
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

internationaliSDNNumber

Integrated Services Digital Network (ISDN) addresses, as specified by the International Telecommunication Union (ITU) Recommendation E.164.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.25
<i>Substring Matching Rule</i>	numericStringSubstringsMatch
<i>Equality Matching Rule</i>	numericStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	internationaliSDNNumber
<i>Ordering Matching Rule</i>	numericStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Numeric String

ipHostNumber

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	IPv4 addresses as a dotted decimal omitting leading zeros or IPv6 addresses as defined in RFC2373
<i>Superior Type</i>	name
<i>OID</i>	1.3.6.1.1.1.1.19
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ipHostNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ipHost
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Directory String

iplanet-am-auth-configuration

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Authentication Configuration
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.62
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-auth-configuration
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-auth-configuration-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-auth-login-failure-url

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Redirection URL for Failed User Authentication
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.64
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-auth-login-failure-url
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-auth-configuration-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-auth-login-success-url

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Redirection URL After Successful Login
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.63
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	iplanet-am-auth-login-success-url
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-auth-configuration-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-auth-post-login-process-class

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Class Name for Post Authentication Processing
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.65
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-auth-post-login-process-class
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-auth-configuration-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-session-destroy-sessions

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Destroy Session
<i>OID</i>	2.16.840.1.113730.3.1.1069
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-session-destroy-sessions
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-session-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-session-get-valid-sessions

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Get Valid Sessions
<i>OID</i>	2.16.840.1.113730.3.1.1068
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-session-get-valid-sessions
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-session-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-session-max-caching-time

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Max Session Caching Time

<i>OID</i>	2.16.840.1.113730.3.1.1067
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-session-max-caching-time
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-session-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-session-max-idle-time

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Max Session Idle Time
<i>OID</i>	2.16.840.1.113730.3.1.1066
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-session-max-idle-time
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-session-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-session-max-session-time

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
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<i>Usage</i>	userApplications
<i>Description</i>	Max Service Time
<i>OID</i>	2.16.840.1.113730.3.1.1065
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-session-max-session-time
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-session-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-session-quota-limit

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Session Quota Constraints
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.752
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-session-quota-limit
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-session-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-session-service-status

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Session Service Status
<i>OID</i>	2.16.840.1.113730.3.1.1053
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-session-service-status
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-session-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-account-life

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	User Account Life
<i>OID</i>	2.16.840.1.113730.3.1.976
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-account-life
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-managed-person
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-admin-start-dn

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Starting DN for Admin User
<i>OID</i>	2.16.840.1.113730.3.1.1072
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-admin-start-dn
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-alias-list

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	User Alias Names List
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.59
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-alias-list
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-auth-config

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	User Authentication Configuration
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.58
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-auth-config
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-auth-modules

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	User Auth Modules
<i>OID</i>	2.16.840.1.113730.3.1.1071
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-auth-modules
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-failure-url

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Redirection URL for Failed User Authentication
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.72
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-failure-url
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-login-status

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	User Login Status
<i>OID</i>	2.16.840.1.113730.3.1.1074
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-login-status
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-password-reset-force-reset

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Password Reset Force Reset password
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.591
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-password-reset-force-reset
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-password-reset-options

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Password Reset Options
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.589
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-password-reset-options
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif

<i>Syntax</i>	Directory String
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iplanet-am-user-password-reset-question-answer

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Password Reset User Question Answer
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.590
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-password-reset-question-answer
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-service-status

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	User Service Status
<i>OID</i>	2.16.840.1.113730.3.1.1073
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-service-status
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

iplanet-am-user-success-url

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Redirection URL for Successful User Authentication
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.71
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	iplanet-am-user-success-url
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

ipNetmaskNumber

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	IP netmask as a dotted decimal, eg. 255.255.255.0, omitting leading zeros
<i>OID</i>	1.3.6.1.1.1.1.21
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	ipNetmaskNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	ipNetwork
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

ipNetworkNumber

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	IP network as a dotted decimal, eg. 192.168, omitting leading zeros
<i>Superior Type</i>	name
<i>OID</i>	1.3.6.1.1.1.1.20
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ipNetworkNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ipNetwork
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Directory String

ipProtocolNumber

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	IP protocol number
<i>OID</i>	1.3.6.1.1.1.1.17
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ipProtocolNumber
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	ipProtocol
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

ipServicePort

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	Service port number
<i>OID</i>	1.3.6.1.1.1.1.15
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	ipServicePort
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ipService
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

ipServiceProtocol

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	Service protocol name
<i>Superior Type</i>	name
<i>OID</i>	1.3.6.1.1.1.1.16
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ipServiceProtocol
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	ipService
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Directory String

ipTnetNumber

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Trusted Solaris network template ip_address
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.68
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ipTnetNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ipTnetHost
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

ipTnetTemplateName

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Trusted Solaris network template template_name
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.67
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	ipTnetTemplateName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ipTnetTemplate

Schema File	05-solaris.ldif
Syntax	IA5 String

isMemberOf

Shows group DNs of which this entry is a member.

Origin	Sun Java System Directory Server
Usage	directoryOperation
Description	Sun-defined attribute type
OID	1.3.6.1.4.1.42.2.27.9.1.792
Substring Matching Rule	caseIgnoreSubstringsMatch
Equality Matching Rule	distinguishedNameMatch
Single Value	false: multiple values allowed
Names	isMemberOf
User Modification Allowed	false
Schema File	00-core.ldif
Syntax	DN

janetMailbox

Electronic mailbox attribute using the syntax specified in the *Grey Book* of the *Coloured Book* protocols. See, for example, the Wikipedia article on *Coloured Book protocols*.

Example: `janetMail: user@UK.CO.EXAMPLE.`

Entries using this attribute must also include an `rfc822Mailbox` attribute, such as `mail: user@example.co.uk.`

Origin	RFC 1274
Usage	userApplications
OID	0.9.2342.19200300.100.1.46
Substring Matching Rule	caseIgnoreSubstringsMatch
Equality Matching Rule	caseIgnoreMatch
Single Value	false: multiple values allowed
Names	janetMailbox
Ordering Matching Rule	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

javaClassName

Case-sensitive fully qualified name of a Java class or interface.

<i>Origin</i>	RFC 2713
<i>Usage</i>	userApplications
<i>Description</i>	Fully qualified name of distinguished Java class or interface
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	javaClassName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	javaMarshaledObject, javaNamingReference, javaObject, javaSerializedObject
<i>Schema File</i>	03-rfc2713.ldif
<i>Syntax</i>	Directory String

javaClassNames

Case-sensitive fully qualified names of a Java class or interface. Multiple values represent a class or interface name of this object, or of an ancestor class or interface of this object.

<i>Origin</i>	RFC 2713
<i>Usage</i>	userApplications
<i>Description</i>	Fully qualified Java class or interface name
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	javaClassNames
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	javaMarshaledObject, javaNamingReference, javaObject, javaSerializedObject
<i>Schema File</i>	03-rfc2713.ldif
<i>Syntax</i>	Directory String

javaCodebase

Location from which to load the class specified by the `javaClassName` attribute.

If multiple values are present, each value is an independent code base, meaning each is an alternative location from which to load the class definition.

<i>Origin</i>	RFC 2713
<i>Usage</i>	userApplications
<i>Description</i>	URL(s) specifying the location of class definition
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	javaCodebase
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	javaMarshaledObject, javaNamingReference, javaObject, javaSerializedObject
<i>Schema File</i>	03-rfc2713.ldif
<i>Syntax</i>	IA5 String

javaDoc

URL to the Javadoc for the object.

<i>Origin</i>	RFC 2713
<i>Usage</i>	userApplications
<i>Description</i>	The Java documentation for the class

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	javaDoc
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	javaMarshaledObject, javaNamingReference, javaObject, javaSerializedObject
<i>Schema File</i>	03-rfc2713.ldif
<i>Syntax</i>	IA5 String

javaFactory

Case-sensitive fully qualified name of a Java class that can be used to create an instance of the class specified by the `javaClassName` attribute.

<i>Origin</i>	RFC 2713
<i>Usage</i>	userApplications
<i>Description</i>	Fully qualified Java class name of a JNDI object factory
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	true
<i>Names</i>	javaFactory
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	javaNamingReference
<i>Schema File</i>	03-rfc2713.ldif
<i>Syntax</i>	Directory String

javaReferenceAddress

Sequence of addresses of a JNDI reference. Each value represents and object of type `javax.naming.ReferenceAddr`, and has the following form, where `#` is the delimiter:

`#sequence-number#address-type#(address-value|#string-content)`

sequence-number

The address's position in the JNDI reference starting at 0.

address-type

Type of JNDI address, which is a non-empty string.

address-value

Value of the address contents if the reference is of type `javax.naming.StringRefAddr`.

string-content

Base64-encoded string representation of the entire serialized address if the reference is not of type `javax.naming.StringRefAddr`.

<i>Origin</i>	RFC 2713
<i>Usage</i>	userApplications
<i>Description</i>	Addresses associated with a JNDI Reference
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	javaReferenceAddress
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	javaNamingReference
<i>Schema File</i>	03-rfc2713.ldif
<i>Syntax</i>	Directory String

javaSerializedData

A serialized Java object. For details, see the *Java Object Serialization Specification*.

<i>Origin</i>	RFC 2713
<i>Usage</i>	userApplications
<i>Description</i>	Serialized form of a Java object
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.8

<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	javaSerializedData
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	javaMarshaledObject, javaSerializedObject
<i>Schema File</i>	03-rfc2713.ldif
<i>Syntax</i>	Octet String

jpegPhoto

An image of a person in the JPEG File Interchange Format (JFIF).

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	a JPEG image
<i>OID</i>	0.9.2342.19200300.100.1.60
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	jpegPhoto
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	JPEG

kbaActiveIndex

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Knowledge Based Authentication Active Index
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.6

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	kbaActiveIndex
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	kbaInfoContainer
<i>Schema File</i>	60-identity-store-ds-kba.ldif
<i>Syntax</i>	Directory String

kbaInfo

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Knowledge Based Authentication information is stored in this attribute
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	kbaInfo
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	kbaInfoContainer
<i>Schema File</i>	60-identity-store-ds-kba.ldif
<i>Syntax</i>	Directory String

kbaInfoAttempts

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Knowledge Based Authentication Attempts information is stored in this attribute
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	kbaInfoAttempts
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	kbaInfoContainer
<i>Schema File</i>	60-identity-store-ds-kba.ldif
<i>Syntax</i>	Directory String

knowledgeInformation

According to the specification, "This attribute is no longer used."

<i>Origin</i>	RFC 2256
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.2
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	knowledgeInformation
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dSA, pilotDSA
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

Name of a locality or place, such as a city, country or geographic region.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications

<i>Superior Type</i>	name
<i>OID</i>	2.5.4.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	l, localityName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	account, applicationEntity, applicationProcess, dNSDomain, dSA, device, dmd, document, documentSeries, domain, inetOrgPerson, ipHost, ipNetwork, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotDSA, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

labeledURI

A URI with an optional label, as described in RFC 2079.

Example: <https://forgerock.com> ForgeRock Home Page

<i>Origin</i>	RFC 2079
<i>Usage</i>	userApplications
<i>Description</i>	Uniform Resource Identifier with optional label
<i>OID</i>	1.3.6.1.4.1.250.1.57
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	labeledURI
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, labeledURIObject, sunRealmService, sunservice, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

labeledURL

<i>Origin</i>	RFC 2079
<i>Usage</i>	userApplications
<i>Description</i>	Uniform Resource Locator with optional label
<i>OID</i>	1.3.6.1.4.1.250.1.41
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	labeledURL
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

lastChangeNumber

Holds the newest change number in the changelog.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.594
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	lastChangeNumber
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Integer

lastExternalChangelogCookie

Holds the most recent cookie (cross domain state) available.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.26027.1.1.585
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	lastExternalChangelogCookie
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

lastModifiedBy

DN of the last user to modify the entry.

Although not described in the RFC as an operational attribute, this attribute should be maintained by the server.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.24
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	lastModifiedBy
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

lastModifiedTime

UTC time when the entry was last modified.

Although not described in the RFC as an operational attribute, this attribute should be maintained by the server.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.23
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	lastModifiedTime
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

ldapSyntaxes

This operational attribute used in LDAP schema defines syntaxes, which specify encodings used in LDAP.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.16
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ldapSyntaxes
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	LDAP Syntax Description

loginShell

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications

<i>Description</i>	The path to the login shell
<i>OID</i>	1.3.6.1.1.1.1.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	loginShell
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	posixAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

macAddress

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	MAC address in maximal, colon separated hex notation, eg. 00:00:92:90:ee:e2
<i>OID</i>	1.3.6.1.1.1.1.22
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	macAddress
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ieee802Device
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

mail

Internet mail addresses in Mailbox form, as described in RFC 2821. The server does not ensure that mail addresses conform to RFC 2821, however.

Be aware that matching is case-insensitive: `(mail=bjensen@example.com)` matches `BJENSEN@example.com`

Applications supporting internationalized domain names must use the ToASCII method described in RFC 3490 to produce subdomain components of the Mailbox form.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.3
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	mail, rfc822Mailbox
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, mailGroup, pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

mailPreferenceOption

Indication of user's preference for having their names included in mailing lists.

Values are from the following list:

no-list-inclusion (Default)

Do not add name in mailing lists.

any-list-inclusion

May add name in mailing lists.

professional-list-inclusion

May add name in mailing lists related to user's professional interests, optionally as evaluated from the business organization or keywords in the entry.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.47
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	mailPreferenceOption
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Integer

manager

DNs of manager entries for the entry of a person or entity.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	manager
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, ipHost, ipNetwork, pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

matchingRules

This operational attribute used in LDAP schema defines matching rules, which specify how values of attributes are matched and compared.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.4
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	matchingRules

<i>User Modification Allowed</i>	true
<i>Used By</i>	subschema
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Matching Rule Description

matchingRuleUse

This operational attribute used in LDAP schema defines matching rule uses, which list attributes that can be used with an `extensibleMatch` search filter.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.8
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	matchingRuleUse
<i>User Modification Allowed</i>	true
<i>Used By</i>	subschema
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Matching Rule Use Description

mDRecord

A type MD (mail destination) DNS resource record.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.27
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	mDRecord
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	dnsDomain
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

member

Distinguished names of objects that are part of a group.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	distinguishedName
<i>OID</i>	2.5.4.31
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	member
<i>User Modification Allowed</i>	true
<i>Used By</i>	groupOfEntries, groupOfNames
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

memberGid

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Posix Group Name
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.30
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	memberGid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	SolarisProject
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

memberNisNetgroup

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.13
<i>Substring Matching Rule</i>	caseExactIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	memberNisNetgroup
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisNetgroup
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

memberof

This attribute type stores AM profile information.

<i>Origin</i>	iPlanet Delegated Administrator
<i>Usage</i>	userApplications
<i>Description</i>	Group that the entry belongs to
<i>OID</i>	1.2.840.113556.1.2.102
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	memberof
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetuser

<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	DN

memberUid

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	memberUid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisProject, posixGroup
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

memberURL

Holds LDAP URLs specifying dynamic group membership.

<i>Origin</i>	Sun Java System Directory Server
<i>Usage</i>	userApplications
<i>Description</i>	Sun-defined attribute type
<i>OID</i>	2.16.840.1.113730.3.1.198
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	memberURL
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	groupOfURLs

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

mgrpRFC822MailMember

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>OID</i>	2.16.840.1.113730.3.1.30
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	mgrpRFC822MailMember
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	mailGroup
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Directory String

mobile

Mobile phone number, such as +1 415 555 1212.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.41
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	mobile, mobileTelephoneNumber
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Telephone Number

modifiersName

For entries updated over protocol (by an LDAP modify request, for example), this operational attribute indicates the DN of the creator's entry.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	modifiersName
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

modifyTimestamp

For entries updated over protocol (by an LDAP modify request, for example), this operational attribute reflects the time the entry was last modified.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.2
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	modifyTimestamp
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Generalized Time

mxRecord

A type MX (mail exchange) DNS resource record.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.28
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	mxRecord
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

name

Base type for user attribute types with name syntax.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.41
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

nameForms

This operational attribute used in LDAP schema defines name forms, which specify naming relations for structural object classes.

<i>Origin</i>	RFC 4512
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<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.7
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nameForms
<i>User Modification Allowed</i>	true
<i>Used By</i>	subschema
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Name Form Description

namingContexts

This operational attribute indicates the base DNs mastered or shadowed by this server.

<i>Origin</i>	RFC 4512
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	namingContexts
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

newRDN

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	userApplications
<i>Description</i>	the new RDN of an entry which is the target of a modrdn operation
<i>OID</i>	2.16.840.1.113730.3.1.9
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch

<i>Single Value</i>	true
<i>Names</i>	newRDN
<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	DN

newSuperior

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	userApplications
<i>Description</i>	the new parent of an entry which is the target of a moddn operation
<i>OID</i>	2.16.840.1.113730.3.1.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	newSuperior
<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	DN

nisDomain

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	NIS domain
<i>OID</i>	1.3.6.1.1.1.1.30
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nisDomain

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisDomainObject
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

nisMapEntry

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	A generic NIS entry
<i>OID</i>	1.3.6.1.1.1.1.27
<i>Substring Matching Rule</i>	caseExactIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	nisMapEntry
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisObject
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

nisMapName

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	Name of a A generic NIS map
<i>Superior Type</i>	name
<i>OID</i>	1.3.6.1.1.1.1.26
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	nisMapName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisMap, nisObject
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Directory String

nisNetgroupTriple

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	Netgroup triple
<i>OID</i>	1.3.6.1.1.1.1.14
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nisNetgroupTriple
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisNetgroup
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	IA5 String

nisNetIdGroup

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.1.1.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nisNetIdGroup
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	nisNetId
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

nisNetIdHost

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.1.1.14
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nisNetIdHost
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisNetId
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

nisNetIdUser

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.1.1.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nisNetIdUser
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisNetId

<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

nisplusTimeZone

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	tzzone column from NIS+ timezone table
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.57
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	nisplusTimeZone
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisplusTimeZoneData
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

nisPublicKey

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	NIS public key
<i>OID</i>	1.3.6.1.1.1.1.28
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	nisPublicKey
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisKeyObject
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Octet String

nisSecretKey

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	NIS secret key
<i>OID</i>	1.3.6.1.1.1.1.29
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	nisSecretKey
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisKeyObject
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Octet String

nsds50ruv

DSEE attribute holding the internal state of the replica from the replication update vector.

<i>Origin</i>	Sun Directory Server
<i>Usage</i>	userApplications
<i>OID</i>	2.16.840.1.113730.3.1.587
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nsds50ruv
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	06-compat.ldif
<i>Syntax</i>	Directory String

nSRecord

A type NS (name server) DNS resource record.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.29
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	nSRecord
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

nsUniqueld

DSEE attribute holding an entry UUID.

<i>Origin</i>	Sun Java System Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	Sun-defined unique identifier
<i>OID</i>	2.16.840.1.113730.3.1.542
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	nsUniqueld
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

numSubordinates

This operational attribute holds a count of immediate subordinates of the current entry. (The count therefore does not include entries below immediate subordinates.)

As `numSubordinates` is an operational attribute client applications must request it explicitly in search results.

Support for the `numSubordinates` attribute is per entry. If it is present then its value is correct. Its absence does not, however, imply that there are no subordinates.

<i>Origin</i>	draft-ietf-boreham-numsubordinates
<i>Usage</i>	directoryOperation
<i>Description</i>	Count of immediate subordinates
<i>OID</i>	1.3.6.1.4.1.453.16.2.103
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	numSubordinates
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Integer

O

X.500 `organizationName` attribute for the name of an organization.

Example: `ForgeRock, Inc.`

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	o, organizationName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	account, applicationEntity, dNSDomain, dSA, device, document, documentSeries, domain, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames,

	inetOrgPerson, organization, pilotDSA, pilotOrganization, rFC822LocalPart, sunRealmService, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

oath2faEnabled

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	Indicator for enabling of OATH 2FA
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.131
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	oath2faEnabled
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-auth-configuration-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Integer

oathDeviceProfiles

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	OATH device profiles string
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	oathDeviceProfiles
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	oathDeviceProfilesContainer
<i>Schema File</i>	60-identity-store-ds-oathdevices.ldif
<i>Syntax</i>	Directory String

objectClass

Describes the type of object represented by the entry, controlling which attributes must and may be present on the entry.

Each entry has at least two values, one of which is `top` or `alias`.

When an object class value is added to an entry, all superclasses of the object class are implicitly added. For example, if `inetOrgPerson` is added, `person` and `organizationalPerson` are also added.

<i>Origin</i>	RFC 4512
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.0
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	objectClass
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile, SolarisAuditUser, SolarisAuthAttr, SolarisExecAttr, SolarisNamingProfile, SolarisProfAttr, SolarisProject, SolarisUserAttr, account, alias, applicationEntity, applicationProcess, automount, automountMap, bootableDevice, cRLDistributionPoint, calEntry, certificationAuthority, certificationAuthority-V2, changeLogEntry, container, corbaContainer, corbaObject, corbaObjectReference, country, dNSDomain, dSA, dcObject, deltaCRL, device, devicePrintProfilesContainer, deviceProfilesContainer, dmd, document, documentSeries, domain, domainRelatedObject, ds-certificate-user, ds-monitor, ds-monitor-backend, ds-monitor-backend-db, ds-monitor-backend-pluggable, ds-monitor-backend-proxy, ds-monitor-base-dn, ds-monitor-branch, ds-monitor-certificate, ds-monitor-changelog, ds-monitor-changelog-domain, ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-connection-handler, ds-monitor-disk-space, ds-monitor-entry-cache, ds-monitor-health-status, ds-monitor-http-connection-handler, ds-monitor-je-database, ds-monitor-jvm, ds-monitor-ldap-connection-handler, ds-monitor-raw-je-database-statistics, ds-monitor-remote-replica, ds-monitor-replica, ds-monitor-replica-db, ds-monitor-server, ds-monitor-topology-server, ds-monitor-work-queue, ds-pwp-attribute-value-validator, ds-pwp-character-set-validator, ds-pwp-dictionary-validator, ds-pwp-length-based-validator, ds-pwp-

	password-policy, ds-pwp-random-generator, ds-pwp-repeated-characters-validator, ds-pwp-similarity-based-validator, ds-pwp-unique-characters-validator, ds-pwp-validator, ds-root-dse, ds-virtual-static-group, fr-idm-cluster-obj, fr-idm-generic-obj, fr-idm-hybrid-obj, fr-idm-internal-role, fr-idm-internal-user, fr-idm-link, fr-idm-lock, fr-idm-managed-assignment, fr-idm-managed-role, fr-idm-managed-user, fr-idm-managed-user-explicit, fr-idm-managed-user-hybrid-obj, fr-idm-notification, fr-idm-recon-clusteredTargetIds, fr-idm-reconassoc, fr-idm-reconassocentry, fr-idm-relationship, fr-idm-syncqueue, frCoreToken, friendlyCountry, glue, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, ieee802Device, inetOrgPerson, inetuser, inheritableLDAPSubEntry, inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry, ipHost, ipNetwork, ipProtocol, ipService, ipTnetHost, ipTnetTemplate, iplanet-am-auth-configuration-service, iplanet-am-managed-person, iplanet-am-session-service, iplanet-am-user-service, javaContainer, javaMarshaledObject, javaNamingReference, javaObject, javaSerializedObject, kbaInfoContainer, labeledURIObject, ldapSubEntry, locality, mailGroup, namedObject, nisDomainObject, nisKeyObject, nisMailAlias, nisMap, nisNetId, nisNetgroup, nisObject, nisplusTimeZoneData, oathDeviceProfilesContainer, oncRpc, organization, organizationalPerson, organizationalRole, organizationalUnit, person, pilotDSA, pilotObject, pilotOrganization, pilotPerson, pkiCA, pkiUser, posixAccount, posixGroup, printerAbstract, printerIPP, printerLPR, printerService, printerServiceAuxClass, pushDeviceProfilesContainer, pwdPolicy, pwdValidatorPolicy, qualityLabelledData, rFC822LocalPart, residentialPerson, room, sambaConfig, sambaConfigOption, sambaDomain, sambaGroupMapping, sambaldmapEntry, sambaPrivilege, sambaSamAccount, sambaShare, sambaSidEntry, sambaTrustPassword, sambaUnixIdPool, shadowAccount, simpleSecurityObject, slpService, slpServicePrinter, strongAuthenticationUser, subentry, sunAMAuthAccountLockout, sunFMSAML2NameIdentifier, sunPrinter, sunRealmService, sunservice, sunservicecomponent, top, uddiAddress, uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiContact, uddiPublisherAssertion, uddiTModel, uddiTModelInstanceInfo, uddiv3EntityObituary, uddiv3Subscription, uidObject, untypedObject, userSecurityInformation, webauthnDeviceProfilesContainer
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

objectClasses

This operational attribute used in LDAP schema defines object classes, which specify the types of objects that an entry represents, and the required and optional attributes for entries of those types.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.6
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	objectClasses
<i>User Modification Allowed</i>	true
<i>Used By</i>	subschema
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Object Class Description

objectclassMap

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Object class mappings used, required, or supported by an agent or service
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	objectclassMap
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	IA5 String

oncRpcNumber

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	ONC RPC number
<i>OID</i>	1.3.6.1.1.1.1.18
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	oncRpcNumber

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	oncRpc
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

organizationalStatus

Categories to refer to a person in an organization, such as `professor` or `staff`.

Similar attributes include `title` and `userClass`.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.45
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	organizationalStatus
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

otherMailbox

An electronic mailbox address of a type other than X.400 or RFC 822.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.22
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	otherMailbox
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

ou

X.500 `organizationalUnitName` attribute for the name of an organizational unit.

Example: `Product Development`

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	organizationalUnitName, ou
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	account, applicationEntity, applicationProcess, dSA, device, document, documentSeries, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, organizationalPerson, organizationalRole, organizationalUnit, pilotDSA, pilotOrganization, sunservice, sunservicecomponent, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

owner

Distinguished names of objects with an ownership relationship to the current object.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications

<i>Superior Type</i>	distinguishedName
<i>OID</i>	2.5.4.32
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	owner
<i>User Modification Allowed</i>	true
<i>Used By</i>	device, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

pager

Pager phone number, such as **+1 415 555 1212**.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.42
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	pager, pagerTelephoneNumber
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Telephone Number

personalSignature

Representation of a person's signature. According to RFC 1274, the value is,

Encoded in G3 fax as explained in recommendation T.4, with an ASN.1 wrapper to make it compatible with an X.400 BodyPart as defined in X.420.

<i>Origin</i>	RFC 1274
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<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.53
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	personalSignature
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Binary

personalTitle

Personal title for a person, such as **Dr.** or **Professor**.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.40
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	personalTitle
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

photo

A photograph in G3 fax as described in recommendation T.4, with an ASN.1 wrapper to make it compatible with an X.400 BodyPart, as defined in X.420.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications

<i>OID</i>	0.9.2342.19200300.100.1.7
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	photo
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Octet String

physicalDeliveryOfficeName

A name used by the postal service to identify a post office.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.19
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	physicalDeliveryOfficeName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

postalAddress

An address used by the postal service to perform services for the entity.

Use dollar signs (\$) to separate lines in the address, and see the [PostalAddress](#) syntax description for details.

Example: 1234 Main St.\$Anytown, CA 12345\$USA.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.16
<i>Substring Matching Rule</i>	caseIgnoreListSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreListMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	postalAddress
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Postal Address

postalCode

A code used by the postal service to identify postal service zones.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.17
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	postalCode
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

postOfficeBox

A postal box identifier that the postal service uses when the customer receives mail at a box on the premises of the postal service.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.18
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	postOfficeBox
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

preferredDeliveryMethod

Indicates the preferred method for getting a message to the entity, where the methods can be specified in order of decreasing priority.

Example: `mhs $ physical.`

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.28
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	preferredDeliveryMethod
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Delivery Method

preferredLanguage

Indicates a person's preferred language or languages, which is useful for international correspondence and computer interaction. RFC 2068 describes an **Accept-Language** field. That field's content, without **Accept-Language:**, matches the content of this attribute.

Example: **en, ko;q=0.8**.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	preferred written or spoken language for a person
<i>OID</i>	2.16.840.1.113730.3.1.39
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	preferredLanguage
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iPlanetPreferences, inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

preferredLocale

This attribute type stores AM profile information.

<i>Origin</i>	iPlanet
<i>Usage</i>	userApplications
<i>Description</i>	preferred locale for a person
<i>OID</i>	1.3.6.1.4.1.1466.101.120.42
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	preferredLocale
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iPlanetPreferences
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

preferredServerList

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	List of preferred servers
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.2
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	preferredServerList
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Directory String

preferredTimeZone

This attribute type stores AM profile information.

<i>Origin</i>	iPlanet
<i>Usage</i>	userApplications
<i>Description</i>	preferred time zone for a person
<i>OID</i>	1.3.6.1.4.1.1466.101.120.43

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	preferredTimeZone
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iPlanetPreferences
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

presentationAddress

An OSI presentation address.

<i>Origin</i>	RFC 2256
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.29
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	presentationAddressMatch
<i>Single Value</i>	true
<i>Names</i>	presentationAddress
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	applicationEntity, dSA, pilotDSA
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Presentation Address

printer-aliases

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	List of site-specific administrative names of this printer in addition to the value specified for printer-name.
<i>OID</i>	1.3.18.0.2.4.1108

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-aliases
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerLPR
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-charset-configured

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The configured charset in which error and status messages will be generated (by default) by this printer.
<i>OID</i>	1.3.18.0.2.4.1109
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-charset-configured
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-charset-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Set of charsets supported for the attribute values of syntax DirectoryString for this directory entry.

<i>OID</i>	1.3.18.0.2.4.1131
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-charset-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-color-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Indicates whether this printer is capable of any type of color printing at all, including highlight color.
<i>OID</i>	1.3.18.0.2.4.1129
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	printer-color-supported
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Boolean

printer-compression-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Compression algorithms supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1128
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-compression-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-copies-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The maximum number of copies of a document that may be printed as a single job on this printer.
<i>OID</i>	1.3.18.0.2.4.1118
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	printer-copies-supported
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Integer

printer-current-operator

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The identity of the current human operator responsible for operating this printer.
<i>OID</i>	1.3.18.0.2.4.1112
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-current-operator
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-delivery-orientation-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The possible delivery orientations of pages as they are printed and ejected from this printer.
<i>OID</i>	1.3.18.0.2.4.1114
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-delivery-orientation-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-document-format-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The possible source document formats which may be interpreted and printed by this printer.
<i>OID</i>	1.3.18.0.2.4.1130

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-document-format-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-finishings-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The possible finishing operations supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1125
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-finishings-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-generated-natural-language-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Natural language(s) supported for this directory entry.
<i>OID</i>	1.3.18.0.2.4.1137

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-generated-natural-language-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-info

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Descriptive information about this printer.
<i>OID</i>	1.3.18.0.2.4.1139
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-info
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-ipp-versions-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	IPP protocol version(s) that this printer supports.
<i>OID</i>	1.3.18.0.2.4.1133
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-ipp-versions-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerIPP
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-job-k-octets-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The maximum size in kilobytes (1,024 octets actually) incoming print job that this printer will accept.
<i>OID</i>	1.3.18.0.2.4.1111
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	printer-job-k-octets-supported
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Integer

printer-job-priority-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Indicates the number of job priority levels supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1110
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	printer-job-priority-supported
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Integer

printer-location

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The physical location of this printer.
<i>OID</i>	1.3.18.0.2.4.1136
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-location
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-make-and-model

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Make and model of this printer.
<i>OID</i>	1.3.18.0.2.4.1138
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-make-and-model
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-media-local-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Site-specific names of media supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1117
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-media-local-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-media-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The standard names/types/sizes (and optional color suffixes) of the media supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1122
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-media-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-more-info

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	A URI for more information about this specific printer.
<i>OID</i>	1.3.18.0.2.4.1134
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-more-info
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-multiple-document-jobs-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	Indicates whether this printer supports more than one document per job.
<i>OID</i>	1.3.18.0.2.4.1132
<i>Equality Matching Rule</i>	booleanMatch

<i>Single Value</i>	true
<i>Names</i>	printer-multiple-document-jobs-supported
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerIPP, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Boolean

printer-name

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The site-specific administrative name of this printer.
<i>OID</i>	1.3.18.0.2.4.1135
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-name
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerLPR, printerService, printerServiceAuxClass, sunPrinter
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-natural-language-configured

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The configured natural language in which error and status messages will be generated (by default) by this printer.
<i>OID</i>	1.3.18.0.2.4.1119
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true

<i>Names</i>	printer-natural-language-configured
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-number-up-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The possible numbers of print-stream pages to impose upon a single side of an instance of a selected medium.
<i>OID</i>	1.3.18.0.2.4.1124
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-number-up-supported
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Integer

printer-output-features-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The possible output features supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1116
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	printer-output-features-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-pages-per-minute-color

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The nominal number of color pages per minute which may be output by this printer.
<i>OID</i>	1.3.18.0.2.4.1126
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	printer-pages-per-minute-color
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Integer

printer-pages-per-minute

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The nominal number of pages per minute which may be output by this printer.
<i>OID</i>	1.3.18.0.2.4.1127
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	printer-pages-per-minute
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Integer

printer-print-quality-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	List of print qualities supported for printing documents on this printer.
<i>OID</i>	1.3.18.0.2.4.1120
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-print-quality-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-resolution-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	List of resolutions supported for printing documents by this printer.
<i>OID</i>	1.3.18.0.2.4.1121
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	printer-resolution-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-service-person

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The identity of the current human service person responsible for servicing this printer.
<i>OID</i>	1.3.18.0.2.4.1113
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	printer-service-person
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-sides-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The number of impression sides (one or two) and the two-sided impression rotations supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1123
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-sides-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-stacking-order-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The possible stacking order of pages as they are printed and ejected from this printer.
<i>OID</i>	1.3.18.0.2.4.1115
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-stacking-order-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerAbstract, printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-uri

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	A URI supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1140
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	true
<i>Names</i>	printer-uri
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

printer-xri-supported

<i>Origin</i>	RFC 3712
<i>Usage</i>	userApplications
<i>Description</i>	The unordered list of XRI (extended resource identifiers) supported by this printer.
<i>OID</i>	1.3.18.0.2.4.1107
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	printer-xri-supported
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	printerService, printerServiceAuxClass
<i>Schema File</i>	03-rfc3712.ldif
<i>Syntax</i>	Directory String

profileTTL

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Time to live, in seconds, before a profile is considered stale
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.7
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	profileTTL
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Integer

protocolInformation

Used with a `presentationAddress` attribute to provide additional information to the OSI network service.

<i>Origin</i>	RFC 2256
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.48
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	protocolInformationMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	protocolInformation
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Protocol Information

push2faEnabled

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Indicator for enabling of Push 2FA
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.140
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	push2faEnabled
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-auth-configuration-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Integer

pushDeviceProfiles

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	Push device profiles string
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	pushDeviceProfiles
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pushDeviceProfilesContainer
<i>Schema File</i>	60-identity-store-ds-pushdevices.ldif
<i>Syntax</i>	Directory String

pwdAccountLockedTime

Timestamp when the account was last locked, where 000001010000Z means the account has been locked permanently.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	directoryOperation
<i>Description</i>	The time an user account was locked
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.17

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	pwdAccountLockedTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Generalized Time

pwdAllowUserChange

Whether users can change their own passwords.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.14
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	pwdAllowUserChange
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Boolean

pwdAttribute

Name of the attribute to which the password policy applies.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	pwdAttribute
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	OID

pwdChangedTime

Timestamp of last password change.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	directoryOperation
<i>Description</i>	The time the password was last changed
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.16
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	pwdChangedTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Generalized Time

pwdCheckQuality

How to verify quality when a password is added or modified. 0: do not check; 1: check, but accept if validation passes or if unable to check; 2: check, and return an error if verification does not pass or cannot be completed.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.5
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	pwdCheckQuality
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdExpireWarning

Maximum number of seconds before expiry to begin returning errors to the user binding to the directory.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.7
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	pwdExpireWarning
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdFailureCountInterval

Number of seconds after which failures are purged from the failure counter.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.12
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	pwdFailureCountInterval
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdFailureTime

Timestamp of the last consecutive authentication failure.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	directoryOperation
<i>Description</i>	The timestamps of the last consecutive authentication failures
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.19
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	pwdFailureTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Generalized Time

pwdGraceAuthNLimit

Number of times an expired password can be used to authenticate.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.8
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	pwdGraceAuthNLimit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdGraceUseTime

Timestamps of grace authentications after a password expired.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	directoryOperation
<i>Description</i>	The timestamps of the grace authentication after the password has expired
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.21
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	pwdGraceUseTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Generalized Time

pwdHistory

History of previously used passwords.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	directoryOperation
<i>Description</i>	The history of user s passwords
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.20

<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	pwdHistory
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Octet String

pwdInHistory

Maximum number of passwords stored in the `pwdHistory` attribute.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.4
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	pwdInHistory
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdLockout

Whether the password can no longer used to authenticate when `pwdMaxFailure` has been reached.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.9
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true

<i>Names</i>	pwdLockout
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Boolean

pwdLockoutDuration

Number of seconds when the password can not be used to authenticate after `pwdMaxFailure` has been reached.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.10
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	pwdLockoutDuration
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdMaxAge

Number of seconds after which a password expires.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.3
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	pwdMaxAge
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdMaxFailure

Maximum number of consecutive failed bind attempts allowed before the account is locked.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.11
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	pwdMaxFailure
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdMinAge

Minimum number of seconds between modifications to the password.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.2
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true

<i>Names</i>	pwdMinAge
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdMinLength

Minimum number of characters in a password.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.6
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	pwdMinLength
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Integer

pwdMustChange

Whether users must change their passwords when first binding or after a password reset.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.13
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	pwdMustChange

<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Boolean

pwdPolicySubentry

Pointer to the password policy subentry for the current entry.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	directoryOperation
<i>Description</i>	The pwdPolicy subentry in effect for this object
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.23
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	pwdPolicySubentry
<i>User Modification Allowed</i>	false
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	DN

pwdReset

Whether the password has been reset by an administrator, and must be changed by the user.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	directoryOperation
<i>Description</i>	The indication that the password has been reset
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.22
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	pwdReset
<i>User Modification Allowed</i>	true

<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Boolean

pwdSafeModify

Whether the existing password must be supplied when changing passwords.

<i>Origin</i>	draft-behera-ldap-password-policy
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.15
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	pwdSafeModify
<i>User Modification Allowed</i>	true
<i>Used By</i>	pwdPolicy
<i>Schema File</i>	01-pwpolicy.ldif
<i>Syntax</i>	Boolean

ref

This attribute holds [labeledURI](#) values referring to another LDAP server. The URI should be an LDAP URL. The URI should not specify scope, filter, or an attribute description list, and it should contain a non-empty DN.

Example: `ldap://referral.example.com:1389/ou=Subscribers,dc=example,dc=com`

<i>Origin</i>	RFC 3296
<i>Usage</i>	distributedOperation
<i>Description</i>	named reference - a labeledURI
<i>OID</i>	2.16.840.1.113730.3.1.34
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	ref
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	referral
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

registeredAddress

A postal address suitable for reception of telegrams and expedited documents, where the recipient must accept delivery.

Example: `Receptionist$Widget, Inc.$1234 Main St.$Anytown, CA 12345$USA.`

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	postalAddress
<i>OID</i>	2.5.4.26
<i>Substring Matching Rule</i>	caseIgnoreListSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreListMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	registeredAddress
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Postal Address

replicaIdentifier

Uniquely identifies a replica in a topology.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	the OpenDS replication domain server identifier for the change
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.724

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	replicaIdentifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Directory String

replicationCSN

Holds a replication change sequence number.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	The OpenDS replication change number for the change
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.725
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	replicationCSN
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Directory String

rfc822mailMember

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	rfc822 mail address of group member
<i>OID</i>	1.3.6.1.4.1.42.2.27.2.1.15
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	rfc822mailMember
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisMailAlias
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

roleOccupant

Distinguished names of objects that fulfill the responsibilities of the current role object.

For example, if the role object is for Director of Engineering, this role could be fulfilled by multiple users.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	distinguishedName
<i>OID</i>	2.5.4.33
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	roleOccupant
<i>User Modification Allowed</i>	true
<i>Used By</i>	organizationalRole
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

roomNumber

Room number for an object, which might be multiple when rooms are being renumbered, for example. Use the **cn** attribute when naming rooms, as room numbers can change.

<i>Origin</i>	RFC 4524
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<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	roomNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotPerson, room
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

sambaAcctFlags

<i>Usage</i>	userApplications
<i>Description</i>	Account Flags
<i>OID</i>	1.3.6.1.4.1.7165.2.1.26
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaAcctFlags
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaAlgorithmicRidBase

<i>Usage</i>	userApplications
<i>Description</i>	Base at which the samba RID generation algorithm should operate
<i>OID</i>	1.3.6.1.4.1.7165.2.1.40

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaAlgorithmicRidBase
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaBadPasswordCount

<i>Usage</i>	userApplications
<i>Description</i>	Bad password attempt count
<i>OID</i>	1.3.6.1.4.1.7165.2.1.48
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaBadPasswordCount
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaBadPasswordTime

<i>Usage</i>	userApplications
<i>Description</i>	Time of the last bad password attempt
<i>OID</i>	1.3.6.1.4.1.7165.2.1.49
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	sambaBadPasswordTime
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaBoolOption

<i>Usage</i>	userApplications
<i>Description</i>	A boolean option
<i>OID</i>	1.3.6.1.4.1.7165.2.1.43
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	sambaBoolOption
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaConfigOption
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Boolean

sambaDomainName

<i>Usage</i>	userApplications
<i>Description</i>	Windows NT domain to which the user belongs
<i>OID</i>	1.3.6.1.4.1.7165.2.1.38
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaDomainName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	sambaDomain, sambaSamAccount, sambaTrustPassword
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaForceLogoff

<i>Usage</i>	userApplications
<i>Description</i>	Disconnect Users outside logon hours (default: -1 => off, 0 => on)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.66
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaForceLogoff
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaGroupType

<i>Usage</i>	userApplications
<i>Description</i>	NT Group Type
<i>OID</i>	1.3.6.1.4.1.7165.2.1.19
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaGroupType
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaGroupMapping
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaHomeDrive

<i>Usage</i>	userApplications
<i>Description</i>	Driver letter of home directory mapping
<i>OID</i>	1.3.6.1.4.1.7165.2.1.33
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaHomeDrive
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaHomePath

<i>Usage</i>	userApplications
<i>Description</i>	Home directory UNC path
<i>OID</i>	1.3.6.1.4.1.7165.2.1.37
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaHomePath
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaIntegerOption

<i>Usage</i>	userApplications
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<i>Description</i>	An integer option
<i>OID</i>	1.3.6.1.4.1.7165.2.1.44
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaIntegerOption
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaConfigOption
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaKickoffTime

<i>Usage</i>	userApplications
<i>Description</i>	Timestamp of when the user will be logged off automatically
<i>OID</i>	1.3.6.1.4.1.7165.2.1.32
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaKickoffTime
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaLMPassword

<i>Usage</i>	userApplications
<i>Description</i>	LanManager Password
<i>OID</i>	1.3.6.1.4.1.7165.2.1.24
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaLMPassword
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaLockoutDuration

<i>Usage</i>	userApplications
<i>Description</i>	Lockout duration in minutes (default: 30, -1 => forever)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.63
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaLockoutDuration
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaLockoutObservationWindow

<i>Usage</i>	userApplications
<i>Description</i>	Reset time after lockout in minutes (default: 30)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.64
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaLockoutObservationWindow

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaLockoutThreshold

<i>Usage</i>	userApplications
<i>Description</i>	Lockout users after bad logon attempts (default: 0 => off)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.65
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaLockoutThreshold
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaLogoffTime

<i>Usage</i>	userApplications
<i>Description</i>	Timestamp of last logoff
<i>OID</i>	1.3.6.1.4.1.7165.2.1.31
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaLogoffTime
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaLogonHours

<i>Usage</i>	userApplications
<i>Description</i>	Logon Hours
<i>OID</i>	1.3.6.1.4.1.7165.2.1.55
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaLogonHours
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaLogonScript

<i>Usage</i>	userApplications
<i>Description</i>	Logon script path
<i>OID</i>	1.3.6.1.4.1.7165.2.1.34
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	sambaLogonScript
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaLogonTime

<i>Usage</i>	userApplications
<i>Description</i>	Timestamp of last logon
<i>OID</i>	1.3.6.1.4.1.7165.2.1.30
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaLogonTime
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaLogonToChgPwd

<i>Usage</i>	userApplications
<i>Description</i>	Force Users to logon for password change (default: 0 => off, 2 => on)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.60
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaLogonToChgPwd
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaMaxPwdAge

<i>Usage</i>	userApplications
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<i>Description</i>	Maximum password age, in seconds (default: -1 => never expire passwords)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.61
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaMaxPwdAge
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaMinPwdAge

<i>Usage</i>	userApplications
<i>Description</i>	Minimum password age, in seconds (default: 0 => allow immediate password change)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.62
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaMinPwdAge
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaMinPwdLength

<i>Usage</i>	userApplications
<i>Description</i>	Minimal password length (default: 5)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.58

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaMinPwdLength
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaMungedDial

<i>Usage</i>	userApplications
<i>Description</i>	Base64 encoded user parameter string
<i>OID</i>	1.3.6.1.4.1.7165.2.1.47
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaMungedDial
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaNextGroupRid

<i>Usage</i>	userApplications
<i>Description</i>	Next NT rid to give out for groups
<i>OID</i>	1.3.6.1.4.1.7165.2.1.22
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	sambaNextGroupRid
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaNextRid

<i>Usage</i>	userApplications
<i>Description</i>	Next NT rid to give out for anything
<i>OID</i>	1.3.6.1.4.1.7165.2.1.39
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaNextRid
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaNextUserRid

<i>Usage</i>	userApplications
<i>Description</i>	Next NT rid to give our for users
<i>OID</i>	1.3.6.1.4.1.7165.2.1.21
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaNextUserRid

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaNTPassword

<i>Usage</i>	userApplications
<i>Description</i>	MD4 hash of the unicode password
<i>OID</i>	1.3.6.1.4.1.7165.2.1.25
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaNTPassword
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount, sambaTrustPassword
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaOptionName

<i>Usage</i>	userApplications
<i>Description</i>	Option Name
<i>OID</i>	1.3.6.1.4.1.7165.2.1.42
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaOptionName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	sambaConfigOption
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaPasswordHistory

<i>Usage</i>	userApplications
<i>Description</i>	Concatenated MD4 hashes of the unicode passwords used on this account
<i>OID</i>	1.3.6.1.4.1.7165.2.1.54
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaPasswordHistory
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaPrimaryGroupSID

<i>Usage</i>	userApplications
<i>Description</i>	Primary Group Security ID
<i>OID</i>	1.3.6.1.4.1.7165.2.1.23
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaPrimaryGroupSID
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaPrivilegeList

<i>Usage</i>	userApplications
<i>Description</i>	Privileges List
<i>OID</i>	1.3.6.1.4.1.7165.2.1.52
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaPrivilegeList
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaPrivilege
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaProfilePath

<i>Usage</i>	userApplications
<i>Description</i>	Roaming profile path
<i>OID</i>	1.3.6.1.4.1.7165.2.1.35
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	sambaProfilePath
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaPwdCanChange

<i>Usage</i>	userApplications
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<i>Description</i>	Timestamp of when the user is allowed to update the password
<i>OID</i>	1.3.6.1.4.1.7165.2.1.28
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaPwCanChange
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaPwHistoryLength

<i>Usage</i>	userApplications
<i>Description</i>	Length of Password History Entries (default: 0 => off)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.59
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaPwHistoryLength
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaPwLastSet

<i>Usage</i>	userApplications
<i>Description</i>	Timestamp of the last password update
<i>OID</i>	1.3.6.1.4.1.7165.2.1.27

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaPwdLastSet
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount, sambaTrustPassword
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaPwdMustChange

<i>Usage</i>	userApplications
<i>Description</i>	Timestamp of when the password will expire
<i>OID</i>	1.3.6.1.4.1.7165.2.1.29
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sambaPwdMustChange
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaRefuseMachinePwdChange

<i>Usage</i>	userApplications
<i>Description</i>	Allow Machine Password changes (default: 0 => off)
<i>OID</i>	1.3.6.1.4.1.7165.2.1.67
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch

<i>Single Value</i>	true
<i>Names</i>	sambaRefuseMachinePwdChange
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Integer

sambaShareName

<i>Usage</i>	userApplications
<i>Description</i>	Share Name
<i>OID</i>	1.3.6.1.4.1.7165.2.1.41
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	sambaShareName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaShare
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaSID

<i>Usage</i>	userApplications
<i>Description</i>	Security ID
<i>OID</i>	1.3.6.1.4.1.7165.2.1.20
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaSID
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaDomain, sambaGroupMapping, sambaIdmapEntry, sambaPrivilege, sambaSamAccount, sambaSidEntry, sambaTrustPassword
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaSIDList

<i>Usage</i>	userApplications
<i>Description</i>	Security ID List
<i>OID</i>	1.3.6.1.4.1.7165.2.1.51
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaSIDList
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaGroupMapping
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaStringListOption

<i>Usage</i>	userApplications
<i>Description</i>	A string list option
<i>OID</i>	1.3.6.1.4.1.7165.2.1.46
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaStringListOption
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	sambaConfigOption
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

sambaStringOption

<i>Usage</i>	userApplications
<i>Description</i>	A string option
<i>OID</i>	1.3.6.1.4.1.7165.2.1.45
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	sambaStringOption
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaConfigOption
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	IA5 String

sambaTrustFlags

<i>Usage</i>	userApplications
<i>Description</i>	Trust Password Flags
<i>OID</i>	1.3.6.1.4.1.7165.2.1.53
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sambaTrustFlags
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaTrustPassword
<i>Schema File</i>	05-samba.ldif

Syntax	IA5 String
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sambaUserWorkstations

<i>Usage</i>	userApplications
<i>Description</i>	List of user workstations the user is allowed to logon to
<i>OID</i>	1.3.6.1.4.1.7165.2.1.36
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	sambaUserWorkstations
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sambaSamAccount
<i>Schema File</i>	05-samba.ldif
<i>Syntax</i>	Directory String

searchGuide

Sets of information used by directory clients when constructing search filters.

This attribute is superseded by [enhancedSearchGuide](#).

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.14
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	searchGuide
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	country, dNSDomain, dmd, domain, friendlyCountry, locality, organization, organizationalUnit, pilotOrganization, rFC822LocalPart, sunservicecomponent
<i>Schema File</i>	00-core.ldif

Syntax	Guide
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searchTimeLimit

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Maximum time an agent or service allows for a search to complete
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.3
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	searchTimeLimit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Integer

secretary

DNs of secretary or administrative assistant entries for the entry of a person or entity.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.21
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	secretary
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

seeAlso

Distinguished names of entries related to the current entry.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	distinguishedName
<i>OID</i>	2.5.4.34
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	seeAlso
<i>User Modification Allowed</i>	true
<i>Used By</i>	account, applicationEntity, applicationProcess, dNSDomain, dSA, device, dmd, document, documentSeries, domain, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, person, pilotDSA, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, room, sunservicecomponent, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

serialNumber

Serial numbers of a device.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	serialNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	device
<i>Schema File</i>	00-core.ldif

Syntax	Printable String
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service-advert-attribute-authenticator

An SLP attribute authenticator, as described in RFC 2608, Section 9.2: *Authentication Blocks*.

<i>Origin</i>	RFC 2926
<i>Usage</i>	userApplications
<i>Description</i>	The authenticator for the attribute list, null if none.
<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	service-advert-attribute-authenticator
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	slpService, slpServicePrinter
<i>Schema File</i>	03-rfc2926.ldif
<i>Syntax</i>	IA5 String

service-advert-scopes

SLP scopes as described in RFC 2608, Section 6.4.1: *Scope Lists in SLP*.

<i>Origin</i>	RFC 2926
<i>Usage</i>	userApplications
<i>Description</i>	A list of scopes for a service advertisement.
<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	service-advert-scopes
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	slpService, slpServicePrinter
<i>Schema File</i>	03-rfc2926.ldif
<i>Syntax</i>	IA5 String

service-advert-service-type

Service-specific type of an SLP *template-type* as described in RFC 2609, Section 2.1: *Service URL Syntax*.

<i>Origin</i>	RFC 2926
<i>Usage</i>	userApplications
<i>Description</i>	The service type of the service advertisement, including the "service:" prefix.
<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	service-advert-service-type
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	slpService, slpServicePrinter
<i>Schema File</i>	03-rfc2926.ldif
<i>Syntax</i>	IA5 String

service-advert-url-authenticator

An SLP URL authenticator, as described in RFC 2608, Section 9.2: *Authentication Blocks*.

<i>Origin</i>	RFC 2926
<i>Usage</i>	userApplications
<i>Description</i>	The authenticator for the URL, null if none.
<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	service-advert-url-authenticator

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	slpService, slpServicePrinter
<i>Schema File</i>	03-rfc2926.ldif
<i>Syntax</i>	IA5 String

serviceAuthenticationMethod

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Specifies types authentication methods either used, required, or supported by a particular service
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.15
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	serviceAuthenticationMethod
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Directory String

serviceCredentialLevel

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Specifies the type of credentials either used, required, or supported by a specific service
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	serviceCredentialLevel
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	IA5 String

serviceSearchDescriptor

<i>Origin</i>	RFC 4876
<i>Usage</i>	userApplications
<i>Description</i>	Specifies search descriptors required, used, or supported by a particular service or agent
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.14
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	serviceSearchDescriptor
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	DUAConfigProfile
<i>Schema File</i>	05-rfc4876.ldif
<i>Syntax</i>	Directory String

shadowExpire

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.10
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	shadowExpire

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	shadowAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

shadowFlag

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.11
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	shadowFlag
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	shadowAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

shadowInactive

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.9
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	shadowInactive
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	shadowAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

shadowLastChange

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.5
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	shadowLastChange
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	shadowAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

shadowMax

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.7
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	shadowMax
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	shadowAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

shadowMin

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.6
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	shadowMin
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	shadowAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

shadowWarning

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>OID</i>	1.3.6.1.1.1.1.8
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	shadowWarning
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	shadowAccount
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

singleLevelQuality

Directory administrators can use this attribute to indicate the data quality at the level immediately below in the DIT.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.50
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	singleLevelQuality
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

sn

X.500 **surname** attribute that contains the family name of a person.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sn, surname
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, organizationalPerson, person, pilotPerson, rFC822LocalPart, residentialPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

sOARRecord

A type SOA (start of authority) DNS resource record.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.30
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sOARecord
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	IA5 String

SolarisAttrKeyValue

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Semi-colon separated key=value pairs of attributes
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.4
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisAttrKeyValue
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisAuthAttr, SolarisExecAttr, SolarisProfAttr, SolarisUserAttr, ipTnetTemplate
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisAttrLongDesc

<i>Origin</i>	Solaris Specific
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<i>Usage</i>	userApplications
<i>Description</i>	Detail description about an entry
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.8
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisAttrLongDesc
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisAuthAttr, SolarisProfAttr
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisAttrReserved1

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Reserved for future use
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisAttrReserved1
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisAuthAttr, SolarisExecAttr, SolarisProfAttr, SolarisUserAttr
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisAttrReserved2

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications

<i>Description</i>	Reserved for future use
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.14
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisAttrReserved2
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisAuthAttr, SolarisExecAttr, SolarisProfAttr, SolarisUserAttr
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisAttrShortDesc

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Short description about an entry, used by GUIs
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisAttrShortDesc
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisAuthAttr
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisAuditAlways

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Always audited attributes per-user

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisAuditAlways
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisAuditUser
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisAuditNever

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Never audited attributes per-user
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisAuditNever
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisAuditUser
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisAuthMethod

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Authentication method to be used eg. "NS_LDAP_AUTH_NONE", "NS_LDAP_AUTH_SIMPLE" or "NS_LDAP_AUTH_SASL_CRAM_MD5"

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.20
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	SolarisAuthMethod
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisBindDN

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	DN to be used to bind to the directory as proxy
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.18
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisBindDN
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Directory String

SolarisBindPassword

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Password for bindDN to authenticate to the directory

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.19
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisBindPassword
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Octet String

SolarisBindTimeLimit

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Time Limit in seconds for bind operations
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.31
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisBindTimeLimit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Integer

SolarisCacheTTL

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	TTL value for the Domain information eg. 1w, 2d, 3h, 10m, or 5s
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.17
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisCacheTTL
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisCertificatePassword

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Password or PIN that grants access to certificate.
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.23
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisCertificatePassword
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Octet String

SolarisCertificatePath

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Path to certificate file/device
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.22
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true

<i>Names</i>	SolarisCertificatePath
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisDataSearchDN

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Search DN for data lookup in ":(DN0),(DN1),..." format
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.24
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	SolarisDataSearchDN
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Directory String

SolarisKernelSecurityPolicy

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Solaris kernel security policy
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.9
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisKernelSecurityPolicy

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisExecAttr
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisLDAPServers

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	LDAP Server address eg. 76.234.3.1:389
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.15
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	SolarisLDAPServers
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisPreferredServer

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Preferred LDAP Server address or network number
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.27
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	SolarisPreferredServer
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisPreferredServerOnly

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Boolean flag for use of preferredServer or not
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.28
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisPreferredServerOnly
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Boolean

SolarisProfileId

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Identifier of object defined in profile
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisProfileId
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisExecAttr

<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisProfileType

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Type of object defined in profile
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisProfileType
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisExecAttr
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisProjectAttr

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Attributes of a Solaris Project entry
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.3
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisProjectAttr
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisProject

<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisProjectID

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Unique ID for a Solaris Project entry
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.1
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisProjectID
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisProject
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Integer

SolarisProjectName

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Name of a Solaris Project Entry
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.2
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisProjectName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisProject

<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisSearchBaseDN

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Search Base Distinguished Name
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.16
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisSearchBaseDN
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Directory String

SolarisSearchReferral

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	referral chasing option eg. "NS_LDAP_NOREF" or "NS_LDAP_FOLLOWREF"
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.29
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisSearchReferral
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif

Syntax	IA5 String
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SolarisSearchScope

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Scope to be used for search operations eg. "NS_LDAP_SCOPE_BASE", "NS_LDAP_SCOPE_ONELEVEL" or "NS_LDAP_SCOPE_SUBTREE"
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.25
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisSearchScope
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisSearchTimeLimit

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Time Limit in seconds for search operations
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.26
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	SolarisSearchTimeLimit
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif

Syntax	Integer
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SolarisTransportSecurity

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Transport Level Security method to be used eg. "NS_LDAP_SEC_NONE" or "NS_LDAP_SEC_SASL_TLS"
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.21
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisTransportSecurity
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisNamingProfile
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	IA5 String

SolarisUserQualifier

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Per-user login attributes
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Single Value</i>	true
<i>Names</i>	SolarisUserQualifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	SolarisUserAttr
<i>Schema File</i>	05-solaris.ldif

Syntax	IA5 String
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st

Full name of a state or province.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.8
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	st, stateOrProvinceName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

street

Site information for a postal address, such as the street name, place, avenue, and house number.

Example: **1234 Main St.**

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.9
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	street, streetAddress
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

structuralObjectClass

Indicates the structural object class of the entry.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.21.9
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	true
<i>Names</i>	structuralObjectClass
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

subschemaSubentry

This operational attribute indicates the entry holding the LDAP schema definitions that apply to the current entry.

<i>Origin</i>	RFC 4512
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	subschemaSubentry
<i>User Modification Allowed</i>	false

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	DN

subtreeMaximumQuality

Directory administrators can use this attribute to indicate the maximum data quality for a DIT subtree.

The default is the value of `singleLevelQuality`.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.52
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	subtreeMaximumQuality
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	qualityLabelledData
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

subtreeMinimumQuality

Directory administrators can use this attribute to indicate the minimum data quality for a DIT subtree.

The default is the value of `singleLevelQuality`.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.51
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	subtreeMinimumQuality

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	qualityLabelledData
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

subtreeSpecification

A subtree specification provides a way to describe a subset of entries in a subtree of the DIT. A subtree begins at a base entry and includes the subordinates of that entry to an optionally specified lower boundary, possibly including leaf entries.

The following example uses a subtree specification to apply privileges to Directory Administrators group members under `ou=people` (relative to the parent of the subentry). In other words, this sample applies to entries under `ou=people,dc=example,dc=com`:

```
dn: cn=Administrator Privileges,dc=example,dc=com
objectClass: collectiveAttributeSubentry
objectClass: extensibleObject
objectClass: subentry
objectClass: top
cn: Administrator Privileges
ds-privilege-name;collective: config-read
ds-privilege-name;collective: config-write
ds-privilege-name;collective: ldif-export
ds-privilege-name;collective: modify-acl
ds-privilege-name;collective: password-reset
ds-privilege-name;collective: proxied-auth
subtreeSpecification: {base "ou=people", specificationFilter
  "(isMemberOf=cn=Directory Administrators,ou=Groups,dc=example,dc=com)" }
```

Notice that the subentry where this operational attribute occurs sets the context that implicitly defines the bounds of the subtree.

<i>Origin</i>	RFC 3672
<i>Usage</i>	directoryOperation
<i>OID</i>	2.5.18.6
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	true
<i>Names</i>	subtreeSpecification
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry, subentry
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Subtree Specification

sun-fm-saml2-nameid-info

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	SAML 2.0 Name Identifier Information
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.990
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sun-fm-saml2-nameid-info
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunFMSAML2NameIdentifier
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

sun-fm-saml2-nameid-infokey

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	SAML 2.0 Name Identifier Information Key
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.989
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed

<i>Names</i>	sun-fm-saml2-nameid-infokey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunFMSAML2NameIdentifier
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

sun-printer-bsdaddr

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Sets the server, print queue destination name and whether the client generates protocol extensions. "Solaris" specifies a Solaris print server extension. The value is represented by the following value: server ", " destination ", Solaris".
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.63
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	sun-printer-bsdaddr
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunPrinter
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Directory String

sun-printer-kvp

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	This attribute contains a set of key value pairs which may have meaning to the print subsystem or may be user defined. Each value is represented by the following: key "=" value.
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.64
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sun-printer-kvp
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunPrinter
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Directory String

sunAMAuthInvalidAttemptsData

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	XML data for Invalid Login Attempts
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.793
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sunAMAuthInvalidAttemptsData
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunAMAuthAccountLockout
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

sunIdentityMSISDNNumber

This attribute type stores AM profile information.

<i>Origin</i>	OpenSSO
<i>Usage</i>	userApplications
<i>Description</i>	User MSISDN Number

<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.823
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sunIdentityMSISDNNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	iplanet-am-user-service
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>Syntax</i>	Directory String

sunKeyValue

This attribute type stores AM configuration data.

<i>Origin</i>	Sun Java System Identity Management
<i>Usage</i>	userApplications
<i>Description</i>	Encoded key values of the services
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.83
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sunKeyValue
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunRealmService, sunservice, sunservicecomponent
<i>Schema File</i>	60-config-schema.ldif
<i>Syntax</i>	Directory String

sunPluginSchema

This attribute type stores AM configuration data.

<i>Origin</i>	Sun Java System Identity Management
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<i>Usage</i>	userApplications
<i>Description</i>	Plugin schema information
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.82
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sunPluginSchema
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunservice
<i>Schema File</i>	60-config-schema.ldif
<i>Syntax</i>	Directory String

sunserviceID

This attribute type stores AM configuration data.

<i>Origin</i>	Sun Java System Identity Management
<i>Usage</i>	userApplications
<i>Description</i>	Reference to the inherited object
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.79
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	sunserviceID
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunservicecomponent
<i>Schema File</i>	60-config-schema.ldif
<i>Syntax</i>	Directory String

sunServiceSchema

This attribute type stores AM configuration data.

<i>Origin</i>	Sun Java System Identity Management
<i>Usage</i>	userApplications
<i>Description</i>	XML schema of a particular service
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.78
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	sunServiceSchema
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunservice
<i>Schema File</i>	60-config-schema.ldif
<i>Syntax</i>	Directory String

sunsmspriority

This attribute type stores AM configuration data.

<i>Origin</i>	Sun Java System Identity Management
<i>Usage</i>	userApplications
<i>Description</i>	Priority of the service with respect to its siblings
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.81
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	sunsmspriority
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunservicecomponent
<i>Schema File</i>	60-config-schema.ldif
<i>Syntax</i>	Integer

sunxmlKeyValue

This attribute type stores AM configuration data.

<i>Origin</i>	Sun Java System Identity Management
<i>Usage</i>	userApplications
<i>Description</i>	Key values in XML format
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.84
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	sunxmlKeyValue
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	sunRealmService, sunservice, sunservicecomponent
<i>Schema File</i>	60-config-schema.ldif
<i>Syntax</i>	Directory String

supportedAlgorithms

X.509 supported algorithms, as described in X.509 clause 11.2.7.

Request and transfer values using the binary option for the attribute description, `supportedAlgorithms;binary`.

<i>Origin</i>	RFC 4523
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.52
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedAlgorithms
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	userSecurityInformation
<i>Schema File</i>	00-core.ldif

Syntax	Supported Algorithm
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supportedApplicationContext

Identifiers of OSI application contexts.

<i>Origin</i>	RFC 2256
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.30
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedApplicationContext
<i>User Modification Allowed</i>	true
<i>Used By</i>	applicationEntity, dSA, pilotDSA
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

supportedAuthPasswordSchemes

Password storage schemes that can be used for `authPassword` values. This attribute is intended only for use on the root DSE.

<i>Origin</i>	RFC 3112
<i>Usage</i>	dSAOperation
<i>Description</i>	supported password storage schemes
<i>OID</i>	1.3.6.1.4.1.4203.1.3.3
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedAuthPasswordSchemes
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	03-rfc3112.ldif
<i>Syntax</i>	IA5 String

supportedControl

This operational attribute indicates LDAP controls supported by this server.

<i>Origin</i>	RFC 4512
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedControl
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

supportedExtension

This operational attribute indicates LDAP extended operations supported by this server.

<i>Origin</i>	RFC 4512
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedExtension
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

supportedFeatures

This operational attribute indicates optional LDAP features supported by this server.

<i>Origin</i>	RFC 4512
<i>Usage</i>	dSAOperation

<i>OID</i>	1.3.6.1.4.1.4203.1.3.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedFeatures
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	OID

supportedLDAPVersion

This operational attribute indicates LDAP versions supported by this server.

<i>Origin</i>	RFC 4512
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.15
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedLDAPVersion
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Integer

supportedSASLMechanisms

This operational attribute indicates SASL mechanisms supported by this server.

<i>Origin</i>	RFC 4512
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.1466.101.120.14
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedSASLMechanisms
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

supportedTLSCiphers

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.64
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedTLSCiphers
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

supportedTLSProtocols

<i>Origin</i>	OpenDJ Directory Server
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.63
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	supportedTLSProtocols
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Schema File</i>	02-config.ldif
<i>Syntax</i>	Directory String

targetDN

<i>Origin</i>	draft-good-ldap-changelog
<i>Usage</i>	userApplications
<i>Description</i>	the DN of the entry which was modified
<i>OID</i>	2.16.840.1.113730.3.1.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	targetDN
<i>User Modification Allowed</i>	true
<i>Used By</i>	changeLogEntry
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	DN

targetEntryUUID

Uniquely identifies an entry that is targeted to be changed.

<i>Origin</i>	OpenDS Directory Server
<i>Usage</i>	directoryOperation
<i>Description</i>	The OpenDS unique id of the entry targeted by the change
<i>OID</i>	1.3.6.1.4.1.26027.1.1.590
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	targetEntryUUID, targetUniqueID
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	03-changelog.ldif
<i>Syntax</i>	Directory String

telephoneNumber

Phone number in a format complying with the ITU Recommendation E.123, such as **+1 415 555 1212**.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.20
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	telephoneNumber
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, documentSeries, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, person, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, room, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Telephone Number

teletexTerminalIdentifier

This attribute is obsolete since the ITU Recommendation F.200 was withdrawn.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.22
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	teletexTerminalIdentifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif

Syntax	Teletex Terminal Identifier
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telexNumber

Set of strings specifying the telex number, country code, and answerback code of a telex terminal, such as `12345$023$ABCDE`.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.21
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	telexNumber
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Telex Number

template-major-version-number

Major component of an SLP `template-version` number for a service type template.

<i>Origin</i>	RFC 2926
<i>Usage</i>	userApplications
<i>Description</i>	The major version number of the service type template
<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.1
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	template-major-version-number
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	slpService, slpServicePrinter
<i>Schema File</i>	03-rfc2926.ldif
<i>Syntax</i>	Integer

template-minor-version-number

Minor component of an SLP [template-version](#) number for a service type template.

<i>Origin</i>	RFC 2926
<i>Usage</i>	userApplications
<i>Description</i>	The minor version number of the service type template
<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.2
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	template-minor-version-number
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	slpService, slpServicePrinter
<i>Schema File</i>	03-rfc2926.ldif
<i>Syntax</i>	Integer

template-url-syntax

ABNF grammar describing the service type specific part of the service URL for an SLP service type template.

<i>Origin</i>	RFC 2926
<i>Usage</i>	userApplications
<i>Description</i>	An ABNF grammar describing the service type specific part of the service URL
<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.3
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true

<i>Names</i>	template-url-syntax
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	slpService, slpServicePrinter
<i>Schema File</i>	03-rfc2926.ldif
<i>Syntax</i>	IA5 String

textEncodedORAddress

Text encoding of an X.400 O/R address, as specified in RFC 987.

This attribute was deprecated in 1991.

<i>Origin</i>	RFC 1274
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.2
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	textEncodedORAddress
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

title

Title of a person in their organizational context.

Examples: [Vice President](#), [Software Engineer](#).

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>Superior Type</i>	name
<i>OID</i>	2.5.4.12

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	title
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson, organizationalPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

uddiAccessPoint

The value of this attribute is a qualified pointer to a service entry point.

In UDDIv3, the convention is to precede pointer with the use type, as in *use-type#address*. For UDDIv2 compatibility, the recommended format is *v2-URL-type#v3-use-type#address*.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	entry point address to call a web service
<i>OID</i>	1.3.6.1.1.10.4.19
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiAccessPoint
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiAddressLine

The value of this attribute holds addresses in free-form text. The maximum size of the value is 80 characters.

If the address contains a template model key, then the value is prefixed with a key name and key value, as in *#key-name#key-value#address-data*.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	address
<i>OID</i>	1.3.6.1.1.10.4.13
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiAddressLine
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiAddress
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiAuthorizedName

The value of this attribute holds the name of the individual who registered the UDDI business entity or template model.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	businessEntity publisher name
<i>OID</i>	1.3.6.1.1.10.4.2
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Single Value</i>	true
<i>Names</i>	uddiAuthorizedName
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessEntity, uddiTModel, uddiv3EntityObituary, uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	DN

uddiBindingKey

The value of this attribute uniquely identifies a UDDI binding template.

This value should be empty when saving a new UDDI binding template.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	bindingTemplate unique identifier
<i>OID</i>	1.3.6.1.1.10.4.18
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiBindingKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiBusinessKey

The value of this attribute uniquely identifies a UDDI business entity.

This attribute is optional for a business service whose parent already has a business key.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	businessEntity unique identifier
<i>OID</i>	1.3.6.1.1.10.4.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiBusinessKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true

<i>Used By</i>	uddiBusinessEntity, uddiBusinessService
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiCategoryBag

The value of this attribute holds information about categorizing UDDI business entities, business services, and template models.

The value can optionally be prefixed with a template model and key name, as in `#t-model#key-name#key-value`. Only `key-value` is mandatory.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	categorization information
<i>OID</i>	1.3.6.1.1.10.4.15
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiCategoryBag
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiTModel
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiDescription

The value of this attribute localized descriptions.

Each value has the form, `xml:lang-value#description`.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	short description
<i>OID</i>	1.3.6.1.1.10.4.5

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiDescription
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiContact, uddiTModel, uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiDiscoveryURLs

The value of this attribute holds a list of URL to alternate, file-based service discovery mechanisms.

In UDDIv3, the convention is to precede the URL with the use type, as in *use-type#URL*.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	URL to retrieve a businessEntity instance
<i>OID</i>	1.3.6.1.1.10.4.6
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiDiscoveryURLs
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessEntity
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiEMail

The value of this attribute holds email addresses for the contact.

Prefix values with use type descriptions if more than one email address is provided, as in *use-type#email-address*.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	e-mail address for contact
<i>OID</i>	1.3.6.1.1.10.4.10
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiEMail
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiContact
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiFromKey

The value of this attribute uniquely references the first business entity for which an assertion is made.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	unique businessEntity key reference
<i>OID</i>	1.3.6.1.1.10.4.25
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiFromKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiPublisherAssertion
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiHostingRedirector

The value of this attribute indicates that a binding template entry is a pointer to another binding template entry.

UDDIv3 deprecates this element. Use [uddiAccessPoint](#) instead.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	designates a pointer to another bindingTemplate
<i>OID</i>	1.3.6.1.1.10.4.20
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiHostingRedirector
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiIdentifierBag

The value of this attribute holds information about common forms of identification, such as D-U-N-S numbers, and tax identifiers.

The value can optionally be prefixed with a template model and key name, as in [#t-model#key-name#key-value](#). Only *key-value* is mandatory.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	identification information
<i>OID</i>	1.3.6.1.1.10.4.14
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiIdentifierBag

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessEntity, uddiTModel
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiInstanceDescription

The value of this attribute holds one or more localized descriptions indicating the role a template model reference plays in the service description.

Each value has the form, *xml:lang-value#description*.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	instance details description
<i>OID</i>	1.3.6.1.1.10.4.21
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiInstanceDescription
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiInstanceParms

The value of this attribute holds the settings, or a URL reference to a file containing the settings, that are required to use a facet of a UDDI binding template description.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	URL reference to required settings

<i>OID</i>	1.3.6.1.1.10.4.22
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiInstanceParms
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddisHidden

The value of this attribute indicates a deleted template model that is not found in result sets when finding template models.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	isHidden attribute
<i>OID</i>	1.3.6.1.1.10.4.28
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	uddisHidden
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiTModel
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Boolean

uddisProjection

The value of this attribute indicates a business service that has a service projection.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications

<i>Description</i>	isServiceProjection attribute
<i>OID</i>	1.3.6.1.1.10.4.29
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	uddiIsProjection
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessService
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Boolean

uddiKeyedReference

The value of this attribute holds a name-value pair with an additional reference to a template model.

The value can optionally be prefixed with a template model and key name, as in `#t-model#key-name#key-value`.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	categorization information
<i>OID</i>	1.3.6.1.1.10.4.16
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiKeyedReference
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiPublisherAssertion
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiLang

The value of this attribute models the `xml:lang` value for a UDDIv3 address structure.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	xml:lang value in v3 Address structure
<i>OID</i>	1.3.6.1.1.10.4.30
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiLang
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiAddress
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiName

The value of this attribute holds a human-readable name for a UDDI business entity, business service, or template model.

Each value has the form, `xml:lang-value#name`, where at most one value can omit the `xml:lang-value#` prefix.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	human readable name
<i>OID</i>	1.3.6.1.1.10.4.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessEntity, uddiBusinessService, uddiTModel
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiOperator

The value of this attribute holds the certified name of the UDDI registry site operator that manages the master copy of the UDDI business entity or template model.

UDDIV3 uses `uddiv3NodeId` instead.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	registry site operator of businessEntity's master copy
<i>OID</i>	1.3.6.1.1.10.4.3
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiOperator
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessEntity, uddiTModel
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiOverviewDescription

The value of this attribute holds one or more localized descriptions indicating how to use a UDDI template model.

Each value has the form, `xml:lang-value#description`.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	outlines tModel usage
<i>OID</i>	1.3.6.1.1.10.4.23
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiOverviewDescription
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiTModel, uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiOverviewURL

The value of this attribute holds a URL to longer overview document describing how a UDDI template model reference is used as a component of an overall web service description.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	URL reference to overview document
<i>OID</i>	1.3.6.1.1.10.4.24
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiOverviewURL
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiTModel, uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiPersonName

The value of this attribute lists names of people or names of job roles available behind the contact.

Examples: `webmaster`, `administrator`.

In UDDIv3, each value can have the form, `xml:lang-value#name`.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	name of person or job role available for contact
<i>OID</i>	1.3.6.1.1.10.4.8

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiPersonName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiContact
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiPhone

The value of this attribute holds telephone numbers for the contact.

Prefix values with use type descriptions if more than one phone number is provided, as in *use-type#phone-number*.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	telephone number for contact
<i>OID</i>	1.3.6.1.1.10.4.9
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiPhone
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiContact
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiServiceKey

The value of this attribute uniquely identifies a UDDI business service.

This value should be empty when saving a new UDDI business service structure.

This attribute is optional for a business service whose parent already has a business key.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	businessService unique identifier
<i>OID</i>	1.3.6.1.1.10.4.17
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiServiceKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiBusinessService
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiSortCode

The value of this attribute drives behavior of external display mechanisms that sort addresses.

This is deprecated in UDDIv3.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	specifies an external display mechanism
<i>OID</i>	1.3.6.1.1.10.4.11
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiSortCode
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiAddress
<i>Schema File</i>	03-uddiv3.ldif

Syntax	Directory String
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uddiTModelKey

The value of this attribute uniquely identifies a UDDI template model.

When used with a keyed reference, it serves as the key identifying a value set, and implies that the key name-key value pair in a UDDI identify or category bag should be interpreted by the value set referenced by the template model key. When used with an address line element, it implies the key name and key pair in subsequent address line elements should be interpreted by the address structure associated with the referenced template model.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	tModel unique identifier
<i>OID</i>	1.3.6.1.1.10.4.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiTModelKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiAddress, uddiTModel, uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiToKey

The value of this attribute uniquely references the second business entity for which an assertion is made.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	unique businessEntity key reference
<i>OID</i>	1.3.6.1.1.10.4.26
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Single Value</i>	true
<i>Names</i>	uddiToKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiPublisherAssertion
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiUseType

The value of this attribute holds text describing a type of contact or address.

Examples: `technical contact`, `billing department`.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	name of convention the referenced document follows
<i>OID</i>	1.3.6.1.1.10.4.7
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiUseType
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiAddress, uddiContact
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiUUID

The value of this attribute uniquely a UDDI contact, address, or publisher assertion.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	unique attribute

<i>OID</i>	1.3.6.1.1.10.4.27
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiUUID
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiAddress, uddiContact, uddiPublisherAssertion, uddiv3EntityObituary, uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3BindingKey

The value of this attribute holds a unique, UDDIv3 identifier for a binding template.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 BindingTemplate unique identifier
<i>OID</i>	1.3.6.1.1.10.4.33
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3BindingKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3BriefResponse

The value of this attribute indicates whether a brief response is associated with a subscription entity. It controls the level of detail returned to a subscription listener.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Subscription ExpiresAfter field
<i>OID</i>	1.3.6.1.1.10.4.43
<i>Equality Matching Rule</i>	booleanMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3BriefResponse
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Boolean

uddiv3BusinessKey

The value of this attribute holds a unique, UDDIv3 identifier for a business entity.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 businessEntity unique identifier
<i>OID</i>	1.3.6.1.1.10.4.31
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3BusinessKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessEntity, uddiBusinessService
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3DigitalSignature

The value of this attribute holds an XML digital signature for a UDDI entity.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 entity digital signature
<i>OID</i>	1.3.6.1.1.10.4.35
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uddiv3DigitalSignature
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiPublisherAssertion, uddiTModel
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3EntityCreationTime

The value of this attribute holds the original creation time for a UDDI entity that is deleted in an entity obituary.

It is also used to record the original creation time in the event of a move.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Entity Creation Time
<i>OID</i>	1.3.6.1.1.10.4.45
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3EntityCreationTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiBusinessService, uddiv3EntityObituary
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Generalized Time

uddiv3EntityDeletionTime

The value of this attribute holds the deletion time for a UDDI entity that is deleted in an entity obituary.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Entity Deletion Time
<i>OID</i>	1.3.6.1.1.10.4.46
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3EntityDeletionTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3EntityObituary
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Generalized Time

uddiv3EntityKey

The value of this attribute holds a unique, UDDIv3 identifier for an instance of a UDDI data structure to be logged as an entity obituary.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Entity unique identifier
<i>OID</i>	1.3.6.1.1.10.4.44
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3EntityKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3EntityObituary

<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3EntityModificationTime

The value of this attribute holds the last modification time for a UDDI entity.

When a child entity is updated, the parent entity timestamp is also updated.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Last Modified Time for Entity
<i>OID</i>	1.3.6.1.1.10.4.37
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3EntityModificationTime
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBusinessEntity, uddiBusinessService
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Generalized Time

uddiv3ExpiresAfter

The value of this attribute specifies the expiry time for a subscription. Its type is `xsd:dateTime`.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Subscription ExpiresAfter field
<i>OID</i>	1.3.6.1.1.10.4.42
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3ExpiresAfter
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch

<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Generalized Time

uddiv3MaxEntities

The value of this attribute specifies the maximum number of entities that are returned as part of a subscription notification.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Subscription maxEntities field
<i>OID</i>	1.3.6.1.1.10.4.41
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3MaxEntities
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Integer

uddiv3NodeId

The value of this attribute holds a node identity for a UDDIv3 node.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Node Identifier
<i>OID</i>	1.3.6.1.1.10.4.36
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true

<i>Names</i>	uddiv3NodeId
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiPublisherAssertion, uddiTModel, uddiv3EntityObituary, uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3NotificationInterval

The value of this attribute holds a notification interval string. The string type is `xsd:duration`.

The interval specifies how often to send asynchronous change notifications to a subscriber.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Notification Interval
<i>OID</i>	1.3.6.1.1.10.4.40
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3NotificationInterval
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3ServiceKey

The value of this attribute holds a unique, UDDIv3 identifier for a business service.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 businessService unique identifier

<i>OID</i>	1.3.6.1.1.10.4.32
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3ServiceKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiBindingTemplate, uddiBusinessService
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3SubscriptionFilter

The value of this attribute holds a UDDIv3 subscription filter. The filter criteria limit the scope of a subscription to a subset of registry records.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Subscription Filter
<i>OID</i>	1.3.6.1.1.10.4.39
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3SubscriptionFilter
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3SubscriptionKey

The value of this attribute holds a unique, UDDIv3 identifier for a subscription entity.

<i>Origin</i>	RFC 4403
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<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 Subscription unique identifier
<i>OID</i>	1.3.6.1.1.10.4.38
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3SubscriptionKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uddiv3TModelKey

The value of this attribute holds a unique, UDDIv3 identifier for a template model.

<i>Origin</i>	RFC 4403
<i>Usage</i>	userApplications
<i>Description</i>	UDDIv3 TModel unique identifier
<i>OID</i>	1.3.6.1.1.10.4.34
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	true
<i>Names</i>	uddiv3TModelKey
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	uddiAddress, uddiTModel, uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>Syntax</i>	Directory String

uid

Computer system login names associated with the entry.

Example: `bjensen`, `root`.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.1
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uid, userid
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	account, inetOrgPerson, inetuser, pilotPerson, posixAccount, sambaSamAccount, shadowAccount, uidObject, untypedObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

uidNumber

<i>Origin</i>	draft-howard-rfc2307bis
<i>Usage</i>	userApplications
<i>Description</i>	An integer uniquely identifying a user in an administrative domain
<i>OID</i>	1.3.6.1.1.1.1.0
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Equality Matching Rule</i>	integerMatch
<i>Single Value</i>	true
<i>Names</i>	uidNumber
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	nisKeyObject, posixAccount, sambaIdmapEntry, sambaUnixIdPool
<i>Schema File</i>	04-rfc2307bis.ldif
<i>Syntax</i>	Integer

uniqueIdentifier

Unique identifier for a directory object. The semantics of uniqueness are defined locally for the directory, so the values are not necessarily universally unique identifiers, but might be a payroll number for an individual or a department code for an organizational unit.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.44
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uniqueIdentifier
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotObject
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

uniqueMember

Distinguished names of objects that are part of a group, where the RDN of the object includes a value to distinguish between names that have been reused.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.50
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	uniqueMemberMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	uniqueMember
<i>User Modification Allowed</i>	true
<i>Used By</i>	groupOfUniqueNames
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Name and Optional UID

userCertificate

X.509 certificate issued to the user, as described in X.509 clause 11.2.1.

Request and transfer values using the binary option for the attribute description, `userCertificate;binary`.

<i>Origin</i>	RFC 4523
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.36
<i>Equality Matching Rule</i>	certificateExactMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	userCertificate
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	ds-certificate-user, inetOrgPerson, pkiUser, strongAuthenticationUser
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Certificate

userClass

Categories to refer to a computer or application user, such as `full-time employee` or `contractor`.

Similar attributes include `organizationalStatus` and `title`.

<i>Origin</i>	RFC 4524
<i>Usage</i>	userApplications
<i>OID</i>	0.9.2342.19200300.100.1.8
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	userClass
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	pilotPerson

<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

userPassword

Octet string known only to the user and the system to which the user has access.

Applications should prepare textual strings used as passwords by transcoding them to Unicode, applying SASLprep as described in RFC 4013, and encoding as UTF-8. The client must determine whether a password is a textual string.

Passwords are not encrypted during transport. If the underlying transport is not secure, transmission can result in disclosure of the password to unauthorized parties.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.35
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	userPassword
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, inetuser, ipHost, organization, organizationalPerson, organizationalUnit, person, pilotOrganization, pilotPerson, posixAccount, posixGroup, rFC822LocalPart, residentialPerson, shadowAccount, simpleSecurityObject, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Octet String

userPKCS12

PKCS#12 format personal identity information.

Request and transfer values using the binary option for the attribute description, `userPKCS12;binary`.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications

<i>Description</i>	PKCS #12 PFX PDU for exchange of personal identity information
<i>OID</i>	2.16.840.1.113730.3.1.216
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	userPKCS12
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Binary

userSMIMECertificate

PKCS#7 SignedData, where the content signed is ignored by consumers of `userSMIMECertificate` values. PKCS#7 is described in RFC 2315.

A value holds the entire certificate chain and a `smimeCapabilities` field as described in RFC 2633. This attribute is preferred over `userCertificate` for S/MIME applications.

Values should have a data `contentType` and omit the `content` field.

Request and transfer values using the binary option for the attribute description, `userSMIMECertificate;binary`.

<i>Origin</i>	RFC 2798
<i>Usage</i>	userApplications
<i>Description</i>	PKCS#7 SignedData used to support S/MIME
<i>OID</i>	2.16.840.1.113730.3.1.40
<i>Equality Matching Rule</i>	octetStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	userSMIMECertificate
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Binary

vendorName

Name of the party who implemented this LDAP server.

Access to this attribute may be restricted, so client applications must not expect this attribute to be available.

<i>Origin</i>	RFC 3045
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.1.4
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	vendorName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Directory String

vendorVersion

Version of this LDAP server implementation, which must be unique between two versions.

Access to this attribute may be restricted, so client applications must not expect this attribute to be available.

<i>Origin</i>	RFC 3045
<i>Usage</i>	dSAOperation
<i>OID</i>	1.3.6.1.1.5
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Single Value</i>	true
<i>Names</i>	vendorVersion
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	false
<i>Schema File</i>	00-core.ldif

Syntax	Directory String
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webauthnDeviceProfiles

<i>Origin</i>	OpenAM
<i>Usage</i>	userApplications
<i>Description</i>	WebAuthn device profiles string
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.1.12
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	webauthnDeviceProfiles
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	webauthnDeviceProfilesContainer
<i>Schema File</i>	60-identity-store-ds-webauthndevices.ldif
<i>Syntax</i>	Directory String

winAccountName

<i>Origin</i>	Solaris Specific
<i>Usage</i>	userApplications
<i>Description</i>	Windows user or group Name corresponding to a Unix user or group
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.62
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	winAccountName
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>User Modification Allowed</i>	true
<i>Schema File</i>	05-solaris.ldif
<i>Syntax</i>	Directory String

x121Address

Data network address as defined by ITU Recommendation X.121.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.24
<i>Substring Matching Rule</i>	numericStringSubstringsMatch
<i>Equality Matching Rule</i>	numericStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	x121Address
<i>Ordering Matching Rule</i>	numericStringOrderingMatch
<i>User Modification Allowed</i>	true
<i>Used By</i>	dNSDomain, dmd, domain, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Numeric String

x500UniqueIdentifier

Binary string used to distinguish between objects that reuse the same distinguished name.

<i>Origin</i>	RFC 4519
<i>Usage</i>	userApplications
<i>OID</i>	2.5.4.45
<i>Equality Matching Rule</i>	bitStringMatch
<i>Single Value</i>	false: multiple values allowed
<i>Names</i>	x500UniqueIdentifier
<i>User Modification Allowed</i>	true
<i>Used By</i>	inetOrgPerson
<i>Schema File</i>	00-core.ldif
<i>Syntax</i>	Bit String

Chapter 2

DIT Content Rules

None defined in the default LDAP schema.

Chapter 3

DIT Structure Rules

This chapter covers schema definitions for DIT structure rules:

- "uddiAddressStructureRule"
- "uddiBindingTemplateStructureRule"
- "uddiBusinessEntityStructureRule"
- "uddiBusinessServiceStructureRule"
- "uddiContactStructureRule"
- "uddiPublisherAssertionStructureRule"
- "uddiTModelInstanceInfoStructureRule"
- "uddiTModelStructureRule"
- "uddiv3EntityObituaryStructureRule"
- "uddiv3SubscriptionStructureRule"

uddiAddressStructureRule

<i>Names</i>	uddiAddressStructureRule
<i>Origin</i>	RFC 4403
<i>Rule ID</i>	3
<i>Name Form</i>	uddiAddressNameForm
<i>Superior Rules</i>	uddiContactStructureRule
<i>Schema File</i>	03-uddiv3.ldif

uddiBindingTemplateStructureRule

<i>Names</i>	uddiBindingTemplateStructureRule
<i>Origin</i>	RFC 4403

<i>Rule ID</i>	5
<i>Name Form</i>	uddiBindingTemplateNameForm
<i>Superior Rules</i>	uddiBusinessServiceStructureRule
<i>Schema File</i>	03-uddiv3.ldif

uddiBusinessEntityStructureRule

<i>Names</i>	uddiBusinessEntityStructureRule
<i>Origin</i>	RFC 4403
<i>Rule ID</i>	1
<i>Name Form</i>	uddiBusinessEntityNameForm
<i>Schema File</i>	03-uddiv3.ldif

uddiBusinessServiceStructureRule

<i>Names</i>	uddiBusinessServiceStructureRule
<i>Origin</i>	RFC 4403
<i>Rule ID</i>	4
<i>Name Form</i>	uddiBusinessServiceNameForm
<i>Superior Rules</i>	uddiBusinessEntityStructureRule
<i>Schema File</i>	03-uddiv3.ldif

uddiContactStructureRule

<i>Names</i>	uddiContactStructureRule
<i>Origin</i>	RFC 4403
<i>Rule ID</i>	2
<i>Name Form</i>	uddiContactNameForm
<i>Superior Rules</i>	uddiBusinessEntityStructureRule
<i>Schema File</i>	03-uddiv3.ldif

uddiPublisherAssertionStructureRule

<i>Names</i>	uddiPublisherAssertionStructureRule
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<i>Origin</i>	RFC 4403
<i>Rule ID</i>	8
<i>Name Form</i>	uddiPublisherAssertionNameForm
<i>Schema File</i>	03-uddiv3.ldif

uddiTModelInstanceInfoStructureRule

<i>Names</i>	uddiTModelInstanceInfoStructureRule
<i>Origin</i>	RFC 4403
<i>Rule ID</i>	6
<i>Name Form</i>	uddiTModelInstanceInfoNameForm
<i>Superior Rules</i>	uddiBindingTemplateStructureRule
<i>Schema File</i>	03-uddiv3.ldif

uddiTModelStructureRule

<i>Names</i>	uddiTModelStructureRule
<i>Origin</i>	RFC 4403
<i>Rule ID</i>	7
<i>Name Form</i>	uddiTModelNameForm
<i>Schema File</i>	03-uddiv3.ldif

uddiv3EntityObituaryStructureRule

<i>Names</i>	uddiv3EntityObituaryStructureRule
<i>Origin</i>	RFC 4403
<i>Rule ID</i>	10
<i>Name Form</i>	uddiv3EntityObituaryNameForm
<i>Schema File</i>	03-uddiv3.ldif

uddiv3SubscriptionStructureRule

<i>Names</i>	uddiv3SubscriptionStructureRule
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<i>Origin</i>	RFC 4403
<i>Rule ID</i>	9
<i>Name Form</i>	uddiv3SubscriptionNameForm
<i>Schema File</i>	03-uddiv3.ldif

Chapter 4

Matching Rule Uses

None defined in the default LDAP schema.

Chapter 5

Matching Rules

This chapter covers schema definitions for matching rules:

- "1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6"
- "authPasswordExactMatch"
- "authPasswordMatch"
- "bitStringMatch"
- "booleanMatch"
- "caseExactIA5Match"
- "caseExactIA5SubstringsMatch"
- "caseExactJsonIdMatch"
- "caseExactJsonQueryMatch"
- "caseExactMatch"
- "caseExactOrderingMatch"
- "caseExactSubstringsMatch"
- "caseIgnoreIA5Match"
- "caseIgnoreIA5SubstringsMatch"
- "caseIgnoreJsonIdMatch"
- "caseIgnoreJsonQueryMatch"
- "caseIgnoreJsonQueryMatchClusterObject"
- "caseIgnoreJsonQueryMatchManagedRole"
- "caseIgnoreJsonQueryMatchManagedUser"
- "caseIgnoreJsonQueryMatchRelationship"
- "caseIgnoreListMatch"

- "caseIgnoreListSubstringsMatch"
- "caseIgnoreMatch"
- "caseIgnoreOrderingMatch"
- "caseIgnoreSubstringsMatch"
- "certificateExactMatch"
- "ctsOAuth2GrantSetEqualityMatch"
- "directoryStringFirstComponentMatch"
- "distinguishedNameMatch"
- "ds-mr-double-metaphone-approx"
- "ds-mr-user-password-equality"
- "ds-mr-user-password-exact"
- "generalizedTimeMatch"
- "generalizedTimeOrderingMatch"
- "historicalCsnOrderingMatch"
- "historicalCsnRangeMatch"
- "integerFirstComponentMatch"
- "integerMatch"
- "integerOrderingMatch"
- "jsonFirstComponentCaseExactJsonQueryMatch"
- "jsonFirstComponentCaseIgnoreJsonQueryMatch"
- "keywordMatch"
- "nameAndOptionalCaseExactJsonIdEqualityMatch"
- "nameAndOptionalCaseIgnoreJsonIdEqualityMatch"
- "nameAndOptionalJsonEqualityMatchingRule"
- "numericStringMatch"
- "numericStringOrderingMatch"
- "numericStringSubstringsMatch"

- "objectIdentifierFirstComponentMatch"
- "objectIdentifierMatch"
- "octetStringMatch"
- "octetStringOrderingMatch"
- "octetStringSubstringsMatch"
- "partialDateAndTimeMatchingRule"
- "presentationAddressMatch"
- "protocolInformationMatch"
- "relativeTimeGTOrderingMatch"
- "relativeTimeLTOrderingMatch"
- "telephoneNumberMatch"
- "telephoneNumberSubstringsMatch"
- "uniqueMemberMatch"
- "uuidMatch"
- "uuidOrderingMatch"
- "wordMatch"

1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6

<i>Origin</i>	OpenDJ X-ENUM Syntax
<i>Description</i>	Collective Conflict Behavior enumeration ordering matching rule
<i>OID</i>	1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6
<i>Syntax</i>	Collective Conflict Behavior

authPasswordExactMatch

Compares an asserted `authPasswordSyntax` value with an `authPasswordSyntax` attribute's value.

The rule evaluates to TRUE if and only if there is an attribute value with the same `schema`, `authInfo`, and `authValue` as the asserted value. The rule evaluates to FALSE if no attribute value has the same components. Otherwise, the rule evaluates to Undefined.

<i>Names</i>	authPasswordExactMatch
<i>Origin</i>	RFC 3112
<i>Description</i>	authentication password exact matching rule
<i>OID</i>	1.3.6.1.4.1.4203.1.2.2
<i>Syntax</i>	Authentication Password Syntax

authPasswordMatch

Compares an asserted `authPasswordSyntax` value with an `authPasswordSyntax` attribute's value when an `extensibleMatch` filter component is used. Each value is matched according to its scheme.

The rule evaluates to TRUE if and only if there is an attribute value that matches the asserted value. The rule evaluates to FALSE if no attribute value matches. Otherwise, the rule evaluates to Undefined.

<i>Names</i>	authPasswordMatch
<i>Description</i>	authentication password matching rule
<i>OID</i>	1.3.6.1.4.1.4203.1.2.3
<i>Syntax</i>	Authentication Password Syntax

bitStringMatch

Compares an assertion of Bit String syntax to a value whose syntax is the ASN.1 BIT STRING type.

If the ASN.1 type does not have a named bit list, the rule evaluates to TRUE if and only if the assertion and value have the same number of bits, and each bit matches. Otherwise, the same rules apply, but trailing zero bits are ignored.

<i>Names</i>	bitStringMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.16
<i>Syntax</i>	Bit String

booleanMatch

Compares an assertion of Boolean syntax to a value whose syntax is the ASN.1 BOOLEAN type.

The rule evaluates to TRUE if and only if the assertion and value are either both TRUE, or both FALSE.

<i>Names</i>	booleanMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.13
<i>Syntax</i>	Boolean

caseExactIA5Match

Compares an assertion of IA5 String syntax to a value whose syntax is the ASN.1 IA5String type.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseExactIA5Match
<i>Origin</i>	RFC 4517
<i>OID</i>	1.3.6.1.4.1.1466.109.114.1
<i>Syntax</i>	IA5 String

caseExactIA5SubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is the ASN.1 IA5String type, or one of the alternative types.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseExactIA5SubstringsMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	1.3.6.1.4.1.26027.1.4.902

Syntax

Substring Assertion

caseExactJsonIdMatch

This matching rule is used for attributes whose values are JSON objects. With this rule, only the `"_id"` fields matter for matching. In other words, two JSON objects are considered equal if their `"_id"` values match, regardless of other values.

Respect case when finding matches. For example, `BJensen` and `bjensen` *do not* match.

<i>Names</i>	caseExactJsonIdMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.5
<i>Syntax</i>	Json

caseExactJsonQueryMatch

This matching rule is used for attributes whose values are JSON objects.

Respect case when finding matches. For example, `Babs` and `babs` *do not* match.

<i>Names</i>	caseExactJsonQueryMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.2
<i>Syntax</i>	Json Query

caseExactMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseExactMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.5
<i>Syntax</i>	Directory String

caseExactOrderingMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string is less than prepared assertion value string according to the code point collation order. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseExactOrderingMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.6
<i>Syntax</i>	Directory String

caseExactSubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseExactSubstringsMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.7
<i>Syntax</i>	Substring Assertion

caseIgnoreIA5Match

Compares an assertion of IA5 String syntax to a value whose syntax is the ASN.1 IA5String type.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code

point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseIgnoreIA5Match
<i>Origin</i>	RFC 4517
<i>OID</i>	1.3.6.1.4.1.1466.109.114.2
<i>Syntax</i>	IA5 String

caseIgnoreIA5SubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is the ASN.1 IA5String type, or one of the alternative types.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseIgnoreIA5SubstringsMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	1.3.6.1.4.1.1466.109.114.3
<i>Syntax</i>	Substring Assertion

caseIgnoreJsonIdMatch

This matching rule is used for attributes whose values are JSON objects. With this rule, only the `"_id"` fields matter for matching. In other words, two JSON objects are considered equal if their `"_id"` values match, regardless of other values.

Ignore case when finding matches. For example, `BJensen` matches `bjensen`.

<i>Names</i>	caseIgnoreJsonIdMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.4

<i>Syntax</i>	Json
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caseIgnoreJsonQueryMatch

This matching rule is used for attributes whose values are JSON objects.

Ignore case when finding matches. For example, **Babs** matches **babs**.

<i>Names</i>	caseIgnoreJsonQueryMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.1
<i>Syntax</i>	Json Query

caseIgnoreJsonQueryMatchClusterObject

<i>Names</i>	caseIgnoreJsonQueryMatchClusterObject
<i>OID</i>	1.3.6.1.4.1.36733.2.3.4.4
<i>Syntax</i>	Json Query

caseIgnoreJsonQueryMatchManagedRole

<i>Names</i>	caseIgnoreJsonQueryMatchManagedRole
<i>OID</i>	1.3.6.1.4.1.36733.2.3.4.2
<i>Syntax</i>	Json Query

caseIgnoreJsonQueryMatchManagedUser

<i>Names</i>	caseIgnoreJsonQueryMatchManagedUser
<i>OID</i>	1.3.6.1.4.1.36733.2.3.4.1
<i>Syntax</i>	Json Query

caseIgnoreJsonQueryMatchRelationship

<i>Names</i>	caseIgnoreJsonQueryMatchRelationship
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<i>OID</i>	1.3.6.1.4.1.36733.2.3.4.3
<i>Syntax</i>	Json Query

caseIgnoreListMatch

Compares an assertion that is a sequence of strings to a value whose syntax is an ASN.1 SEQUENCE OF the DirectoryString type.

The rule evaluates to TRUE if and only if the attribute value and the assertion value have the same number of strings, and corresponding strings match according to the [caseIgnoreMatch](#) matching rule.

<i>Names</i>	caseIgnoreListMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.11
<i>Syntax</i>	Postal Address

caseIgnoreListSubstringsMatch

Compares an assertion value of the Substring Assertion syntax to a value whose syntax is an ASN.1 SEQUENCE OF the DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value matches the concatenated strings of the attribute value, where none of the initial, any, or final substrings match if they span more than one of the original attribute value strings. The match is evaluated according to the [caseIgnoreSubstringsMatch](#) rule.

<i>Names</i>	caseIgnoreListSubstringsMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.12
<i>Syntax</i>	Substring Assertion

caseIgnoreMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseIgnoreMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.2
<i>Syntax</i>	Directory String

caseIgnoreOrderingMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string is less than prepared assertion value string according to the code point collation order. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseIgnoreOrderingMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.3
<i>Syntax</i>	Directory String

caseIgnoreSubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>Names</i>	caseIgnoreSubstringsMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.4
<i>Syntax</i>	Substring Assertion

certificateExactMatch

Compares a certificate exact assertion value with an attribute value of certificate syntax.

<i>Names</i>	certificateExactMatch
<i>Origin</i>	RFC 4523
<i>OID</i>	2.5.13.34
<i>Syntax</i>	X.509 Certificate Exact Assertion

ctsOAuth2GrantSetEqualityMatch

<i>Names</i>	ctsOAuth2GrantSetEqualityMatch
<i>OID</i>	1.3.6.1.4.1.36733.2.2.4.1
<i>Syntax</i>	Json Query

directoryStringFirstComponentMatch

Compares an assertion value of DirectoryString syntax to a value whose syntax is an ASN.1 SEQUENCE with a mandatory first component of the ASN.1 DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value matches the first component of the attribute value according to the [caseIgnoreMatch](#) matching rule.

<i>Names</i>	directoryStringFirstComponentMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.31
<i>Syntax</i>	Directory String

distinguishedNameMatch

Compares an assertion value of DN syntax to a value whose syntax is an ASN.1 DistinguishedName type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value have the same number of RDNs, and the RDNs in the same position are the same. Two RDNs are the same if and only if they have the same number of attribute value assertions (AVA), and each AVA of the first RDN is the same as the AVA of the second RDN with the same attribute type, according to the equality matching rule for the attribute type. Order of AVAs is not significant. If one or more AVAs evaluate to Undefined, and the remaining AVAs evaluate to TRUE, then the [distinguishedNameMatch](#) evaluates to Undefined.

<i>Names</i>	distinguishedNameMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.1
<i>Syntax</i>	DN

ds-mr-double-metaphone-approx

<i>Names</i>	ds-mr-double-metaphone-approx
<i>Origin</i>	OpenDS Directory Server
<i>Description</i>	Double Metaphone Approximate Match
<i>OID</i>	1.3.6.1.4.1.26027.1.4.1
<i>Syntax</i>	Directory String

ds-mr-user-password-equality

<i>Names</i>	ds-mr-user-password-equality
<i>Description</i>	user password matching rule
<i>OID</i>	1.3.6.1.4.1.26027.1.4.3
<i>Syntax</i>	Octet String

ds-mr-user-password-exact

<i>Names</i>	ds-mr-user-password-exact
<i>Origin</i>	OpenDS Directory Server
<i>Description</i>	user password exact matching rule
<i>OID</i>	1.3.6.1.4.1.26027.1.4.2
<i>Syntax</i>	User Password

generalizedTimeMatch

Compares an assertion value of Generalized Time syntax to a value whose syntax is an ASN.1 GeneralizedTime type.

The rule evaluates to TRUE if and only if the attribute value represents a universal coordinated time that is the same as the assertion value.

<i>Names</i>	generalizedTimeMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.27
<i>Syntax</i>	Generalized Time

generalizedTimeOrderingMatch

Compares an assertion value of Generalized Time syntax to a value whose syntax is an ASN.1 GeneralizedTime type.

The rule evaluates to TRUE if and only if the attribute value represents a universal coordinated time that is earlier than the assertion value.

<i>Names</i>	generalizedTimeOrderingMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.28
<i>Syntax</i>	Generalized Time

historicalCsnOrderingMatch

<i>Names</i>	historicalCsnOrderingMatch
<i>OID</i>	1.3.6.1.4.1.26027.1.4.4
<i>Syntax</i>	Octet String

historicalCsnRangeMatch

<i>Names</i>	historicalCsnRangeMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.3
<i>Syntax</i>	Directory String

integerFirstComponentMatch

Compares an assertion value of Integer syntax to a value whose syntax is an ASN.1 SEQUENCE with a mandatory first component of the ASN.1 INTEGER type.

The rule evaluates to TRUE if and only if the assertion value and the first component of the attribute value are the same integer value.

<i>Names</i>	integerFirstComponentMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.29
<i>Syntax</i>	Integer

integerMatch

Compares an assertion value of Integer syntax to a value whose syntax is the ASN.1 INTEGER type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value are the same integer value.

<i>Names</i>	integerMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.14
<i>Syntax</i>	Integer

integerOrderingMatch

Compares an assertion value of Integer syntax to a value whose syntax is the ASN.1 INTEGER type.

The rule evaluates to TRUE if and only if the integer value of the assertion is less than the integer value of the attribute.

<i>Names</i>	integerOrderingMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.15
<i>Syntax</i>	Integer

jsonFirstComponentCaseExactJsonQueryMatch

This matching rule compares JSON ignoring white space that is not significant. For the comparison, characters are not case-folded.

When used for JSON indexing, this rule indexes all JSON fields.

<i>Names</i>	jsonFirstComponentCaseExactJsonQueryMatch
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<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.9
<i>Syntax</i>	Name and Optional JSON

jsonFirstComponentCaseIgnoreJsonQueryMatch

This matching rule compares JSON ignoring white space that is not significant. For the comparison, characters are case-folded.

When used for JSON indexing, this rule indexes all JSON fields.

<i>Names</i>	jsonFirstComponentCaseIgnoreJsonQueryMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.8
<i>Syntax</i>	Name and Optional JSON

keywordMatch

Compares an assertion value of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value character string matches a keyword in the attribute value, where keyword matches are implementation defined.

In this implementation, a keyword match occurs if the assertion value is contained within the attribute value, and the assertion value is bounded by the start or the end of the attribute value or any of the following characters:

- A space
- A period
- A comma
- A slash
- A dollar sign
- A plus sign
- A dash
- An underscore

- An octothorpe (#)
- An equal sign

<i>Names</i>	keywordMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.33
<i>Syntax</i>	Directory String

nameAndOptionalCaseExactJsonIdEqualityMatch

This matching rule compares only the DN and the `_id` field of the optional JSON, ignoring other fields of the optional JSON.

For the comparison, characters are not case-folded.

<i>Names</i>	nameAndOptionalCaseExactJsonIdEqualityMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.11
<i>Syntax</i>	Name and Optional JSON

nameAndOptionalCaseIgnoreJsonIdEqualityMatch

This matching rule compares only the DN and the `_id` field of the optional JSON, ignoring other fields of the optional JSON.

For the comparison, characters are case-folded.

<i>Names</i>	nameAndOptionalCaseIgnoreJsonIdEqualityMatch
<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.10
<i>Syntax</i>	Name and Optional JSON

nameAndOptionalJsonEqualityMatchingRule

This matching rule ignores optional JSON prepended to the DN value.

<i>Names</i>	nameAndOptionalJsonEqualityMatchingRule
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<i>Origin</i>	OpenDJ Directory Server
<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.7
<i>Syntax</i>	Name and Optional JSON

numericStringMatch

Compares an assertion of Numeric String syntax to a value whose syntax is the ASN.1 NumericString type.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>Names</i>	numericStringMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.8
<i>Syntax</i>	Numeric String

numericStringOrderingMatch

Compares an assertion of Numeric String syntax to a value whose syntax is the ASN.1 NumericString type.

The rule evaluates to TRUE if and only if the prepared attribute value string is less than prepared assertion value string according to the code point collation order. For the comparison, characters are not case folded, and only insignificant white space handling is applied. All space characters are skipped during rule evaluation.

<i>Names</i>	numericStringOrderingMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.9
<i>Syntax</i>	Numeric String

numericStringSubstringsMatch

Compares an assertion of Numeric String syntax to a value whose syntax is the ASN.1 NumericString type.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>Names</i>	numericStringSubstringsMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.10
<i>Syntax</i>	Substring Assertion

objectIdentifierFirstComponentMatch

Compares an assertion value of OID syntax to a value whose syntax is an ASN.1 SEQUENCE with a mandatory first component of the ASN.1 OBJECT IDENTIFIER type.

The rule evaluates to TRUE if and only if the assertion value matches the first component of the attribute value according to the [objectIdentifierMatch](#) matching rule.

<i>Names</i>	objectIdentifierFirstComponentMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.30
<i>Syntax</i>	OID

objectIdentifierMatch

Compares an assertion value of OID syntax to a value whose syntax is the ASN.1 OBJECT IDENTIFIER type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value represent the same object identifier value, that is, the same sequence of integers.

<i>Names</i>	objectIdentifierMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.0
<i>Syntax</i>	OID

octetStringMatch

Compares an assertion value of Octet String syntax to a value whose syntax is the ASN.1 OCTET STRING type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value are of the same length, and corresponding octets are the same.

<i>Names</i>	octetStringMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.17
<i>Syntax</i>	Octet String

octetStringOrderingMatch

Compares an assertion value of Octet String syntax to a value whose syntax is the ASN.1 OCTET STRING type.

The rule evaluates to TRUE if and only if the assertion value is less than the attribute value according to the collation order. Octets are compared from the first octet to the last octet, and within octets from the most significant bit to the least significant bit.

<i>Names</i>	octetStringOrderingMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.18
<i>Syntax</i>	Octet String

octetStringSubstringsMatch

<i>Names</i>	octetStringSubstringsMatch
<i>Origin</i>	X.500
<i>OID</i>	2.5.13.19
<i>Syntax</i>	Octet String

partialDateAndTimeMatchingRule

<i>Names</i>	partialDateAndTimeMatchingRule
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<i>Origin</i>	OpenDS Directory Server
<i>Description</i>	partial date and time matching
<i>OID</i>	1.3.6.1.4.1.26027.1.4.7
<i>Syntax</i>	Generalized Time

presentationAddressMatch

This rule behaves exactly like the `caseIgnoreMatch` rule.

<i>Names</i>	presentationAddressMatch
<i>Origin</i>	RFC 2252
<i>OID</i>	2.5.13.22
<i>Syntax</i>	Presentation Address

protocolInformationMatch

This rule behaves exactly like the `caseIgnoreMatch` rule.

<i>Names</i>	protocolInformationMatch
<i>Origin</i>	RFC 2252
<i>OID</i>	2.5.13.24
<i>Syntax</i>	Protocol Information

relativeTimeGTOrderingMatch

<i>Names</i>	relativeTimeGTOrderingMatch, relativeTimeOrderingMatch.gt
<i>Origin</i>	OpenDS Directory Server
<i>Description</i>	greater-than relative time for time-based searches
<i>OID</i>	1.3.6.1.4.1.26027.1.4.5
<i>Syntax</i>	Generalized Time

relativeTimeLTOrderingMatch

<i>Names</i>	relativeTimeLTOrderingMatch, relativeTimeOrderingMatch.lt
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<i>Origin</i>	OpenDS Directory Server
<i>Description</i>	less-than relative time for time-based searches
<i>OID</i>	1.3.6.1.4.1.26027.1.4.6
<i>Syntax</i>	Generalized Time

telephoneNumberMatch

Compares an assertion value of Telephone Number syntax to a value whose syntax is an ASN.1 PrintableString representing a telephone number.

The rule evaluates to TRUE if and only if the assertion value and the attribute value are of the same length, and corresponding octets are the same. For the comparison, characters are case folded, and only telephoneNumber insignificant white space handling is applied.

<i>Names</i>	telephoneNumberMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.20
<i>Syntax</i>	Telephone Number

telephoneNumberSubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is an ASN.1 PrintableString representing a telephone number.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are case folded, and only telephoneNumber insignificant white space handling is applied.

<i>Names</i>	telephoneNumberSubstringsMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.21
<i>Syntax</i>	Substring Assertion

uniqueMemberMatch

Compares an assertion value of Name And Optional UID syntax to a value whose syntax is an ASN.1 NameAndOptionalUID type.

The rule evaluates to TRUE if and only if The distinguished name components of the assertion value and the attribute value match according to the `distinguishedNameMatch` rule, and either of the following are true:

- The bit string component is absent from both values.
- The bit string components are present in both values, and they match according to the `bitStringMatch` rule.

<i>Names</i>	uniqueMemberMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.23
<i>Syntax</i>	Name and Optional UID

uuidMatch

Compares an asserted UUID with a stored UUID for equality.

This rule uses the same semantics as `octetStringMatch`, except the assertion value is encoded using the UUID string representation, rather than the normal OCTET STRING string representation.

<i>Names</i>	uuidMatch
<i>Origin</i>	RFC 4530
<i>OID</i>	1.3.6.1.1.16.2
<i>Syntax</i>	UUID

uuidOrderingMatch

Compares an asserted UUID with a stored UUID for ordering.

This rule uses the same semantics as `octetStringOrderingMatch`, except the assertion value is encoded using the UUID string representation, rather than the normal OCTET STRING string representation.

UUIDs do not necessarily have a natural ordering. Servers are not required to assign UUIDs in any particular order.

<i>Names</i>	uuidOrderingMatch
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<i>Origin</i>	RFC 4530
<i>OID</i>	1.3.6.1.1.16.3
<i>Syntax</i>	UUID

wordMatch

Compares an assertion value of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value character string matches a word in the attribute value, according to the semantics of the [caseIgnoreMatch](#) rule.

In this implementation, a word match occurs if the assertion value is contained within the attribute value, and the assertion value is bounded by the start or the end of the attribute value or any of the following characters:

- A space
- A period
- A comma
- A slash
- A dollar sign
- A plus sign
- A dash
- An underscore
- An octothorpe (#)
- An equal sign

<i>Names</i>	wordMatch
<i>Origin</i>	RFC 4517
<i>OID</i>	2.5.13.32
<i>Syntax</i>	Directory String

Chapter 6

Name Forms

This chapter covers schema definitions for name forms:

- "uddiAddressNameForm"
- "uddiBindingTemplateNameForm"
- "uddiBusinessEntityNameForm"
- "uddiBusinessServiceNameForm"
- "uddiContactNameForm"
- "uddiPublisherAssertionNameForm"
- "uddiTModelInstanceInfoNameForm"
- "uddiTModelNameForm"
- "uddiv3EntityObituaryNameForm"
- "uddiv3SubscriptionNameForm"

uddiAddressNameForm

This name form defines the naming attribute for an address.

<i>Names</i>	uddiAddressNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiAddress
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.3
<i>Required Attributes</i>	uddiUUID

uddiBindingTemplateNameForm

This name form defines the naming attribute for a binding template.

<i>Names</i>	uddiBindingTemplateNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiBindingTemplate
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.5
<i>Required Attributes</i>	uddiBindingKey

uddiBusinessEntityNameForm

This name form defines the naming attribute for a business entity.

<i>Names</i>	uddiBusinessEntityNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiBusinessEntity
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.1
<i>Required Attributes</i>	uddiBusinessKey

uddiBusinessServiceNameForm

This name form defines the naming attribute for a business service.

<i>Names</i>	uddiBusinessServiceNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiBusinessService
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.4
<i>Required Attributes</i>	uddiServiceKey

uddiContactNameForm

This name form defines the naming attribute for a contact.

<i>Names</i>	uddiContactNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiContact

<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.2
<i>Required Attributes</i>	uddiUUID

uddiPublisherAssertionNameForm

This name form defines the naming attribute for a publisher assertion.

<i>Names</i>	uddiPublisherAssertionNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiPublisherAssertion
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.8
<i>Required Attributes</i>	uddiUUID

uddiTModelInstanceInfoNameForm

This name form defines the naming attribute for a template model instance information object.

<i>Names</i>	uddiTModelInstanceInfoNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiTModelInstanceInfo
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.6
<i>Required Attributes</i>	uddiTModelKey

uddiTModelNameForm

This name form defines the naming attribute for a name form.

<i>Names</i>	uddiTModelNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiTModel
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.7
<i>Required Attributes</i>	uddiTModelKey

uddiv3EntityObituaryNameForm

This name form defines the naming attribute for an entry obituary.

<i>Names</i>	uddiv3EntityObituaryNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiv3EntityObituary
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.10
<i>Required Attributes</i>	uddiUUID

uddiv3SubscriptionNameForm

This name form defines the naming attribute for a subscription.

<i>Names</i>	uddiv3SubscriptionNameForm
<i>Origin</i>	RFC 4403
<i>Structural Object Class</i>	uddiv3Subscription
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.15.9
<i>Required Attributes</i>	uddiUUID

Chapter 7

Object Classes

This chapter covers schema definitions for object classes:

- "account"
- "alias"
- "applicationEntity"
- "applicationProcess"
- "authPasswordObject"
- "automount"
- "automountMap"
- "bootableDevice"
- "calEntry"
- "certificationAuthority-V2"
- "certificationAuthority"
- "changeLogEntry"
- "collectiveAttributeSubentry"
- "container"
- "corbaContainer"
- "corbaObject"
- "corbaObjectReference"
- "country"
- "cRLDistributionPoint"
- "dcObject"

- "deltaCRL"
- "device"
- "devicePrintProfilesContainer"
- "deviceProfilesContainer"
- "dmd"
- "dNSDomain"
- "document"
- "documentSeries"
- "domain"
- "domainRelatedObject"
- "ds-certificate-user"
- "ds-monitor-backend-db"
- "ds-monitor-backend-pluggable"
- "ds-monitor-backend-proxy"
- "ds-monitor-backend"
- "ds-monitor-base-dn"
- "ds-monitor-branch"
- "ds-monitor-certificate"
- "ds-monitor-changelog-domain"
- "ds-monitor-changelog"
- "ds-monitor-connected-changelog"
- "ds-monitor-connected-replica"
- "ds-monitor-connection-handler"
- "ds-monitor-disk-space"
- "ds-monitor-entry-cache"

- "ds-monitor-health-status"
- "ds-monitor-http-connection-handler"
- "ds-monitor-je-database"
- "ds-monitor-jvm"
- "ds-monitor-ldap-connection-handler"
- "ds-monitor-raw-je-database-statistics"
- "ds-monitor-remote-replica"
- "ds-monitor-replica-db"
- "ds-monitor-replica"
- "ds-monitor-server"
- "ds-monitor-topology-server"
- "ds-monitor-work-queue"
- "ds-monitor"
- "ds-pwp-attribute-value-validator"
- "ds-pwp-character-set-validator"
- "ds-pwp-dictionary-validator"
- "ds-pwp-length-based-validator"
- "ds-pwp-password-policy"
- "ds-pwp-random-generator"
- "ds-pwp-repeated-characters-validator"
- "ds-pwp-similarity-based-validator"
- "ds-pwp-unique-characters-validator"
- "ds-pwp-validator"
- "ds-root-dse"
- "ds-virtual-static-group"

- "dSA"
- "DUAConfigProfile"
- "extensibleObject"
- "forgerock-am-dashboard-service"
- "fr-idm-cluster-obj"
- "fr-idm-generic-obj"
- "fr-idm-hybrid-obj"
- "fr-idm-internal-role"
- "fr-idm-internal-user"
- "fr-idm-link"
- "fr-idm-lock"
- "fr-idm-managed-assignment"
- "fr-idm-managed-role"
- "fr-idm-managed-user-explicit"
- "fr-idm-managed-user-hybrid-obj"
- "fr-idm-managed-user"
- "fr-idm-notification"
- "fr-idm-recon-clusteredTargetIds"
- "fr-idm-reconassoc"
- "fr-idm-reconassocentry"
- "fr-idm-relationship"
- "fr-idm-syncqueue"
- "frCoreToken"
- "friendlyCountry"
- "glue"
- "groupOfEntries"

- "groupOfNames"
- "groupOfUniqueNames"
- "groupOfURLs"
- "ieee802Device"
- "inetOrgPerson"
- "inetuser"
- "inheritableLDAPSubEntry"
- "inheritedCollectiveAttributeSubentry"
- "inheritedFromDNCollectiveAttributeSubentry"
- "inheritedFromRDNCollectiveAttributeSubentry"
- "ipHost"
- "iplanet-am-auth-configuration-service"
- "iplanet-am-managed-person"
- "iplanet-am-session-service"
- "iplanet-am-user-service"
- "iPlanetPreferences"
- "ipNetwork"
- "ipProtocol"
- "ipService"
- "ipTnetHost"
- "ipTnetTemplate"
- "javaContainer"
- "javaMarshaledObject"
- "javaNamingReference"
- "javaObject"
- "javaSerializedObject"

- "kbaInfoContainer"
- "labeledURIObject"
- "ldapSubEntry"
- "locality"
- "mailGroup"
- "namedObject"
- "nisDomainObject"
- "nisKeyObject"
- "nisMailAlias"
- "nisMap"
- "nisNetgroup"
- "nisNetId"
- "nisObject"
- "nisplusTimeZoneData"
- "oathDeviceProfilesContainer"
- "oncRpc"
- "organization"
- "organizationalPerson"
- "organizationalRole"
- "organizationalUnit"
- "person"
- "pilotDSA"
- "pilotObject"
- "pilotOrganization"
- "pilotPerson"
- "pkiCA"

- "pkiUser"
- "posixAccount"
- "posixGroup"
- "printerAbstract"
- "printerIPP"
- "printerLPR"
- "printerService"
- "printerServiceAuxClass"
- "pushDeviceProfilesContainer"
- "pwdPolicy"
- "pwdValidatorPolicy"
- "qualityLabelledData"
- "referral"
- "residentialPerson"
- "rFC822LocalPart"
- "room"
- "sambaConfig"
- "sambaConfigOption"
- "sambaDomain"
- "sambaGroupMapping"
- "sambaIdmapEntry"
- "sambaPrivilege"
- "sambaSamAccount"
- "sambaShare"
- "sambaSidEntry"
- "sambaTrustPassword"

- "sambaUnixIdPool"
- "shadowAccount"
- "simpleSecurityObject"
- "slpService"
- "slpServicePrinter"
- "SolarisAuditUser"
- "SolarisAuthAttr"
- "SolarisExecAttr"
- "SolarisNamingProfile"
- "SolarisProfAttr"
- "SolarisProject"
- "SolarisUserAttr"
- "strongAuthenticationUser"
- "subentry"
- "subschema"
- "sunAMAuthAccountLockout"
- "sunFMSAML2NameIdentifier"
- "sunPrinter"
- "sunRealmService"
- "sunservice"
- "sunservicecomponent"
- "top"
- "uddiAddress"
- "uddiBindingTemplate"
- "uddiBusinessEntity"
- "uddiBusinessService"

- "uddiContact"
- "uddiPublisherAssertion"
- "uddiTModel"
- "uddiTModelInstanceInfo"
- "uddiv3EntityObituary"
- "uddiv3Subscription"
- "uidObject"
- "untypedObject"
- "userSecurityInformation"
- "webauthnDeviceProfilesContainer"

account

Entries of this object class represent computer accounts.

Use `uid` as the naming attribute.

<i>Names</i>	account
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, host, l, o, ou, seeAlso
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uid

alias

Entry pointing to another entry, using an `aliasedObjectName` attribute value.

An alias name is an alternative name for an entry. Alias objects are leaf entries (no subordinates).

ForgeRock servers do not support alias dereferencing.

<i>Names</i>	alias
<i>Origin</i>	RFC 4512
<i>Superior Classes</i>	top
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	aliasedObjectName, objectClass

applicationEntity

Represents an OSI application.

<i>Names</i>	applicationEntity
<i>Origin</i>	RFC 2256
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, l, o, ou, seeAlso, supportedApplicationContext
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.12
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, presentationAddress

applicationProcess

Represents an application executing in a computer system.

<i>Names</i>	applicationProcess
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, l, ou, seeAlso
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.11
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

authPasswordObject

Entries of this class optionally contain `authPassword` attributes.

<i>Names</i>	authPasswordObject
<i>Origin</i>	RFC 3112
<i>Description</i>	authentication password mix in class
<i>Optional Attributes</i>	authPassword
<i>Schema File</i>	03-rfc3112.ldif
<i>OID</i>	1.3.6.1.4.1.4203.1.4.7
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

automount

<i>Names</i>	automount
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Automount information
<i>Optional Attributes</i>	description
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.17
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	automountInformation, automountKey, objectClass

automountMap

<i>Names</i>	automountMap
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.16
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	automountMapName, objectClass
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bootableDevice

<i>Names</i>	bootableDevice
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	A device with boot parameters; device SHOULD be used as a structural class
<i>Optional Attributes</i>	bootFile, bootParameter
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.12
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

calEntry

Entry specifying locations for a calendaring and scheduling client to access a user's calendar and send event requests to the user.

<i>Names</i>	calEntry
<i>Origin</i>	RFC 2739
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	calCAPURI, calCalAdrURI, calCalURI, calFBURL, calOtherCAPURIs, calOtherCalAdrURIs, calOtherCalURIs, calOtherFBURLs
<i>Schema File</i>	03-rfc2739.ldif
<i>OID</i>	1.2.840.113556.1.5.87
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

certificationAuthority-V2

Object class for augmenting entries that act as certificate authorities, as described in X.521 clause 6.18.

This object class is deprecated. Use `pkiCA` instead.

<i>Names</i>	certificationAuthority-V2
<i>Origin</i>	RFC 4523
<i>Superior Classes</i>	certificationAuthority
<i>Optional Attributes</i>	crossCertificatePair, deltaRevocationList
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.16.2
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	authorityRevocationList, cACertificate, certificateRevocationList, objectClass

certificationAuthority

Object class for augmenting entries that act as certificate authorities, as described in X.521 clause 6.17.

This object class is deprecated. Use [pkICA](#) instead.

<i>Names</i>	certificationAuthority
<i>Origin</i>	RFC 4523
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	crossCertificatePair
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.16
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	authorityRevocationList, cACertificate, certificateRevocationList, objectClass

changeLogEntry

Entries of this object class represent changes made to a directory server. The set of changes made to a directory server is given by the set of all entries in the changelog, ordered by [changeNumber](#).

Note The [changeNumber](#) is unique to a server, and not necessarily shared or synchronized across servers. The change numbers for ForgeRock servers can be synchronized using the `dsrepl reset-change-number` command. ForgeRock servers also provide an alternative [changeLogCookie](#) attribute, which can be used reliably across a replicated topology.

A client application may synchronize its local copy of directory data by reading the server's changelog for entries where the [changeNumber](#) is greater than or equal to the last change that the client read from

the server. A server can, however, trim its changelog. If the last change read from the changelog is not returned in search results, the client application must fall back to rebuilding its entire copy of directory data.

<i>Names</i>	changeLogEntry
<i>Origin</i>	draft-good-ldap-changelog
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	changes, deleteOldRDN, newRDN, newSuperior
<i>Schema File</i>	03-changelog.ldif
<i>OID</i>	2.16.840.1.113730.3.2.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	changeNumber, changeTime, changeType, objectClass, targetDN

collectiveAttributeSubentry

Subentry for allocating collective attributes, which are attributes that apply to a group of entries.

<i>Names</i>	collectiveAttributeSubentry
<i>Origin</i>	RFC 3671
<i>Description</i>	LDAP Collective Attributes Subentry class
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.17.2
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

container

Microsoft Active Directory object class for an entry used to contain other classes.

<i>Names</i>	container
<i>Origin</i>	Microsoft Active Directory
<i>Superior Classes</i>	top
<i>Schema File</i>	03-changelog.ldif
<i>OID</i>	1.2.840.113556.1.3.23
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	cn, objectClass
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corbaContainer

Entry that contains a CORBA object.

<i>Names</i>	corbaContainer
<i>Origin</i>	RFC 2714
<i>Superior Classes</i>	top
<i>Description</i>	Container for a CORBA object
<i>Schema File</i>	03-rfc2714.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.10
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

corbaObject

Abstract parent for entries that represent CORBA objects.

<i>Names</i>	corbaObject
<i>Origin</i>	RFC 2714
<i>Superior Classes</i>	top
<i>Description</i>	CORBA object representation
<i>Optional Attributes</i>	corbaRepositoryId, description
<i>Schema File</i>	03-rfc2714.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.9
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass

corbaObjectReference

Entry that represents a reference to a CORBA object.

<i>Names</i>	corbaObjectReference
<i>Origin</i>	RFC 2714

<i>Superior Classes</i>	corbaObject
<i>Description</i>	CORBA interoperable object reference
<i>Optional Attributes</i>	corbaRepositoryId, description
<i>Schema File</i>	03-rfc2714.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.11
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	corbaIor, objectClass

country

Represents a country.

<i>Names</i>	country
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, searchGuide
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.2
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	c, objectClass

cRLDistributionPoint

Object class for augmenting entries that act as certificate revocation list distribution points, as described in X.509 clause 11.1.3.

<i>Names</i>	cRLDistributionPoint
<i>Origin</i>	RFC 4523
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	authorityRevocationList, certificateRevocationList, deltaRevocationList
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.19
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	cn, objectClass
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dcObject

Permits an entry to hold domain component information.

<i>Names</i>	dcObject
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.1466.344
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	dc, objectClass

deltaCRL

Object class for augmenting entries that hold delta revocation lists, as described in X.509 clause 11.1.4.

<i>Names</i>	deltaCRL
<i>Origin</i>	RFC 4523
<i>Superior Classes</i>	top
<i>Description</i>	X.509 delta CRL
<i>Optional Attributes</i>	deltaRevocationList
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.23
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

device

Represents an appliance, computer, or network element.

<i>Names</i>	device
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<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, l, o, ou, owner, seeAlso, serialNumber
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.14
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

devicePrintProfilesContainer

<i>Names</i>	devicePrintProfilesContainer
<i>Origin</i>	OpenAM
<i>Superior Classes</i>	top
<i>Description</i>	Class containing device print profiles
<i>Optional Attributes</i>	devicePrintProfiles
<i>Schema File</i>	60-identity-store-ds-deviceprint.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.4
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

deviceProfilesContainer

<i>Names</i>	deviceProfilesContainer
<i>Origin</i>	OpenAM
<i>Superior Classes</i>	top
<i>Description</i>	Class containing device profiles
<i>Optional Attributes</i>	deviceProfiles
<i>Schema File</i>	60-identity-store-ds-deviceprofiles.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.13
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

<i>Required Attributes</i>	objectClass
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dmd

Represents a Directory Management Domain, which is the administrative authority for this directory server.

<i>Names</i>	dmd
<i>Origin</i>	RFC 2256
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.20
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dmdName, objectClass

dNSDomain

Entries of this object class represent DNS domains.

<i>Names</i>	dNSDomain
<i>Origin</i>	RFC 1274
<i>Superior Classes</i>	domain
<i>Optional Attributes</i>	aRecord, associatedName, businessCategory, cNAMERecord, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, mDRecord, mxRecord, nSRecord, o, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, sOARecord, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.15
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dc, objectClass

document

Entries of this object class represent documents.

<i>Names</i>	document
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	cn, description, documentAuthor, documentLocation, documentPublisher, documentTitle, documentVersion, l, o, ou, seeAlso
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.6
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	documentIdentifier, objectClass

documentSeries

Entries of this object class represent a series of documents.

<i>Names</i>	documentSeries
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, l, o, ou, seeAlso, telephoneNumber
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.9
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

domain

Entries of this object class represent DNS domains for entries that do not represent organizations or organizational units. For organizations or organizational units, see [domainRelatedObject](#).

Use **dc** as the naming attribute.

<i>Names</i>	domain
<i>Origin</i>	RFC 4524

<i>Superior Classes</i>	top
<i>Optional Attributes</i>	associatedName, businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, o, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.13
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dc, objectClass

domainRelatedObject

Entries of this object class represent DNS domains that are equivalent to an X.500 domain, in other words an organization or organizational unit.

<i>Names</i>	domainRelatedObject
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	top
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.17
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	associatedDomain, objectClass

ds-certificate-user

Object class for a user or application entry with a digital certificate.

<i>Names</i>	ds-certificate-user
<i>Origin</i>	OpenDS Directory Server
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	ds-certificate-fingerprint, ds-certificate-issuer-dn, ds-certificate-subject-dn, userCertificate
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.26027.1.2.82

<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ds-monitor-backend-db

<i>Names</i>	ds-monitor-backend-db
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor-backend-pluggable
<i>Description</i>	Database backend metrics
<i>Optional Attributes</i>	ds-mon-backend-degraded-index, ds-mon-backend-entry-count, ds-mon-backend-filter-use
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.96
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-degraded-index-count, ds-mon-backend-filter-use-indexed, ds-mon-backend-filter-use-start-time, ds-mon-backend-filter-use-unindexed, ds-mon-backend-is-private, ds-mon-backend-ttl-entries-deleted, ds-mon-backend-ttl-is-running, ds-mon-backend-ttl-last-run-time, ds-mon-backend-ttl-queue-size, ds-mon-backend-ttl-thread-count, ds-mon-backend-writability-mode, ds-mon-db-cache-evict-internal-nodes-count, ds-mon-db-cache-evict-leaf-nodes-count, ds-mon-db-cache-leaf-nodes, ds-mon-db-cache-misses-internal-nodes, ds-mon-db-cache-misses-leaf-nodes, ds-mon-db-cache-size-active, ds-mon-db-cache-size-total, ds-mon-db-cache-total-tries-internal-nodes, ds-mon-db-cache-total-tries-leaf-nodes, ds-mon-db-checkpoint-count, ds-mon-db-log-cleaner-file-deletion-count, ds-mon-db-log-files-open, ds-mon-db-log-files-opened, ds-mon-db-log-size-active, ds-mon-db-log-size-total, ds-mon-db-log-utilization-max, ds-mon-db-log-utilization-min, ds-mon-db-version, objectClass, ds-cfg-backend-id

ds-monitor-backend-pluggable

<i>Names</i>	ds-monitor-backend-pluggable
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor-backend
<i>Description</i>	Pluggable backend metrics
<i>Optional Attributes</i>	ds-mon-backend-degraded-index, ds-mon-backend-entry-count, ds-mon-backend-filter-use
<i>Schema File</i>	02-config.ldif

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.75
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-degraded-index-count, ds-mon-backend-filter-use-indexed, ds-mon-backend-filter-use-start-time, ds-mon-backend-filter-use-unindexed, ds-mon-backend-is-private, ds-mon-backend-ttl-entries-deleted, ds-mon-backend-ttl-is-running, ds-mon-backend-ttl-last-run-time, ds-mon-backend-ttl-queue-size, ds-mon-backend-ttl-thread-count, ds-mon-backend-writability-mode, objectClass, ds-cfg-backend-id

ds-monitor-backend-proxy

<i>Names</i>	ds-monitor-backend-proxy
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor-backend
<i>Description</i>	Proxy backend metrics
<i>Optional Attributes</i>	ds-mon-backend-entry-count
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.93
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-is-private, ds-mon-backend-proxy-base-dn, ds-mon-backend-proxy-shard, ds-mon-backend-writability-mode, objectClass, ds-cfg-backend-id

ds-monitor-backend

<i>Names</i>	ds-monitor-backend
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Backend metrics
<i>Optional Attributes</i>	ds-mon-backend-entry-count
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.74
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-is-private, ds-mon-backend-writability-mode, objectClass, ds-cfg-backend-id

ds-monitor-base-dn

<i>Names</i>	ds-monitor-base-dn
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor-backend
<i>Description</i>	Metrics for base DN handled in a backend
<i>Optional Attributes</i>	ds-mon-backend-entry-count
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.94
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-is-private, ds-mon-backend-writability-mode, ds-mon-base-dn, ds-mon-base-dn-entry-count, objectClass, ds-cfg-backend-id

ds-monitor-branch

<i>Names</i>	ds-monitor-branch
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	top
<i>Description</i>	Glue entry with no metrics of its own
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.69
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

ds-monitor-certificate

<i>Names</i>	ds-monitor-certificate
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Key manager certificate metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.73
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	ds-mon-alias, ds-mon-certificate-expires-at, ds-mon-certificate-issuer-dn, ds-mon-certificate-serial-number, ds-mon-certificate-subject-dn, objectClass
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ds-monitor-changelog-domain

<i>Names</i>	ds-monitor-changelog-domain
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Replication server changelog domain metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.89
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-domain-generation-id, ds-mon-domain-name, objectClass

ds-monitor-changelog

<i>Names</i>	ds-monitor-changelog
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Replication server metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.88
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-newest-change-number, ds-mon-oldest-change-number, ds-mon-server-id, objectClass

ds-monitor-connected-changelog

<i>Names</i>	ds-monitor-connected-changelog
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Metrics for a remote replication server connected to this replication server

<i>Optional Attributes</i>	ds-mon-server-state
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.87
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-changelog-hostport, ds-mon-changelog-id, ds-mon-connected-to-server-hostport, ds-mon-current-receive-window, ds-mon-domain-generation-id, ds-mon-ssl-encryption, objectClass

ds-monitor-connected-replica

<i>Names</i>	ds-monitor-connected-replica
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Metrics for a remote replica connected to this server
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.84
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-admin-hostport, ds-mon-connected-to-server-hostport, ds-mon-current-receive-window, ds-mon-domain-generation-id, ds-mon-server-id, ds-mon-ssl-encryption, objectClass

ds-monitor-connection-handler

<i>Names</i>	ds-monitor-connection-handler
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Connection handler metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.70
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-active-connections-count, ds-mon-bytes-read, ds-mon-bytes-written, ds-mon-config-dn, ds-mon-listen-address, ds-mon-protocol, ds-mon-requests-failure-client-invalid-request, ds-mon-requests-failure-client-security, ds-mon-requests-failure-server, ds-mon-requests-failure-uncategorized, objectClass

ds-monitor-disk-space

<i>Names</i>	ds-monitor-disk-space
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Monitored disks metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.78
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-disk-dir, ds-mon-disk-free, ds-mon-disk-full-threshold, ds-mon-disk-low-threshold, ds-mon-disk-root, ds-mon-disk-state, objectClass

ds-monitor-entry-cache

<i>Names</i>	ds-monitor-entry-cache
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Entry cache metrics
<i>Optional Attributes</i>	ds-mon-cache-max-entry-count, ds-mon-cache-max-size-bytes
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.79
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-cache-entry-count, ds-mon-cache-misses, ds-mon-cache-total-tries, objectClass

ds-monitor-health-status

<i>Names</i>	ds-monitor-health-status
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	The server health status
<i>Optional Attributes</i>	ds-mon-alive-errors, ds-mon-healthy-errors
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.99

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-alive, ds-mon-healthy, objectClass

ds-monitor-http-connection-handler

<i>Names</i>	ds-monitor-http-connection-handler
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor-connection-handler
<i>Description</i>	HTTP connection handler metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.72
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-active-connections-count, ds-mon-bytes-read, ds-mon-bytes-written, ds-mon-config-dn, ds-mon-listen-address, ds-mon-protocol, ds-mon-requests-delete, ds-mon-requests-failure-client-invalid-request, ds-mon-requests-failure-client-redirect, ds-mon-requests-failure-client-security, ds-mon-requests-failure-server, ds-mon-requests-failure-uncategorized, ds-mon-requests-get, ds-mon-requests-patch, ds-mon-requests-post, ds-mon-requests-put, ds-mon-requests-uncategorized, objectClass

ds-monitor-je-database

<i>Names</i>	ds-monitor-je-database
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	JE database metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.77
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

ds-monitor-jvm

<i>Names</i>	ds-monitor-jvm
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<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	JVM metrics
<i>Optional Attributes</i>	ds-mon-jvm-threads-deadlocks
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.81
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-jvm-architecture, ds-mon-jvm-arguments, ds-mon-jvm-available-cpus, ds-mon-jvm-class-path, ds-mon-jvm-classes-loaded, ds-mon-jvm-classes-unloaded, ds-mon-jvm-java-home, ds-mon-jvm-java-vendor, ds-mon-jvm-java-version, ds-mon-jvm-memory-heap-init, ds-mon-jvm-memory-heap-max, ds-mon-jvm-memory-heap-reserved, ds-mon-jvm-memory-heap-used, ds-mon-jvm-memory-init, ds-mon-jvm-memory-max, ds-mon-jvm-memory-non-heap-init, ds-mon-jvm-memory-non-heap-max, ds-mon-jvm-memory-non-heap-reserved, ds-mon-jvm-memory-non-heap-used, ds-mon-jvm-memory-reserved, ds-mon-jvm-memory-used, ds-mon-jvm-supported-tls-ciphers, ds-mon-jvm-supported-tls-protocols, ds-mon-jvm-threads-blocked-count, ds-mon-jvm-threads-count, ds-mon-jvm-threads-daemon-count, ds-mon-jvm-threads-deadlock-count, ds-mon-jvm-threads-new-count, ds-mon-jvm-threads-runnable-count, ds-mon-jvm-threads-terminated-count, ds-mon-jvm-threads-timed-waiting-count, ds-mon-jvm-threads-waiting-count, ds-mon-jvm-vendor, ds-mon-jvm-version, objectClass

ds-monitor-ldap-connection-handler

<i>Names</i>	ds-monitor-ldap-connection-handler
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor-connection-handler
<i>Description</i>	LDAP connection handler metrics
<i>Optional Attributes</i>	ds-mon-connection
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.71
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-abandoned-requests, ds-mon-active-connections-count, ds-mon-active-persistent-searches, ds-mon-bytes-read, ds-mon-bytes-written, ds-mon-config-dn, ds-mon-connections, ds-mon-listen-address, ds-mon-protocol, ds-mon-requests-abandon, ds-mon-requests-add, ds-mon-requests-bind, ds-mon-requests-compare, ds-mon-requests-delete, ds-mon-requests-extended, ds-mon-requests-failure-client-invalid-request, ds-mon-requests-failure-client-referral, ds-mon-requests-failure-client-resource-limit, ds-mon-requests-failure-client-security, ds-mon-requests-failure-server, ds-mon-requests-failure-uncategorized, ds-mon-requests-modify, ds-

mon-requests-modify-dn, ds-mon-requests-search-base, ds-mon-requests-search-one, ds-mon-requests-search-sub, ds-mon-requests-unbind, ds-mon-requests-uncategorized, objectClass

ds-monitor-raw-je-database-statistics

<i>Names</i>	ds-monitor-raw-je-database-statistics
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Raw metrics exposed by a JE database
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.95
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

ds-monitor-remote-replica

<i>Names</i>	ds-monitor-remote-replica
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Remote replica metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.90
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-domain-name, ds-mon-receive-delay, ds-mon-replay-delay, ds-mon-replayed-updates, ds-mon-server-id, objectClass

ds-monitor-replica-db

<i>Names</i>	ds-monitor-replica-db
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Replica database metrics

<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.85
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-newest-csn, ds-mon-newest-csn-timestamp, ds-mon-oldest-csn, ds-mon-oldest-csn-timestamp, ds-mon-server-id, objectClass

ds-monitor-replica

<i>Names</i>	ds-monitor-replica
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Local replica metrics
<i>Optional Attributes</i>	ds-mon-total-update, ds-mon-total-update-entry-count, ds-mon-total-update-entry-left
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.91
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-connected-to-server-hostport, ds-mon-connected-to-server-id, ds-mon-current-receive-window, ds-mon-domain-generation-id, ds-mon-domain-name, ds-mon-entries-awaiting-updates-count, ds-mon-lost-connections, ds-mon-receive-delay, ds-mon-replay-delay, ds-mon-replayed-updates, ds-mon-replayed-updates-conflicts-resolved, ds-mon-replayed-updates-conflicts-unresolved, ds-mon-sent-updates, ds-mon-server-id, ds-mon-ssl-encryption, ds-mon-status, ds-mon-status-last-changed, ds-mon-updates-inbound-queue, ds-mon-updates-outbound-queue, ds-mon-updates-totals-per-replay-thread, objectClass

ds-monitor-server

<i>Names</i>	ds-monitor-server
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Directory Server version information and other global metrics
<i>Optional Attributes</i>	ds-mon-build-number, ds-mon-fix-ids, ds-mon-version-qualifier
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.76

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-build-time, ds-mon-compact-version, ds-mon-current-connections, ds-mon-current-time, ds-mon-full-version, ds-mon-install-path, ds-mon-instance-path, ds-mon-major-version, ds-mon-max-connections, ds-mon-minor-version, ds-mon-os-architecture, ds-mon-os-name, ds-mon-os-version, ds-mon-point-version, ds-mon-product-name, ds-mon-revision, ds-mon-short-name, ds-mon-start-time, ds-mon-system-name, ds-mon-total-connections, ds-mon-vendor-name, ds-mon-working-directory, objectClass

ds-monitor-topology-server

<i>Names</i>	ds-monitor-topology-server
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	A server in the topology
<i>Optional Attributes</i>	ds-mon-admin-hostport, ds-mon-changelog-hostport, ds-mon-changelog-purge-delay, ds-mon-ldap-hostport, ds-mon-ldap-starttls-hostport, ds-mon-ldaps-hostport, ds-mon-replication-domain
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.103
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-group-id, ds-mon-last-seen, ds-mon-process-id, ds-mon-replication-protocol-version, ds-mon-server-id, ds-mon-server-is-local, objectClass

ds-monitor-work-queue

<i>Names</i>	ds-monitor-work-queue
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	ds-monitor
<i>Description</i>	Work queue metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.83
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-requests-in-queue, ds-mon-requests-rejected-queue-full, ds-mon-requests-submitted, objectClass

ds-monitor

<i>Names</i>	ds-monitor
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	top
<i>Description</i>	Base object class for Directory Server metrics
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.68
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass

ds-pwp-attribute-value-validator

<i>Names</i>	ds-pwp-attribute-value-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	ds-pwp-validator
<i>Optional Attributes</i>	ds-pwp-attribute-value-check-substrings, ds-pwp-attribute-value-match-attribute, ds-pwp-attribute-value-min-substring-length, ds-pwp-attribute-value-test-reversed-password
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.118
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ds-pwp-character-set-validator

<i>Names</i>	ds-pwp-character-set-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	ds-pwp-validator
<i>Optional Attributes</i>	ds-pwp-character-set-allow-unclassified-characters, ds-pwp-character-set-character-set, ds-pwp-character-set-character-set-ranges, ds-pwp-character-set-min-character-sets
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.119

<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ds-pwp-dictionary-validator

<i>Names</i>	ds-pwp-dictionary-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	ds-pwp-validator
<i>Optional Attributes</i>	ds-pwp-dictionary-case-sensitive-validation, ds-pwp-dictionary-check-substrings, ds-pwp-dictionary-min-substring-length, ds-pwp-dictionary-test-reversed-password
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.117
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	ds-pwp-dictionary-data, objectClass

ds-pwp-length-based-validator

<i>Names</i>	ds-pwp-length-based-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	ds-pwp-validator
<i>Optional Attributes</i>	ds-pwp-length-based-max-password-length, ds-pwp-length-based-min-password-length
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.112
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ds-pwp-password-policy

<i>Names</i>	ds-pwp-password-policy
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	top

<i>Optional Attributes</i>	cn, ds-pwp-account-status-notification-handler, ds-pwp-allow-expired-password-changes, ds-pwp-allow-multiple-password-values, ds-pwp-allow-pre-encoded-passwords, ds-pwp-allow-user-password-changes, ds-pwp-deprecated-password-storage-scheme, ds-pwp-expire-passwords-without-warning, ds-pwp-force-change-on-add, ds-pwp-force-change-on-reset, ds-pwp-grace-login-count, ds-pwp-idle-lockout-interval, ds-pwp-last-login-time-attribute, ds-pwp-last-login-time-format, ds-pwp-lockout-duration, ds-pwp-lockout-failure-count, ds-pwp-lockout-failure-expiration-interval, ds-pwp-max-password-age, ds-pwp-max-password-reset-age, ds-pwp-min-password-age, ds-pwp-password-change-requires-current-password, ds-pwp-password-expiration-warning-interval, ds-pwp-password-history-count, ds-pwp-password-history-duration, ds-pwp-previous-last-login-time-format, ds-pwp-require-change-by-time, ds-pwp-require-secure-authentication, ds-pwp-require-secure-password-changes, ds-pwp-skip-validation-for-administrators, ds-pwp-state-update-failure-policy
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.110
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	ds-pwp-default-password-storage-scheme, ds-pwp-password-attribute, objectClass

ds-pwp-random-generator

<i>Names</i>	ds-pwp-random-generator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	top
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.113
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	ds-pwp-random-password-character-set, ds-pwp-random-password-format, objectClass

ds-pwp-repeated-characters-validator

<i>Names</i>	ds-pwp-repeated-characters-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	ds-pwp-validator
<i>Optional Attributes</i>	ds-pwp-repeated-characters-case-sensitive-validation, ds-pwp-repeated-characters-max-consecutive-length
<i>Schema File</i>	03-pwpolicyextension.ldif

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.116
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ds-pwp-similarity-based-validator

<i>Names</i>	ds-pwp-similarity-based-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	ds-pwp-validator
<i>Optional Attributes</i>	ds-pwp-similarity-based-min-password-difference
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.114
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ds-pwp-unique-characters-validator

<i>Names</i>	ds-pwp-unique-characters-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	ds-pwp-validator
<i>Optional Attributes</i>	ds-pwp-unique-characters-case-sensitive-validation, ds-pwp-unique-characters-min-unique-characters
<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.115
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ds-pwp-validator

<i>Names</i>	ds-pwp-validator
<i>Origin</i>	ForgeRock Directory Server
<i>Superior Classes</i>	top

<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.111
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass

ds-root-dse

Object class for the server root DSE entry.

<i>Names</i>	ds-root-dse
<i>Origin</i>	OpenDS Directory Server
<i>Superior Classes</i>	top
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.26027.1.2.53
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

ds-virtual-static-group

Object class for an entry allowing a dynamic group to appear as a static group to applications.

<i>Names</i>	ds-virtual-static-group
<i>Origin</i>	OpenDS Directory Server
<i>Superior Classes</i>	top
<i>Schema File</i>	02-config.ldif
<i>OID</i>	1.3.6.1.4.1.26027.1.2.98
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	ds-target-group-dn, objectClass

dSA

Represents a Directory Specific Agent, the part of a directory service that provides user agents access to directory data.

<i>Names</i>	dSA
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<i>Origin</i>	RFC 2256
<i>Superior Classes</i>	applicationEntity
<i>Optional Attributes</i>	description, knowledgeInformation, l, o, ou, seeAlso, supportedApplicationContext
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.13
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, presentationAddress

DUAConfigProfile

<i>Names</i>	DUAConfigProfile
<i>Origin</i>	RFC 4876
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of a base configuration for a DUA
<i>Optional Attributes</i>	attributeMap, authenticationMethod, bindTimeLimit, credentialLevel, defaultSearchBase, defaultSearchScope, defaultServerList, dereferenceAliases, followReferrals, objectclassMap, preferredServerList, profileTTL, searchTimeLimit, serviceAuthenticationMethod, serviceCredentialLevel, serviceSearchDescriptor
<i>Schema File</i>	05-rfc4876.ldif
<i>OID</i>	1.3.6.1.4.1.11.1.3.1.2.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

extensibleObject

Auxiliary object class that allows the entry to hold any user attribute.

Attributes required or precluded by other object classes are still required or precluded when this object class is present.

<i>Names</i>	extensibleObject
<i>Origin</i>	RFC 4512
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	All attributes
<i>Schema File</i>	00-core.ldif

<i>OID</i>	1.3.6.1.4.1.1466.101.120.111
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

forgerock-am-dashboard-service

<i>Names</i>	forgerock-am-dashboard-service
<i>Origin</i>	Forgerock
<i>Optional Attributes</i>	assignedDashboard
<i>Schema File</i>	60-identity-store-ds-dashboard.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.3.1
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

fr-idm-cluster-obj

<i>Names</i>	fr-idm-cluster-obj
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.8
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-cluster-json, objectClass

fr-idm-generic-obj

<i>Names</i>	fr-idm-generic-obj
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.

<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.3
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-json, objectClass

fr-idm-hybrid-obj

<i>Names</i>	fr-idm-hybrid-obj
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-custom-attrs
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.18
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

fr-idm-internal-role

<i>Names</i>	fr-idm-internal-role
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, fr-idm-condition, fr-idm-internal-role-authzmembers-internal-user, fr-idm-internal-role-authzmembers-managed-user, fr-idm-name, fr-idm-privilege, fr-idm-temporal-constraints
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.4
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

fr-idm-internal-user

<i>Names</i>	fr-idm-internal-user
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<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-internal-user-authzroles-internal-role, fr-idm-internal-user-authzroles-managed-role, fr-idm-password
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.2
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

fr-idm-link

<i>Names</i>	fr-idm-link
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-link-firsttid, fr-idm-link-firsttid-constraint, fr-idm-link-qualifier, fr-idm-link-secondid, fr-idm-link-secondid-constraint, fr-idm-link-type, objectClass

fr-idm-lock

<i>Names</i>	fr-idm-lock
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-lock-nodeid
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.13
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

fr-idm-managed-assignment

<i>Names</i>	fr-idm-managed-assignment
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.20
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-managed-assignment-json, objectClass

fr-idm-managed-role

<i>Names</i>	fr-idm-managed-role
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-managed-role-assignments
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.9
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-managed-role-json, objectClass

fr-idm-managed-user-explicit

<i>Names</i>	fr-idm-managed-user-explicit
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Description</i>	Maps an explicit managed user where all data is mapped to individual LDAP attributes
<i>Optional Attributes</i>	co, fr-idm-accountStatus, fr-idm-consentedMapping, fr-idm-effectiveAssignment, fr-idm-effectiveRole, fr-idm-kbaInfo, fr-idm-lastSync, fr-idm-managed-user-authzroles-internal-role, fr-idm-managed-user-authzroles-managed-role, fr-

	idm-managed-user-manager, fr-idm-managed-user-meta, fr-idm-managed-user-notifications, fr-idm-managed-user-roles, fr-idm-password, fr-idm-preferences, fr-idm-role, fr-idm-uuid
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.17
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

fr-idm-managed-user-hybrid-obj

<i>Names</i>	fr-idm-managed-user-hybrid-obj
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-managed-user-custom-attrs
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.19
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

fr-idm-managed-user

<i>Names</i>	fr-idm-managed-user
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Description</i>	Maps a generic managed user where all data is stored in the json LDAP attribute as a json blob, reference attributes are explicitly mapped
<i>Optional Attributes</i>	fr-idm-managed-user-authroles-internal-role, fr-idm-managed-user-authroles-managed-role, fr-idm-managed-user-manager, fr-idm-managed-user-meta, fr-idm-managed-user-notifications, fr-idm-managed-user-roles
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.6

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-managed-user-json, objectClass

fr-idm-notification

<i>Names</i>	fr-idm-notification
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.21
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-notification-json, objectClass

fr-idm-recon-clusteredTargetIds

<i>Names</i>	fr-idm-recon-clusteredTargetIds
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-recon-id, fr-idm-recon-targetIds, objectClass

fr-idm-reconassoc

<i>Names</i>	fr-idm-reconassoc
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-reconassoc-finishstime
<i>Schema File</i>	60-repo-schema.ldif

<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.15
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-reconassoc-isanalysis, fr-idm-reconassoc-mapping, fr-idm-reconassoc-reconid, fr-idm-reconassoc-sourceresourcecollection, fr-idm-reconassoc-targetresourcecollection, objectClass

fr-idm-reconassocentry

<i>Names</i>	fr-idm-reconassocentry
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-reconassocentry-action, fr-idm-reconassocentry-ambiguoustargetobjectids, fr-idm-reconassocentry-exception, fr-idm-reconassocentry-message, fr-idm-reconassocentry-messagedetail, fr-idm-reconassocentry-phase, fr-idm-reconassocentry-situation, fr-idm-reconassocentry-sourceobjectid, fr-idm-reconassocentry-targetobjectid
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.16
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-reconassocentry-linkqualifier, fr-idm-reconassocentry-reconid, fr-idm-reconassocentry-status, objectClass

fr-idm-relationship

<i>Names</i>	fr-idm-relationship
<i>Origin</i>	OpenIDM DsSRepoService
<i>Superior Classes</i>	top
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.10
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-relationship-json, objectClass

fr-idm-syncqueue

<i>Names</i>	fr-idm-syncqueue
<i>Origin</i>	OpenIDM DSRepoService
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	fr-idm-syncqueue-newobject, fr-idm-syncqueue-nodeid, fr-idm-syncqueue-objectrev, fr-idm-syncqueue-oldobject, fr-idm-syncqueue-remainingretries
<i>Schema File</i>	60-repo-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.3.2.14
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	fr-idm-syncqueue-context, fr-idm-syncqueue-createdate, fr-idm-syncqueue-mapping, fr-idm-syncqueue-resourcecollection, fr-idm-syncqueue-resourceid, fr-idm-syncqueue-state, fr-idm-syncqueue-syncaction, objectClass

frCoreToken

<i>Names</i>	frCoreToken
<i>Origin</i>	ForgeRock OpenAM CTSv2
<i>Superior Classes</i>	top
<i>Description</i>	object containing ForgeRock Core Token
<i>Optional Attributes</i>	coreTokenDate01, coreTokenDate02, coreTokenDate03, coreTokenDate04, coreTokenDate05, coreTokenExpirationDate, coreTokenInteger01, coreTokenInteger02, coreTokenInteger03, coreTokenInteger04, coreTokenInteger05, coreTokenInteger06, coreTokenInteger07, coreTokenInteger08, coreTokenInteger09, coreTokenInteger10, coreTokenMultiString01, coreTokenMultiString02, coreTokenMultiString03, coreTokenObject, coreTokenString01, coreTokenString02, coreTokenString03, coreTokenString04, coreTokenString05, coreTokenString06, coreTokenString07, coreTokenString08, coreTokenString09, coreTokenString10, coreTokenString11, coreTokenString12, coreTokenString13, coreTokenString14, coreTokenString15, coreTokenTtlDate, coreTokenUserId
<i>Schema File</i>	60-cts-schema.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.27
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	coreTokenId, coreTokenType, objectClass

friendlyCountry

Entries of this object class represent countries. This object class allows friendlier naming than allowed by the `country` object class.

<i>Names</i>	friendlyCountry
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	country
<i>Optional Attributes</i>	description, searchGuide
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.18
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	c, co, objectClass

glue

DSEE object class for an entry restored due to a replication conflict.

<i>Names</i>	glue
<i>Origin</i>	Sun Directory Server
<i>Superior Classes</i>	top
<i>Schema File</i>	06-compat.ldif
<i>OID</i>	2.16.840.1.113730.3.2.30
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

groupOfEntries

This object class is like the standard `groupOfNames` object class, except that the `member` attribute is optional, making it possible to have an empty group.

Note The default schema defines `groupOfNames` as if it were `groupOfEntries`, making it possible to have an empty group. This is a deviation from the standard definition.

<i>Names</i>	groupOfEntries
<i>Origin</i>	draft-findlay-ldap-groupofentries

<i>Superior Classes</i>	top
<i>Optional Attributes</i>	businessCategory, description, member, o, ou, owner, seeAlso
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.2.826.0.1.3458854.2.1.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

groupOfNames

Note The default schema defines `groupOfNames` as if it were `groupOfEntries`, making it possible to have an empty group. This is a deviation from the standard definition, as proposed in the *LDAP groupOfEntries* Internet-Draft.

<i>Names</i>	groupOfNames
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	businessCategory, description, member, o, ou, owner, seeAlso
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.9
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

groupOfUniqueNames

Represents a set of named objects, like `groupOfNames`, including information relating to the purpose or maintenance of the set. Object names are not repeated or reassigned within the set.

<i>Names</i>	groupOfUniqueNames
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	businessCategory, description, o, ou, owner, seeAlso, uniqueMember
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.17
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	cn, objectClass
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groupOfURLs

Object class for a dynamic group.

<i>Names</i>	groupOfURLs
<i>Origin</i>	Sun Java System Directory Server
<i>Superior Classes</i>	top
<i>Description</i>	Sun-defined objectclass
<i>Optional Attributes</i>	businessCategory, description, memberURL, o, ou, owner, seeAlso
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.16.840.1.113730.3.2.33
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

ieee802Device

<i>Names</i>	ieee802Device
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	A device with a MAC address; device SHOULD be used as a structural class
<i>Optional Attributes</i>	macAddress
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.11
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

inetOrgPerson

A person object class for Internet and Intranet directory service deployments.

RFC 2798 specifies this object class in detail.

Example:

```

dn: uid=bjensen,ou=People,dc=example,dc=com
objectClass: top
objectClass: person
objectClass: organizationalPerson
objectClass: inetOrgPerson
uid: bjensen
ou: Product Development
ou: People
cn: Barbara Jensen
cn: Babs Jensen
givenname: Barbara
sn: Jensen
mail: bjensen@example.com
facsimiletelephonenumber: +1 408 555 1992
telephonenumber: +1 408 555 1862
preferredLanguage: en, ko;q=0.8
l: San Francisco
manager: uid=trigden, ou=People, dc=example,dc=com
roomnumber: 0209
userpassword: {PBKDF2-HMAC-SHA256}10000:<hash>
description: Babs Jensen's entry
    
```

<i>Names</i>	inetOrgPerson
<i>Origin</i>	RFC 2798
<i>Superior Classes</i>	organizationalPerson
<i>Optional Attributes</i>	audio, businessCategory, carLicense, departmentNumber, description, destinationIndicator, displayName, employeeNumber, employeeType, facsimileTelephoneNumber, givenName, homePhone, homePostalAddress, initials, internationaliSDNNumber, jpegPhoto, l, labeledURI, mail, manager, mobile, o, ou, pager, photo, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, preferredLanguage, registeredAddress, roomNumber, secretary, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, title, uid, userCertificate, userPKCS12, userPassword, userSMIMECertificate, x121Address, x500UniqueIdentifier
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.16.840.1.113730.3.2.2
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, sn

inetuser

This object class stores AM profile information.

<i>Names</i>	inetuser
<i>Origin</i>	Nortel subscriber interoperability

<i>Superior Classes</i>	top
<i>Description</i>	Auxiliary class which has to be present in an entry for delivery of subscriber services
<i>Optional Attributes</i>	inetUserHttpURL, inetUserStatus, memberof, uid, userPassword
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	2.16.840.1.113730.3.2.130
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

inheritableLDAPSubEntry

<i>Names</i>	inheritableLDAPSubEntry
<i>Origin</i>	draft-ietf-ldup-subentry
<i>Superior Classes</i>	ldapSubEntry
<i>Description</i>	Inheritable LDAP Subentry class, version 1
<i>Optional Attributes</i>	blockInheritance, cn
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.7628.5.6.1.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	inheritable, objectClass

inheritedCollectiveAttributeSubentry

Object class for specifying how collective attributes are inherited.

<i>Names</i>	inheritedCollectiveAttributeSubentry
<i>Origin</i>	OpenDS Directory Server
<i>Superior Classes</i>	subentry
<i>Description</i>	Inherited Collective Attributes Subentry class
<i>Optional Attributes</i>	collectiveConflictBehavior
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.26027.1.2.238
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	cn, inheritAttribute, objectClass, subtreeSpecification
----------------------------	---

inheritedFromDNCollectiveAttributeSubentry

Object class for specifying an entry from which a collective attribute is inherited.

<i>Names</i>	inheritedFromDNCollectiveAttributeSubentry
<i>Origin</i>	OpenDS Directory Server
<i>Superior Classes</i>	inheritedCollectiveAttributeSubentry
<i>Description</i>	Inherited from DN Collective Attributes Subentry class
<i>Optional Attributes</i>	collectiveConflictBehavior, inheritFromDNParent
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.26027.1.2.239
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, inheritAttribute, inheritFromDNAttribute, objectClass, subtreeSpecification

inheritedFromRDNCollectiveAttributeSubentry

Object class for specifying a relative entry from which a collective attribute is inherited.

<i>Names</i>	inheritedFromRDNCollectiveAttributeSubentry
<i>Origin</i>	OpenDS Directory Server
<i>Superior Classes</i>	inheritedCollectiveAttributeSubentry
<i>Description</i>	Inherited from RDN Collective Attributes Subentry class
<i>Optional Attributes</i>	collectiveConflictBehavior
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.26027.1.2.240
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, inheritAttribute, inheritFromBaseRDN, inheritFromRDNAttribute, inheritFromRDNTYPE, objectClass, subtreeSpecification

ipHost

<i>Names</i>	ipHost
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<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of a host, an IP device. The distinguished value of the cn attribute denotes the canonical name of the host. Device SHOULD be used as a structural class
<i>Optional Attributes</i>	authPassword, description, l, manager, userPassword
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.6
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	cn, ipHostNumber, objectClass

iplanet-am-auth-configuration-service

This object class stores AM profile information.

<i>Names</i>	iplanet-am-auth-configuration-service
<i>Origin</i>	OpenSSO
<i>Superior Classes</i>	top
<i>Description</i>	Authentication Configuration Service OC
<i>Optional Attributes</i>	iplanet-am-auth-configuration, iplanet-am-auth-login-failure-url, iplanet-am-auth-login-success-url, iplanet-am-auth-post-login-process-class, oath2faEnabled, push2faEnabled
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.2.23
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

iplanet-am-managed-person

This object class stores AM profile information.

<i>Names</i>	iplanet-am-managed-person
<i>Origin</i>	OpenSSO
<i>Superior Classes</i>	top
<i>Description</i>	Managed Person OC

<i>Optional Attributes</i>	iplanet-am-user-account-life
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	2.16.840.1.113730.3.2.184
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

iplanet-am-session-service

This object class stores AM profile information.

<i>Names</i>	iplanet-am-session-service
<i>Origin</i>	OpenSSO
<i>Superior Classes</i>	top
<i>Description</i>	Session Service OC
<i>Optional Attributes</i>	iplanet-am-session-destroy-sessions, iplanet-am-session-get-valid-sessions, iplanet-am-session-max-caching-time, iplanet-am-session-max-idle-time, iplanet-am-session-max-session-time, iplanet-am-session-quota-limit, iplanet-am-session-service-status
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	2.16.840.1.113730.3.2.175
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

iplanet-am-user-service

This object class stores AM profile information.

<i>Names</i>	iplanet-am-user-service
<i>Origin</i>	OpenSSO
<i>Superior Classes</i>	top
<i>Description</i>	User Service OC
<i>Optional Attributes</i>	iplanet-am-user-admin-start-dn, iplanet-am-user-alias-list, iplanet-am-user-auth-config, iplanet-am-user-auth-modules, iplanet-am-user-failure-url, iplanet-am-user-login-status, iplanet-am-user-password-reset-force-reset, iplanet-am-user-password-reset-options, iplanet-am-user-password-reset-question-answer, iplanet-am-user-success-url, sunIdentityMSISDNNumber

<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	2.16.840.1.113730.3.2.176
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

iPlanetPreferences

This object class stores AM profile information.

<i>Names</i>	iPlanetPreferences
<i>Origin</i>	iPlanet
<i>Optional Attributes</i>	preferredLanguage, preferredLocale, preferredTimeZone
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	1.3.6.1.4.1.1466.101.120.142
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

ipNetwork

<i>Names</i>	ipNetwork
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of a network. The distinguished value of the cn attribute denotes the canonical name of the network
<i>Optional Attributes</i>	cn, description, ipNetmaskNumber, l, manager
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.7
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ipNetworkNumber, objectClass

ipProtocol

<i>Names</i>	ipProtocol
<i>Origin</i>	draft-howard-rfc2307bis

<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of an IP protocol. Maps a protocol number to one or more names. The distinguished value of the cn attribute denotes the canonical name of the protocol
<i>Optional Attributes</i>	description
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.4
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ipProtocolNumber, objectClass

ipService

<i>Names</i>	ipService
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction an Internet Protocol service. Maps an IP port and protocol (such as tcp or udp) to one or more names; the distinguished value of the cn attribute denotes the canonical name of the service
<i>Optional Attributes</i>	description
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.3
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ipServicePort, ipServiceProtocol, objectClass

ipTnetHost

<i>Names</i>	ipTnetHost
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	Associates an IP address or wildcard with a TSOL template_name
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.9
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	ipTnetNumber, objectClass

ipTnetTemplate

<i>Names</i>	ipTnetTemplate
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	Object class for TSOL network templates
<i>Optional Attributes</i>	SolarisAttrKeyValue
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.8
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ipTnetTemplateName, objectClass

javaContainer

Entry that contains a Java object. The entry's form is specified by an auxiliary object class.

<i>Names</i>	javaContainer
<i>Origin</i>	RFC 2713
<i>Superior Classes</i>	top
<i>Description</i>	Container for a Java object
<i>Schema File</i>	03-rfc2713.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

javaMarshaledObject

Entry that represents a marshalled Java object.

<i>Names</i>	javaMarshaledObject
<i>Origin</i>	RFC 2713
<i>Superior Classes</i>	javaObject
<i>Description</i>	Java marshalled object

<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc
<i>Schema File</i>	03-rfc2713.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.8
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	javaClassName, javaSerializedData, objectClass

javaNamingReference

Entry that represents a JNDI reference to a Java object.

<i>Names</i>	javaNamingReference
<i>Origin</i>	RFC 2713
<i>Superior Classes</i>	javaObject
<i>Description</i>	JNDI reference
<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc, javaFactory, javaReferenceAddress
<i>Schema File</i>	03-rfc2713.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.7
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	javaClassName, objectClass

javaObject

Abstract parent for entries that represent Java objects.

<i>Names</i>	javaObject
<i>Origin</i>	RFC 2713
<i>Superior Classes</i>	top
<i>Description</i>	Java object representation
<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc
<i>Schema File</i>	03-rfc2713.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.4
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	javaClassName, objectClass

javaSerializedObject

Entry that represents a serialized Java object.

<i>Names</i>	javaSerializedObject
<i>Origin</i>	RFC 2713
<i>Superior Classes</i>	javaObject
<i>Description</i>	Java serialized object
<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc
<i>Schema File</i>	03-rfc2713.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.5
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	javaClassName, javaSerializedData, objectClass

kbaInfoContainer

<i>Names</i>	kbaInfoContainer
<i>Origin</i>	OpenAM
<i>Superior Classes</i>	top
<i>Description</i>	Class containing KBA information
<i>Optional Attributes</i>	kbaActiveIndex, kbaInfo, kbaInfoAttempts
<i>Schema File</i>	60-identity-store-ds-kba.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.5
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

labeledURIObject

Class allowing a **labeledURI** attribute, which holds a URI with an optional label, as described in RFC 2079.

<i>Names</i>	labeledURIObject
<i>Origin</i>	RFC 2079
<i>Superior Classes</i>	top

<i>Description</i>	object that contains the URI attribute type
<i>Optional Attributes</i>	labeledURI
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.250.3.15
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

ldapSubEntry

LDAP subentries are analogous to operational attributes in that they are used by the server for administrative purposes. Examples include password policies, entries for allocating collective attributes, and the entry exposing directory schema.

Unlike entries in the server-specific configuration backend, Subentries are present in and replicated with user data. Modifying subentries nevertheless requires the `subentry-write` administrative privilege.

For details, see the Internet-Draft, *LDAP Subentry Schema* .

<i>Names</i>	ldapSubEntry
<i>Origin</i>	draft-ietf-ldup-subentry
<i>Superior Classes</i>	top
<i>Description</i>	LDAP Subentry class, version 1
<i>Optional Attributes</i>	cn
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.16.840.1.113719.2.142.6.1.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

locality

The entry with this object class represents a place in the physical world.

<i>Names</i>	locality
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, l, searchGuide, seeAlso, st, street

<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.3
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

mailGroup

<i>Names</i>	mailGroup
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	cn, mgrpRFC822MailMember
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	2.16.840.1.113730.3.2.4
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	mail, objectClass

namedObject

The `namedObject` structural object class is a placeholder. It is intended for use in entries that have auxiliary object classes, and for which there is no appropriate structural object class.

The Internet-Draft shows the example of a POSIX group entry:

```
dn: cn=wheel,ou=Groups,dc=padl,dc=com
objectClass: top
objectClass: namedObject
objectClass: posixGroup
cn: wheel
gidNumber: 0
memberUid: root
```

<i>Names</i>	namedObject
<i>Origin</i>	draft-howard-namedobject
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	cn
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.5322.13.1.1

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

nisDomainObject

<i>Names</i>	nisDomainObject
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Associates a NIS domain with a naming context
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.15
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	nisDomain, objectClass

nisKeyObject

<i>Names</i>	nisKeyObject
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	An object with a public and secret key
<i>Optional Attributes</i>	description, uidNumber
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.14
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	cn, nisPublicKey, nisSecretKey, objectClass

nisMailAlias

<i>Names</i>	nisMailAlias
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	rfc822mailMember

<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.1.2.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

nisMap

<i>Names</i>	nisMap
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	A generic abstraction of a NIS map
<i>Optional Attributes</i>	description
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.9
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	nisMapName, objectClass

nisNetgroup

<i>Names</i>	nisNetgroup
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of a netgroup. May refer to other netgroups
<i>Optional Attributes</i>	description, memberNisNetgroup, nisNetgroupTriple
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.8
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

nisNetId

<i>Names</i>	nisNetId
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<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	nisNetIdGroup, nisNetIdHost, nisNetIdUser
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.1.2.6
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

nisObject

<i>Names</i>	nisObject
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	An entry in a NIS map
<i>Optional Attributes</i>	description
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.10
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, nisMapEntry, nisMapName, objectClass

nisplusTimeZoneData

<i>Names</i>	nisplusTimeZoneData
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	NIS+ timezone table data
<i>Optional Attributes</i>	description, nisplusTimeZone
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.12
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

oathDeviceProfilesContainer

<i>Names</i>	oathDeviceProfilesContainer
<i>Origin</i>	OpenAM
<i>Superior Classes</i>	top
<i>Description</i>	Class containing OATH device profiles
<i>Optional Attributes</i>	oathDeviceProfiles
<i>Schema File</i>	60-identity-store-ds-oathdevices.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.10
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

oncRpc

<i>Names</i>	oncRpc
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of an Open Network Computing (ONC) [RFC1057] Remote Procedure Call (RPC) binding. This class maps an ONC RPC number to a name. The distinguished value of the cn attribute denotes the canonical name of the RPC service
<i>Optional Attributes</i>	description
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, oncRpcNumber

organization

The entry with this object class represents a structured group of people.

<i>Names</i>	organization
<i>Origin</i>	RFC 4519

<i>Superior Classes</i>	top
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.4
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	o, objectClass

organizationalPerson

The entry with this object class represents a person in relation to an organization.

<i>Names</i>	organizationalPerson
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	person
<i>Optional Attributes</i>	description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, ou, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, title, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.7
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, sn

organizationalRole

The entry with this object class represents a job, function, or position in an organization.

<i>Names</i>	organizationalRole
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, ou, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress,

	roleOccupant, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.8
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

organizationalUnit

The entry with this object class represents a piece of an organization.

<i>Names</i>	organizationalUnit
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, ou

person

The entry with this object class represents a human being.

<i>Names</i>	person
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, seeAlso, telephoneNumber, userPassword
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.6
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	cn, objectClass, sn
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pilotDSA

Object class assigning common attributes for COSINE and Internet X.500 pilot Directory System Agent (DSA) entries.

<i>Names</i>	pilotDSA
<i>Origin</i>	RFC 1274
<i>Superior Classes</i>	dSA
<i>Optional Attributes</i>	description, knowledgeInformation, l, o, ou, seeAlso, supportedApplicationContext
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.21
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, dSAQuality, objectClass, presentationAddress

pilotObject

Object class assigning common attributes for COSINE and Internet X.500 pilot entries.

<i>Names</i>	pilotObject
<i>Origin</i>	RFC 1274
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	audio, dITRedirect, info, jpegPhoto, lastModifiedBy, lastModifiedTime, manager, photo, uniqueIdentifier
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.3
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

pilotOrganization

Organization object class for COSINE and Internet X.500 pilot entries.

<i>Names</i>	pilotOrganization
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<i>Origin</i>	RFC 1274
<i>Superior Classes</i>	organization, organizationalUnit
<i>Optional Attributes</i>	buildingName, businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.20
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	o, objectClass, ou

pilotPerson

Person object class for COSINE and Internet X.500 pilot entries.

<i>Names</i>	pilotPerson
<i>Origin</i>	RFC 1274
<i>Superior Classes</i>	person
<i>Optional Attributes</i>	businessCategory, description, drink, homePhone, homePostalAddress, janetMailbox, mail, mailPreferenceOption, mobile, organizationalStatus, otherMailbox, pager, personalSignature, personalTitle, preferredDeliveryMethod, roomNumber, secretary, seeAlso, telephoneNumber, textEncodedORAddress, uid, userClass, userPassword
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.4
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, sn

pkiCA

Object class for augmenting entries that act as certificate authorities, as described in X.509 clause 11.1.2.

<i>Names</i>	pkiCA
<i>Origin</i>	RFC 4523

<i>Superior Classes</i>	top
<i>Description</i>	X.509 PKI Certificate Authority
<i>Optional Attributes</i>	authorityRevocationList, cACertificate, certificateRevocationList, crossCertificatePair
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.22
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

pkiUser

Object class for augmenting entries that may be subject to certificates, as described in X.509 clause 11.1.1.

<i>Names</i>	pkiUser
<i>Origin</i>	RFC 4523
<i>Superior Classes</i>	top
<i>Description</i>	X.509 PKI User
<i>Optional Attributes</i>	userCertificate
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.21
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

posixAccount

<i>Names</i>	posixAccount
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of an account with POSIX attributes
<i>Optional Attributes</i>	authPassword, description, gecos, loginShell, userPassword
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.0

<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	cn, gidNumber, homeDirectory, objectClass, uid, uidNumber

posixGroup

<i>Names</i>	posixGroup
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Abstraction of a group of accounts
<i>Optional Attributes</i>	authPassword, description, memberUid, userPassword
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.2
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	gidNumber, objectClass

printerAbstract

<i>Names</i>	printerAbstract
<i>Origin</i>	RFC 3712
<i>Superior Classes</i>	top
<i>Description</i>	Printer related information.
<i>Optional Attributes</i>	printer-charset-configured, printer-charset-supported, printer-color-supported, printer-compression-supported, printer-copies-supported, printer-current-operator, printer-delivery-orientation-supported, printer-document-format-supported, printer-finishing-supported, printer-generated-natural-language-supported, printer-info, printer-job-k-octets-supported, printer-job-priority-supported, printer-location, printer-make-and-model, printer-media-local-supported, printer-media-supported, printer-more-info, printer-multiple-document-jobs-supported, printer-name, printer-natural-language-configured, printer-number-up-supported, printer-output-features-supported, printer-pages-per-minute, printer-pages-per-minute-color, printer-print-quality-supported, printer-resolution-supported, printer-service-person, printer-sides-supported, printer-stacking-order-supported
<i>Schema File</i>	03-rfc3712.ldif
<i>OID</i>	1.3.18.0.2.6.258
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass

printerIPP

<i>Names</i>	printerIPP
<i>Origin</i>	RFC 3712
<i>Superior Classes</i>	top
<i>Description</i>	Internet Printing Protocol (IPP) information.
<i>Optional Attributes</i>	printer-ipp-versions-supported, printer-multiple-document-jobs-supported
<i>Schema File</i>	03-rfc3712.ldif
<i>OID</i>	1.3.18.0.2.6.256
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

printerLPR

<i>Names</i>	printerLPR
<i>Origin</i>	RFC 3712
<i>Superior Classes</i>	top
<i>Description</i>	LPR information.
<i>Optional Attributes</i>	printer-aliases
<i>Schema File</i>	03-rfc3712.ldif
<i>OID</i>	1.3.18.0.2.6.253
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, printer-name

printerService

<i>Names</i>	printerService
<i>Origin</i>	RFC 3712
<i>Superior Classes</i>	printerAbstract
<i>Description</i>	Printer information.
<i>Optional Attributes</i>	printer-charset-configured, printer-charset-supported, printer-color-supported, printer-compression-supported, printer-copies-supported, printer-current-operator, printer-delivery-orientation-supported, printer-document-format-supported, printer-finishings-supported, printer-generated-natural-language-

	supported, printer-info, printer-job-k-octets-supported, printer-job-priority-supported, printer-location, printer-make-and-model, printer-media-local-supported, printer-media-supported, printer-more-info, printer-multiple-document-jobs-supported, printer-name, printer-natural-language-configured, printer-number-up-supported, printer-output-features-supported, printer-pages-per-minute, printer-pages-per-minute-color, printer-print-quality-supported, printer-resolution-supported, printer-service-person, printer-sides-supported, printer-stacking-order-supported, printer-uri, printer-xri-supported
<i>Schema File</i>	03-rfc3712.ldif
<i>OID</i>	1.3.18.0.2.6.255
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

printerServiceAuxClass

<i>Names</i>	printerServiceAuxClass
<i>Origin</i>	RFC 3712
<i>Superior Classes</i>	printerAbstract
<i>Description</i>	Printer information.
<i>Optional Attributes</i>	printer-charset-configured, printer-charset-supported, printer-color-supported, printer-compression-supported, printer-copies-supported, printer-current-operator, printer-delivery-orientation-supported, printer-document-format-supported, printer-finishings-supported, printer-generated-natural-language-supported, printer-info, printer-job-k-octets-supported, printer-job-priority-supported, printer-location, printer-make-and-model, printer-media-local-supported, printer-media-supported, printer-more-info, printer-multiple-document-jobs-supported, printer-name, printer-natural-language-configured, printer-number-up-supported, printer-output-features-supported, printer-pages-per-minute, printer-pages-per-minute-color, printer-print-quality-supported, printer-resolution-supported, printer-service-person, printer-sides-supported, printer-stacking-order-supported, printer-uri, printer-xri-supported
<i>Schema File</i>	03-rfc3712.ldif
<i>OID</i>	1.3.18.0.2.6.257
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

pushDeviceProfilesContainer

<i>Names</i>	pushDeviceProfilesContainer
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<i>Origin</i>	OpenAM
<i>Superior Classes</i>	top
<i>Description</i>	Class containing Push device profiles
<i>Optional Attributes</i>	pushDeviceProfiles
<i>Schema File</i>	60-identity-store-ds-pushdevices.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.11
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

pwdPolicy

Password policy that is part of the directory data and can be replicated.

<i>Names</i>	pwdPolicy
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	pwdAllowUserChange, pwdCheckQuality, pwdExpireWarning, pwdFailureCountInterval, pwdGraceAuthNLimit, pwdInHistory, pwdLockout, pwdLockoutDuration, pwdMaxAge, pwdMaxFailure, pwdMinAge, pwdMinLength, pwdMustChange, pwdSafeModify
<i>Schema File</i>	01-pwpolicy.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.8.2.1
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, pwdAttribute

pwdValidatorPolicy

Object class for an entry that specifies a password validation policy.

<i>Names</i>	pwdValidatorPolicy
<i>Origin</i>	OpenDJ Directory Server
<i>Superior Classes</i>	top
<i>Description</i>	This auxiliary objectClass represents a password validator by referencing one from the configuration. It has been replaced with ds-pwp-validator and will be obsoleted in future versions

<i>Schema File</i>	03-pwpolicyextension.ldif
<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.18
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, ds-cfg-password-validator
<i>Deprecated Since</i>	7.0.0

qualityLabelledData

Object class assigning common data quality attributes to subtrees in the DIT.

<i>Names</i>	qualityLabelledData
<i>Origin</i>	RFC 1274
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	subtreeMaximumQuality, subtreeMinimumQuality
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.22
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dSAQuality, objectClass

referral

Represents a subordinate reference in the directory, in other words an entry that refers to another entry.

Use this object class with [extensibleObject](#) to allow the entry to support the naming attributes used in its DN.

<i>Names</i>	referral
<i>Origin</i>	RFC 3296
<i>Superior Classes</i>	top
<i>Description</i>	named subordinate reference object
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.16.840.1.113730.3.2.6
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	ref
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residentialPerson

The entry with this object class represents a person's residence in representation of the person.

<i>Names</i>	residentialPerson
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	person
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.10
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, l, objectClass, sn

rFC822LocalPart

Entries of this object class represent the local part of Internet mail addresses as described in RFC 2822.

The local part of the address is handled like a `domain` entry.

<i>Names</i>	rFC822LocalPart
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	domain
<i>Optional Attributes</i>	associatedName, businessCategory, cn, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, o, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, sn, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.14
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	dc, objectClass
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room

Entries of this object class represent rooms with **cn** as the naming attribute.

<i>Names</i>	room
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	description, roomNumber, seeAlso, telephoneNumber
<i>Schema File</i>	00-core.ldif
<i>OID</i>	0.9.2342.19200300.100.4.7
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

sambaConfig

<i>Names</i>	sambaConfig
<i>Superior Classes</i>	top
<i>Description</i>	Samba Configuration Section
<i>Optional Attributes</i>	description
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.10
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

sambaConfigOption

<i>Names</i>	sambaConfigOption
<i>Superior Classes</i>	top
<i>Description</i>	Samba Configuration Option
<i>Optional Attributes</i>	description, sambaBoolOption, sambaIntegerOption, sambaStringListOption, sambaStringOption
<i>Schema File</i>	05-samba.ldif

<i>OID</i>	1.3.6.1.4.1.7165.2.2.12
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaOptionName

sambaDomain

<i>Names</i>	sambaDomain
<i>Superior Classes</i>	top
<i>Description</i>	Samba Domain Information
<i>Optional Attributes</i>	sambaAlgorithmicRidBase, sambaForceLogoff, sambaLockoutDuration, sambaLockoutObservationWindow, sambaLockoutThreshold, sambaLogonToChgPwd, sambaMaxPwdAge, sambaMinPwdAge, sambaMinPwdLength, sambaNextGroupRid, sambaNextRid, sambaNextUserRid, sambaPwdHistoryLength, sambaRefuseMachinePwdChange
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.2.2.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaDomainName, sambaSID

sambaGroupMapping

<i>Names</i>	sambaGroupMapping
<i>Superior Classes</i>	top
<i>Description</i>	Samba Group Mapping
<i>Optional Attributes</i>	description, displayName, sambaSIDList
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.2.2.4
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	gidNumber, objectClass, sambaGroupType, sambaSID

sambaldmapEntry

<i>Names</i>	sambaldmapEntry
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<i>Superior Classes</i>	top
<i>Description</i>	Mapping from a SID to an ID
<i>Optional Attributes</i>	gidNumber, uidNumber
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.8
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, sambaSID

sambaPrivilege

<i>Names</i>	sambaPrivilege
<i>Superior Classes</i>	top
<i>Description</i>	Samba Privilege
<i>Optional Attributes</i>	sambaPrivilegeList
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.2.2.13
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, sambaSID

sambaSamAccount

<i>Names</i>	sambaSamAccount
<i>Superior Classes</i>	top
<i>Description</i>	Samba 3.0 Auxilary SAM Account
<i>Optional Attributes</i>	cn, description, displayName, sambaAcctFlags, sambaBadPasswordCount, sambaBadPasswordTime, sambaDomainName, sambaHomeDrive, sambaHomePath, sambaKickoffTime, sambaLMPassword, sambaLogoffTime, sambaLogonHours, sambaLogonScript, sambaLogonTime, sambaMungedDial, sambaNTPassword, sambaPasswordHistory, sambaPrimaryGroupSID, sambaProfilePath, sambaPwdCanChange, sambaPwdLastSet, sambaPwdMustChange, sambaUserWorkstations
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.2.2.6
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

<i>Required Attributes</i>	objectClass, sambaSID, uid
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sambaShare

<i>Names</i>	sambaShare
<i>Superior Classes</i>	top
<i>Description</i>	Samba Share Section
<i>Optional Attributes</i>	description
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.2.2.11
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaShareName

sambaSidEntry

<i>Names</i>	sambaSidEntry
<i>Superior Classes</i>	top
<i>Description</i>	Structural Class for a SID
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.9
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaSID

sambaTrustPassword

<i>Names</i>	sambaTrustPassword
<i>Superior Classes</i>	top
<i>Description</i>	Samba Trust Password
<i>Optional Attributes</i>	sambaPwdLastSet, sambaSID
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.2.2.14
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	objectClass, sambaDomainName, sambaNTPassword, sambaTrustFlags
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sambaUnixIdPool

<i>Names</i>	sambaUnixIdPool
<i>Superior Classes</i>	top
<i>Description</i>	Pool for allocating UNIX uids/gids
<i>Schema File</i>	05-samba.ldif
<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.7
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	gidNumber, objectClass, uidNumber

shadowAccount

<i>Names</i>	shadowAccount
<i>Origin</i>	draft-howard-rfc2307bis
<i>Superior Classes</i>	top
<i>Description</i>	Additional attributes for shadow passwords
<i>Optional Attributes</i>	authPassword, description, shadowExpire, shadowFlag, shadowInactive, shadowLastChange, shadowMax, shadowMin, shadowWarning, userPassword
<i>Schema File</i>	04-rfc2307bis.ldif
<i>OID</i>	1.3.6.1.1.1.2.1
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, uid

simpleSecurityObject

Entries of this object class require that the entry have a `userPassword` attribute when the `userPassword` attribute is not required or allowed by the structural object class chain.

<i>Names</i>	simpleSecurityObject
<i>Origin</i>	RFC 4524
<i>Superior Classes</i>	top
<i>Schema File</i>	00-core.ldif

<i>OID</i>	0.9.2342.19200300.100.4.19
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, userPassword

slpService

Parent class for Service Location Protocol (SLP) objects. Specific service types inherit from this class and define their own attributes. They are structural object classes.

SLP service type templates have the following properties:

template-type

Defines the service type of the template. The service type can reflect:

- A simple service, for example `service:ftp`
- An abstract service type, for example `service:printer`
- An concrete service type, for example `service:printer:lpr`
- A service with a naming authority, for example `service:printer.sun:local`

This definition is used as the name of the LDAP object class for the template. To translate the service type name, `:` and `.` are replaced with `-`. For example, `service:printer.sun:local` becomes the object class name `service-printer-sun-local`.

template-version

String containing a major and minor version number, separated by `.`

template-description

Block of human-readable text describing what the service does.

template-url-syntax

ABNF grammar describing the service type specific part of the service URL.

<i>Names</i>	slpService
<i>Origin</i>	RFC 2926
<i>Superior Classes</i>	top
<i>Description</i>	parent superclass for SLP services
<i>Optional Attributes</i>	service-advert-attribute-authenticator, service-advert-url-authenticator
<i>Schema File</i>	03-rfc2926.ldif

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.2.1
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	description, objectClass, service-advert-scopes, service-advert-service-type, template-major-version-number, template-minor-version-number, template-url-syntax

slpServicePrinter

<i>Names</i>	slpServicePrinter
<i>Origin</i>	RFC 3712
<i>Superior Classes</i>	slpService
<i>Description</i>	Service Location Protocol (SLP) information.
<i>Optional Attributes</i>	service-advert-attribute-authenticator, service-advert-url-authenticator
<i>Schema File</i>	03-rfc3712.ldif
<i>OID</i>	1.3.18.0.2.6.254
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	description, objectClass, service-advert-scopes, service-advert-service-type, template-major-version-number, template-minor-version-number, template-url-syntax

SolarisAuditUser

<i>Names</i>	SolarisAuditUser
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	SolarisAuditAlways, SolarisAuditNever
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.2
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

SolarisAuthAttr

<i>Names</i>	SolarisAuthAttr
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<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	Authorizations data
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrLongDesc, SolarisAttrReserved1, SolarisAttrReserved2, SolarisAttrShortDesc
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.4
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

SolarisExecAttr

<i>Names</i>	SolarisExecAttr
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	Profiles execution attributes
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrReserved1, SolarisAttrReserved2, SolarisKernelSecurityPolicy, SolarisProfileId, SolarisProfileType
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.6
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

SolarisNamingProfile

<i>Names</i>	SolarisNamingProfile
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	Solaris LDAP Naming client profile objectClass
<i>Optional Attributes</i>	SolarisAuthMethod, SolarisBindDN, SolarisBindPassword, SolarisBindTimeLimit, SolarisCacheTTL, SolarisCertificatePassword, SolarisCertificatePath, SolarisDataSearchDN, SolarisPreferredServer, SolarisPreferredServerOnly, SolarisSearchReferral, SolarisSearchScope, SolarisSearchTimeLimit, SolarisTransportSecurity
<i>Schema File</i>	05-solaris.ldif

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.7
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	SolarisLDAPServers, SolarisSearchBaseDN, cn, objectClass

SolarisProfAttr

<i>Names</i>	SolarisProfAttr
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	Profiles data
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrLongDesc, SolarisAttrReserved1, SolarisAttrReserved2
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

SolarisProject

<i>Names</i>	SolarisProject
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	SolarisProjectAttr, description, memberGid, memberUid
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	SolarisProjectID, SolarisProjectName, objectClass

SolarisUserAttr

<i>Names</i>	SolarisUserAttr
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<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	User attributes
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrReserved1, SolarisAttrReserved2, SolarisUserQualifier
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.3
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

strongAuthenticationUser

Object class for augmenting entries that use certificate-based authentication, as described in X.521 clause 6.15.

This object class is deprecated. Use `pkiUser` instead.

<i>Names</i>	strongAuthenticationUser
<i>Origin</i>	RFC 4523
<i>Superior Classes</i>	top
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.15
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, userCertificate

subentry

Subentries are analogous to operational attributes in that they are used by the server for administrative purposes. Examples include password policies, entries for allocating collective attributes, and the entry exposing directory schema.

Unlike entries in the server-specific configuration backend, Subentries are present in and replicated with user data. Modifying subentries nevertheless requires the `subentry-write` administrative privilege.

For details, see RFC 3672, *Subentries in the Lightweight Directory Access Protocol* .

<i>Names</i>	subentry
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<i>Origin</i>	RFC 3672
<i>Superior Classes</i>	top
<i>Description</i>	LDAP Subentry class
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.17.0
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, subtreeSpecification

subschema

Auxiliary object class for entries holding LDAP schema definitions.

<i>Names</i>	subschema
<i>Origin</i>	RFC 4512
<i>Optional Attributes</i>	attributeTypes, dITContentRules, dITStructureRules, matchingRuleUse, matchingRules, nameForms, objectClasses
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.20.1
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

sunAMAuthAccountLockout

This object class stores AM profile information.

<i>Names</i>	sunAMAuthAccountLockout
<i>Origin</i>	OpenSSO
<i>Superior Classes</i>	top
<i>Description</i>	Invalid Login Attempts Object Class
<i>Optional Attributes</i>	sunAMAuthInvalidAttemptsData
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.2.118
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

sunFMSAML2NameIdentifier

This object class stores AM profile information.

<i>Names</i>	sunFMSAML2NameIdentifier
<i>Origin</i>	OpenSSO
<i>Superior Classes</i>	top
<i>Description</i>	SAML 2.0 name identifier objectclass
<i>Optional Attributes</i>	sun-fm-saml2-nameid-info, sun-fm-saml2-nameid-infokey
<i>Schema File</i>	60-identity-store-ds-schema.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.2.148
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

sunPrinter

<i>Names</i>	sunPrinter
<i>Origin</i>	Solaris Specific
<i>Superior Classes</i>	top
<i>Description</i>	Sun printer information
<i>Optional Attributes</i>	sun-printer-bsdaddr, sun-printer-kvp
<i>Schema File</i>	05-solaris.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.14
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, printer-name

sunRealmService

This object class stores AM configuration data.

<i>Names</i>	sunRealmService
<i>Origin</i>	Sun Java System Identity Management
<i>Superior Classes</i>	top
<i>Description</i>	object containing service information for realms

<i>Optional Attributes</i>	description, labeledURI, o, sunKeyValue, sunxmlKeyValue
<i>Schema File</i>	60-config-schema.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.2.104
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

sunservice

This object class stores AM configuration data.

<i>Names</i>	sunservice
<i>Origin</i>	Sun Java System Identity Management
<i>Superior Classes</i>	top
<i>Description</i>	object containing service information
<i>Optional Attributes</i>	description, labeledURI, sunKeyValue, sunPluginSchema, sunServiceSchema, sunxmlKeyValue
<i>Schema File</i>	60-config-schema.ldif
<i>OID</i>	1.3.6.1.4.1.42.2.27.9.2.25
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, ou

sunservicecomponent

This object class stores AM configuration data.

<i>Names</i>	sunservicecomponent
<i>Origin</i>	Sun Java System Identity Management
<i>Superior Classes</i>	organizationalUnit
<i>Description</i>	Sub-components of the service
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, labeledURI, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, sunKeyValue, sunserviceID, sunsmspriority, sunxmlKeyValue, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Schema File</i>	60-config-schema.ldif

<i>OID</i>	1.3.6.1.4.1.42.2.27.9.2.27
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, ou

top

The top-level object class, which is the abstract parent of all structural object class hierarchies.

<i>Names</i>	top
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.0
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass

uddiAddress

This entry represents an address contained by a UDDI contact.

<i>Names</i>	uddiAddress
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiAddressLine, uddiLang, uddiSortCode, uddiTModelKey, uddiUseType, uddiv3TModelKey
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.3
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiUUID

uddiBindingTemplate

This entry represents a UDDI binding template.

<i>Names</i>	uddiBindingTemplate
<i>Origin</i>	RFC 4403

<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiAccessPoint, uddiCategoryBag, uddiDescription, uddiHostingRedirector, uddiServiceKey, uddiv3BindingKey, uddiv3DigitalSignature, uddiv3EntityCreationTime, uddiv3NodeId, uddiv3ServiceKey
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.5
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiBindingKey

uddiBusinessEntity

This entry represents a UDDI business entity.

<i>Names</i>	uddiBusinessEntity
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiAuthorizedName, uddiCategoryBag, uddiDescription, uddiDiscoveryURLs, uddiIdentifierBag, uddiOperator, uddiv3BusinessKey, uddiv3DigitalSignature, uddiv3EntityModificationTime, uddiv3NodeId
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.1
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiBusinessKey, uddiName

uddiBusinessService

This entry represents a UDDI business service.

<i>Names</i>	uddiBusinessService
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiBusinessKey, uddiCategoryBag, uddiDescription, uddiIsProjection, uddiName, uddiv3BusinessKey, uddiv3DigitalSignature, uddiv3EntityCreationTime, uddiv3EntityModificationTime, uddiv3NodeId, uddiv3ServiceKey
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.4

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiServiceKey

uddiContact

This entry represents a contact contained by a UDDI business entity.

<i>Names</i>	uddiContact
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiDescription, uddiEMail, uddiPhone, uddiUseType
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.2
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiPersonName, uddiUUID

uddiPublisherAssertion

This entry represents a UDDI publisher assertion.

<i>Names</i>	uddiPublisherAssertion
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiv3DigitalSignature, uddiv3NodeId
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.8
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiFromKey, uddiKeyedReference, uddiToKey, uddiUUID

uddiTModel

This entry represents a UDDI template model.

<i>Names</i>	uddiTModel
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<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiAuthorizedName, uddiCategoryBag, uddiDescription, uddiIdentifierBag, uddiIsHidden, uddiOperator, uddiOverviewDescription, uddiOverviewURL, uddiv3DigitalSignature, uddiv3NodeId, uddiv3TModelKey
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.7
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiName, uddiTModelKey

uddiTMModelInstanceInfo

This entry represents a UDDI template model instance info object.

<i>Names</i>	uddiTMModelInstanceInfo
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiDescription, uddiInstanceDescription, uddiInstanceParms, uddiOverviewDescription, uddiOverviewURL, uddiv3TModelKey
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.6
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiTModelKey

uddiv3EntityObituary

This entry represents a UDDI entity obituary that contains information for a deleted UDDIv3 entity.

<i>Names</i>	uddiv3EntityObituary
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiAuthorizedName, uddiv3EntityCreationTime, uddiv3EntityDeletionTime, uddiv3NodeId
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.10

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiUUID, uddiv3EntityKey

uddiv3Subscription

This entry represents a UDDI subscription entity.

<i>Names</i>	uddiv3Subscription
<i>Origin</i>	RFC 4403
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	uddiAuthorizedName, uddiv3BindingKey, uddiv3BriefResponse, uddiv3ExpiresAfter, uddiv3MaxEntities, uddiv3NodeId, uddiv3NotificationInterval, uddiv3SubscriptionKey
<i>Schema File</i>	03-uddiv3.ldif
<i>OID</i>	1.3.6.1.1.10.6.9
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiUUID, uddiv3SubscriptionFilter

uidObject

This object class permits the entry to contain user identification information.

<i>Names</i>	uidObject
<i>Origin</i>	RFC 4519
<i>Superior Classes</i>	top
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.1.3.1
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, uid

untypedObject

<i>Names</i>	untypedObject
<i>Origin</i>	draft-furuseth-ldap-untypedobject

<i>Superior Classes</i>	top
<i>Description</i>	Entry of no particular type
<i>Optional Attributes</i>	c, cn, dc, description, l, o, ou, owner, seeAlso, st, street, uid
<i>Schema File</i>	00-core.ldif
<i>OID</i>	1.3.6.1.4.1.26027.1.2.900
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

userSecurityInformation

Object class for augmenting entries with additional security information, as described in X.521 clause 6.16.

<i>Names</i>	userSecurityInformation
<i>Origin</i>	RFC 4523
<i>Superior Classes</i>	top
<i>Optional Attributes</i>	supportedAlgorithms
<i>Schema File</i>	00-core.ldif
<i>OID</i>	2.5.6.18
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

webauthnDeviceProfilesContainer

<i>Names</i>	webauthnDeviceProfilesContainer
<i>Origin</i>	OpenAM
<i>Superior Classes</i>	top
<i>Description</i>	Class containing WebAuthn device profiles
<i>Optional Attributes</i>	webauthnDeviceProfiles
<i>Schema File</i>	60-identity-store-ds-webauthndevices.ldif
<i>Interface Stability</i>	Internal use only. Do not remove or modify. Subject to change without notice.
<i>OID</i>	1.3.6.1.4.1.36733.2.2.2.12
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

Required Attributes

objectClass

Chapter 8

Syntaxes

This chapter covers schema definitions for syntaxes:

- "Attribute Type Description"
- "Authentication Password Syntax"
- "Binary"
- "Bit String"
- "Boolean"
- "Certificate"
- "Certificate List"
- "Certificate Pair"
- "Collective Conflict Behavior"
- "Counter metric"
- "Country String"
- "CSN (Change Sequence Number)"
- "Delivery Method"
- "Directory String"
- "DIT Content Rule Description"
- "DIT Structure Rule Description"
- "DN"
- "Duration in milli-seconds"
- "Enhanced Guide"
- "Expression syntax for Boolean"
- "Expression syntax for Certificate"
- "Expression syntax for Directory String"

- "Expression syntax for DN"
- "Expression syntax for Generalized Time"
- "Expression syntax for IA5 String"
- "Expression syntax for Integer"
- "Expression syntax for Numeric String"
- "Expression syntax for Octet String"
- "Expression syntax for OID"
- "Expression syntax for Sun-defined Access Control Information"
- "Expression syntax for User Password"
- "Facsimile Telephone Number"
- "Fax"
- "Filesystem path"
- "Generalized Time"
- "Guide"
- "Host port"
- "IA5 String"
- "Integer"
- "JPEG"
- "Json"
- "Json Query"
- "LDAP Syntax Description"
- "Matching Rule Description"
- "Matching Rule Use Description"
- "Name and Optional JSON"
- "Name and Optional UID"
- "Name Form Description"
- "Numeric String"
- "Object Class Description"

- "Octet String"
- "OID"
- "Other Mailbox"
- "Postal Address"
- "Presentation Address"
- "Printable String"
- "Protocol Information"
- "Size in bytes"
- "Substring Assertion"
- "Subtree Specification"
- "Summary metric"
- "Sun-defined Access Control Information"
- "Supported Algorithm"
- "Telephone Number"
- "Teletex Terminal Identifier"
- "Telex Number"
- "Timer metric"
- "User Password"
- "UTC Time"
- "UUID"
- "X.509 Certificate Exact Assertion"

Attribute Type Description

Values of this syntax define attribute types.

The syntax corresponds to the [AttributeTypeDescription](#) ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	Attribute Type Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.3

Authentication Password Syntax

Values of this syntax hold encoded or hashed passwords.

The syntax follows this ABNF:

```
authPasswordValue = w scheme s authInfo s authValue w
scheme = %x30-39 / %x41-5A / %x2D-2F / %x5F
; 0-9, A-Z, "-", ".", "/", or "_"
authInfo = schemeSpecificValue
authValue = schemeSpecificValue
schemeSpecificValue = *( %x21-23 / %x25-7E )
; printable ASCII less "$" and " "
s = w SEP w
w = *SP
SEP = %x24 ; "$"
SP = %x20 ; " " (space)
```

The `scheme` describes the mechanism.

The `authInfo` is often base64-encoded salt.

The `authValue` is often a base64-encoded value derived from the password(s).

<i>Origin</i>	RFC 3112
<i>Description</i>	Authentication Password Syntax
<i>OID</i>	1.3.6.1.4.1.4203.1.1.2

Binary

Values of this syntax hold binary values.

The values are BER-encoded instances of an attribute value ASN.1 data type for X.500, where the first byte inside the OCTET STRING wrapper is a tag octet, and the OCTET STRING is encoded in primitive form.

<i>Origin</i>	RFC 4517
<i>Description</i>	Binary
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.5

Bit String

Values of this syntax hold a sequence of binary digits.

The syntax follows this ABNF, corresponding to the BIT STRING ASN.1 type:

```
BitString = SQUOTE *binary-digit SQUOTE "B"
binary-digit = "0" / "1"
```

<i>Origin</i>	RFC 4517
<i>Description</i>	Bit String
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.6

Boolean

Values of this syntax hold a Boolean value, either **TRUE** or **FALSE**.

The syntax follows the BOOLEAN ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	Boolean
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.7

Certificate

Values of this syntax hold an X.509 certificate.

Request values using the binary option for the attribute description, such as **userCertificate;binary**.

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>Origin</i>	RFC 4523
<i>Description</i>	Certificate
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.8

Certificate List

Values of this syntax hold an X.509 **CertificateList** as described in X.509, clause 7.3.

Request values using the binary option for the attribute description, such as **certificateRevocationList;binary**.

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>Origin</i>	RFC 4523
---------------	----------

<i>Description</i>	Certificate List
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.9

Certificate Pair

Values of this syntax hold an X.509 [CertificatePair](#) as described in X.509, clause 11.2.3.

Request values using the binary option for the attribute description, such as [crossCertificatePair;binary](#).

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>Origin</i>	RFC 4523
<i>Description</i>	Certificate Pair
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.10

Collective Conflict Behavior

Values of this syntax indicate how to handle conflicts between real (stored) and virtual (computed) attribute values.

<i>Schema File</i>	00-core.ldif
<i>Description</i>	Collective Conflict Behavior
<i>Acceptable Values</i>	real-overrides-virtual, virtual-overrides-real, merge-real-and-virtual
<i>OID</i>	1.3.6.1.4.1.26027.1.3.6

Counter metric

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif
<i>Description</i>	Counter metric
<i>Substitute Syntax</i>	Integer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.10

Country String

Values of this syntax hold two-character country codes as defined in the ISO 3166 standard.

<i>Origin</i>	RFC 4517
<i>Description</i>	Country String
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.11

CSN (Change Sequence Number)

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif
<i>Description</i>	CSN (Change Sequence Number)
<i>Substitute Syntax</i>	Directory String
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.9

Delivery Method

Values of this syntax have values that are sequences of items that indicate the service(s) by which an entity can receive messages, in order of preference.

The syntax follows this ABNF:

```

DeliveryMethod = pdm *( WSP DOLLAR WSP pdm )
pdm             = "any" / "mhs" / "physical" / "telex" / "teletex" /
                "g3fax" / "g4fax" / "ia5" / "videotex" / "telephone"
WSP            = 0*SPACE ; zero or more " "
DOLLAR        = %x24 ; dollar sign ("$")
SPACE         = %x20 ; space (" ")
    
```

<i>Origin</i>	RFC 4517
<i>Description</i>	Delivery Method
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.14

Directory String

Values of this syntax hold strings of one or more arbitrary characters from the Universal Character Set (UCS). A zero-length character string is not permitted for this syntax.

LDAP encodes these values in UTF-8, as specified in RFC 3629.

Client applications must accept arbitrary UCS code points, including code points outside the printable range, and code points not presently assigned to any character.

<i>Origin</i>	RFC 4517
<i>Description</i>	Directory String
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.15

DIT Content Rule Description

Values of this syntax define DIT content rules.

The syntax corresponds to the [DITContentRuleDescription](#) ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	DIT Content Rule Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.16

DIT Structure Rule Description

Values of this syntax define DIT structure rules.

The syntax corresponds to the [DITStructureRuleDescription](#) ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	DIT Structure Rule Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.17

DN

Values of this syntax hold the distinguished name (DN) of an entry.

The syntax corresponds to the [DistinguishedName](#) ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	DN
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.12

Duration in milli-seconds

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

<i>Description</i>	Duration in milli-seconds
<i>Substitute Syntax</i>	Integer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.4

Enhanced Guide

Values of this syntax suggest criteria to be used in constructing filters to search for entries of a particular object class. The criteria are combinations of attribute types and filter operators.

For example, the value `person#(sn$EQ)#oneLevel` suggests searching for `person` entries with an equality filter to match `surname` (SN) attribute values with a scope of one level below the base DN.

The syntax follows this ABNF:

```

EnhancedGuide = object-class SHARP WSP criteria WSP
                SHARP WSP subset
object-class   = WSP oid WSP
subset         = "baseobject" / "oneLevel" / "wholeSubtree"

criteria       = and-term *( BAR and-term )
and-term       = term *( AMPERSAND term )
term           = EXCLAIM term /
                attributetype DOLLAR match-type /
                LPAREN criteria RPAREN /
                true /
                false
match-type     = "EQ" / "SUBSTR" / "GE" / "LE" / "APPROX"
true           = "?true"
false          = "?false"
BAR            = %x7C ; vertical bar ("|")
AMPERSAND      = %x26 ; ampersand("&")
EXCLAIM        = %x21 ; exclamation mark ("!")

WSP            = 0*SPACE ; zero or more " "
DOLLAR         = %x24 ; dollar sign ("$")
SPACE          = %x20 ; space (" ")
SHARP          = %x23 ; octothorpe (or sharp sign)("#")
LPAREN         = %x28 ; left paren "("
RPAREN         = %x29 ; right paren ")"

attributetype = oid
oid            = descr / numericoid
descr          = keystring
numericoid     = number 1*( DOT number )
keystring      = leadkeychar *keychar
leadkeychar    = ALPHA
keychar        = ALPHA / DIGIT / HYPHEN
number         = DIGIT / ( LDIGIT 1*DIGIT )
ALPHA          = %x41-5A / %x61-7A ; "A"- "Z" / "a"- "z"
DIGIT          = %x30 / LDIGIT ; "0"- "9"
LDIGIT         = %x31-39 ; "1"- "9"
HEX            = DIGIT / %x41-46 / %x61-66 ; "0"- "9" / "A"- "F" / "a"- "f"

```

The syntax corresponds to the [EnhancedGuide](#) ASN.1 type defined by X.520.

<i>Origin</i>	RFC 4517
<i>Description</i>	Enhanced Guide
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.21

Expression syntax for Boolean

Values of this syntax hold either a Boolean value, or a configuration expression that evaluates to a Boolean value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for Boolean
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.7

Expression syntax for Certificate

Values of this syntax hold either an X.509 certificate value, or a configuration expression that evaluates to an X.509 certificate value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for Certificate
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.8

Expression syntax for Directory String

Values of this syntax hold either an LDAP directory string value, or a configuration expression that evaluates to an LDAP directory string value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for Directory String
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.15

Expression syntax for DN

Values of this syntax hold either a DN value, or a configuration expression that evaluates to a DN value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for DN
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.12

Expression syntax for Generalized Time

Values of this syntax hold either a generalized time value, or a configuration expression that evaluates to a generalized time value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for Generalized Time
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.24

Expression syntax for IA5 String

Values of this syntax hold either an IA5 string value, or a configuration expression that evaluates to an IA5 string value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for IA5 String
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.26

Expression syntax for Integer

Values of this syntax hold either an integer value, or a configuration expression that evaluates to an integer value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for Integer
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.27

Expression syntax for Numeric String

Values of this syntax hold either a numeric string value, or a configuration expression that evaluates to a numeric string value.

<i>Origin</i>	OpenDJ Directory Server
---------------	-------------------------

<i>Description</i>	Expression syntax for Numeric String
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.36

Expression syntax for Octet String

Values of this syntax hold either an octet string value, or a configuration expression that evaluates to an octet string value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for Octet String
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.40

Expression syntax for OID

Values of this syntax hold either an OID value, or a configuration expression that evaluates to an OID value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for OID
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.38

Expression syntax for Sun-defined Access Control Information

Values of this syntax hold either an access control instruction, or a configuration expression that evaluates to an access control instruction.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for Sun-defined Access Control Information
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.14

Expression syntax for User Password

Values of this syntax hold either an encoded password value, or a configuration expression that evaluates to an encoded password value.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Expression syntax for User Password
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.11

Facsimile Telephone Number

Values of this syntax hold fax telephone numbers with optional additional fax parameters.

The syntax follows this ABNF:

```

fax-number      = telephone-number *( DOLLAR fax-parameter )
telephone-number = PrintableString
fax-parameter   = "twoDimensional" /
                  "fineResolution" /
                  "unlimitedLength" /
                  "b4Length" /
                  "a3Width" /
                  "b4Width" /
                  "uncompressed"
    
```

<i>Origin</i>	RFC 4517
<i>Description</i>	Facsimile Telephone Number
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.22

Fax

Values of this syntax hold fax images produced by the Group 3 facsimile process, as described in *Terminal Equipment and Protocols for Telematic Services*, ITU-T Recommendation T.4.

The ASN.1 type corresponds to this Fax syntax, assuming EXPLICIT TAGS:

```

Fax ::= CHOICE {
    g3-facsimile [3] G3FacsimileBodyPart
}
    
```

The `G3FacsimileBodyPart` ASN.1 type is defined by X.420.

<i>Origin</i>	RFC 4517
<i>Description</i>	Fax
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.23

Filesystem path

<i>Origin</i>	OpenDJ Directory Server
---------------	-------------------------

Schema File	02-config.ldif
Description	Filesystem path
Substitute Syntax	Directory String
OID	1.3.6.1.4.1.36733.2.1.3.8

Generalized Time

Values of this syntax hold generalized times, character strings representing a date and time.

The syntax follows this ABNF:

```

GeneralizedTime = century year month day hour
                  [ minute [ second / leap-second ] ]
                  [ fraction ]
                  g-time-zone

century = 2(%x30-39)                ; "00" to "99"
year    = 2(%x30-39)                ; "00" to "99"
month   = ( %x30 %x31-39 )          ; "01" (January) to "09"
         / ( %x31 %x30-32 )          ; "10" to "12"
day     = ( %x30 %x31-39 )          ; "01" to "09"
         / ( %x31-32 %x30-39 )       ; "10" to "29"
         / ( %x33 %x30-31 )          ; "30" to "31"
hour    = ( %x30-31 %x30-39 ) / ( %x32 %x30-33 ) ; "00" to "23"
minute  = %x30-35 %x30-39           ; "00" to "59"

second  = ( %x30-35 %x30-39 )       ; "00" to "59"
leap-second = ( %x36 %x30 )         ; "60"

fraction = ( DOT / COMMA ) 1*(%x30-39)
g-time-zone = %x5A                ; "Z"
           / g-differential
g-differential = ( MINUS / PLUS ) hour [ minute ]
MINUS          = %x2D              ; minus sign ("-")
PLUS           = %x2B              ; plus sign ("+")

```

Where the ABNF allows invalid times, such as Feb. 31, 2017, the values are considered invalid.

When the "Z" form of the time zone is used, the time value represents universal coordinated time. Otherwise, it represents a local time in the time zone indicated by the *g-differential*.

Example: `201702151036Z` meaning 10:36 AM, February 15, 2017 universal coordinated time.

The syntax corresponds to the *GeneralizedTime* ASN.1 type, with the exception that local times without a differential are not permitted.

Origin	RFC 4517
Description	Generalized Time

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.24
------------	-------------------------------

Guide

Values of this syntax suggest criteria to be used in constructing filters to search for entries of a particular object class. The criteria are combinations of attribute types and filter operators.

This syntax is considered obsolete, and should not be used when defining new attribute types. The alternative is [EnhancedGuide](#).

<i>Origin</i>	RFC 4517
<i>Description</i>	Guide
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.25

Host port

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif
<i>Description</i>	Host port
<i>Substitute Syntax</i>	Directory String
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.11

IA5 String

Values of this syntax hold strings of zero or more characters from International Alphabet 5 (IA5), the international version of the ASCII character set. The set is defined in *International Reference Alphabet (IRA) (Formerly International Alphabet No. 5 or IA5) Information Technology - 7-Bit Coded Character Set for Information Interchange*, ITU-T Recommendation T.50.

The syntax follows this ABNF:

```
IA5String = *(%x00-7F)
```

The syntax corresponds to the [IA5String](#) ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	IA5 String
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.26

Integer

Values of this syntax hold whole numbers of unlimited magnitude.

The syntax follows this ABNF:

```
Integer = ( HYPHEN LDIGIT *DIGIT ) / number
number  = DIGIT / ( LDIGIT 1*DIGIT )
HYPHEN  = %x2D                               ; hyphen ("-")
DIGIT   = %x30 / LDIGIT                       ; "0"-"9"
LDIGIT  = %x31-39                             ; "1"-"9"
```

The syntax corresponds to the **INTEGER** ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	Integer
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.27

JPEG

Values of this syntax hold images in the JPEG File Interchange Format (JFIF), as described in *JPEG File Interchange Format (Version 1.02)*. The values are the sequence of octets of the JFIF encoding.

The syntax corresponds to the following ASN.1 type:

```
JPEG ::= OCTET STRING (CONSTRAINED BY
    { -- contents octets are an image in the --
      -- JPEG File Interchange Format -- })
```

<i>Origin</i>	RFC 4517
<i>Description</i>	JPEG
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.28

Json

Values of this syntax hold JavaScript Object Notation (JSON) documents.

The syntax is specified in RFC 7159.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Json
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.1

Json Query

Values of this syntax hold ForgeRock® Common REST JSON Query filter strings. See the directory documentation for details.

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Json Query
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.2

LDAP Syntax Description

Values of this syntax define LDAP syntaxes.

The syntax corresponds to the following ASN.1 type:

```
LDAPSyntaxDescription ::= SEQUENCE {
    identifier      OBJECT IDENTIFIER,
    description     DirectoryString { ub-schema } OPTIONAL }
```

`DirectoryString` is defined in X.520. The integer value of `ub-schema` depends on the implementation.

<i>Origin</i>	RFC 4517
<i>Description</i>	LDAP Syntax Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.54

Matching Rule Description

Values of this syntax define matching rules.

The syntax corresponds to the `MatchingRuleDescription` ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	Matching Rule Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.30

Matching Rule Use Description

Values of this syntax define matching rule uses.

The syntax corresponds to the [MatchingRuleUseDescription](#) ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	Matching Rule Use Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.31

Name and Optional JSON

Values of this syntax hold a DN optionally prepended with a JSON object. Examples:

```
attribute: uid=bjensen,ou=people,dc=example,dc=com
attribute: {"json": "value"}uid=bjensen,ou=people,dc=example,dc=com
```

<i>Origin</i>	OpenDJ Directory Server
<i>Description</i>	Name and Optional JSON
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.12

Name and Optional UID

Values of this syntax hold a DN followed by an optional unique identifier to distinguish the name from others with the same DN.

The syntax follows this ABNF:

```
NameAndOptionalUID = distinguishedName [ SHARP BitString ]
```

Example: `uid=bjensen,ou=people,dc=example,dc=com#'0101'B`.

The syntax corresponds to the [NameAndOptionalUID](#) ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	Name and Optional UID
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.34

Name Form Description

Values of this syntax define name forms.

The syntax corresponds to the [NameFormDescription](#) ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	Name Form Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.35

Numeric String

Values of this syntax hold sequences of one or more numerals and spaces.

The syntax follows this ABNF:

```
NumericString = 1*(DIGIT / SPACE)
```

Example: 123 456 789 0.

The syntax corresponds to the `NumericString` ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	Numeric String
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.36

Object Class Description

Values of this syntax define object classes.

The syntax corresponds to the `ObjectClassDescription` ASN.1 type defined by X.501.

<i>Origin</i>	RFC 4517
<i>Description</i>	Object Class Description
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.37

Octet String

Values of this syntax hold sequences of zero or more arbitrary octets.

The syntax follows this ABNF:

```
OctetString = *OCTET
OCTET      = %x00-FF ; Any octet (8-bit data unit)
```

The syntax corresponds to the **OCTET STRING** ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	Octet String
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.40

OID

Values of this syntax hold Object Identifiers (OID), sequences of two or more non-negative integers that uniquely identify some object or item of specification.

Examples: **1.2.3.4**, **cn**.

The syntax corresponds to the **OBJECT IDENTIFIER** ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	OID
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.38

Other Mailbox

Values of this syntax hold electronic mail addresses for a particular mail system.

The syntax follows this ABNF:

```
OtherMailbox = mailbox-type DOLLAR mailbox
mailbox-type = PrintableString
mailbox      = IA5String
```

The **mailbox-type** identifies the mail system. The **mailbox** identifies the mail box within the system.

The syntax corresponds to this ASN.1 type, assuming EXPLICIT TAGS:

```
OtherMailbox ::= SEQUENCE {
    mailboxType PrintableString,
    mailbox     IA5String
}
```

<i>Origin</i>	RFC 4517
<i>Description</i>	Other Mailbox
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.39

Postal Address

Values of this syntax hold sequences of strings of one or more arbitrary UCS characters, which form an address in a physical mail system.

The syntax follows this ABNF:

```
PostalAddress = line *( DOLLAR line )
line          = 1*line-char
line-char    = %x00-23
              / (%x5C "24") ; escaped "$"
              / %x25-5B
              / (%x5C "5C") ; escaped "\"
              / %x5D-7F
              / UTFMB

DOLLAR       = %x24 ; dollar sign ("$$")
UTFMB        = UTF2 / UTF3 / UTF4
UTF1         = %x00-7F
UTF2         = %xC2-DF UTF0
UTF3         = %xE0 %xA0-BF UTF0 / %xE1-EC 2(UTF0) /
              %xED %x80-9F UTF0 / %xEE-EF 2(UTF0)
UTF4         = %xF0 %x90-BF 2(UTF0) / %xF1-F3 3(UTF0) /
              %xF4 %x80-8F 2(UTF0)
```

Example: `1234 Main St.$Anytown, CA 12345$USA.`

The syntax corresponds to the `PostalAddress` ASN.1 type:

```
PostalAddress ::= SEQUENCE SIZE(1..ub-postal-line) OF
  DirectoryString { ub-postal-string }
```

The integers `ub-postal-line` and `ub-postal-string` depend on the implementation. The syntax is defined in X.520.

<i>Origin</i>	RFC 4517
<i>Description</i>	Postal Address
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.41

Presentation Address

Values of this syntax hold presentation addresses used when addressing other OSI application entities.

The syntax is described in RFC 1278, *A string encoding of Presentation Address*. However, this implementation treats the syntax exactly like `DirectoryString` syntax.

<i>Origin</i>	RFC 2252
<i>Description</i>	Presentation Address
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.43

Printable String

Values of this syntax hold strings of one or more latin alphabetic, numeric, and selected punctuation characters as described by the following ABNF:

```

PrintableString = 1*PrintableCharacter
PrintableCharacter = ALPHA / DIGIT / SQUOTE / LPAREN / RPAREN /
    PLUS / COMMA / HYPHEN / DOT / EQUALS /
    SLASH / COLON / QUESTION / SPACE
ALPHA = %x41-5A / %x61-7A ; "A"- "Z" / "a"- "z"
DIGIT = %x30 / LDIGIT ; "0"- "9"
LDIGIT = %x31-39 ; "1"- "9"
SPACE = %x20 ; space (" ")
SQUOTE = %x27 ; single quote ("'")
LPAREN = %x28 ; left paren ("(")
RPAREN = %x29 ; right paren (")")
PLUS = %x2B ; plus sign ("+")
COMMA = %x2C ; comma (",")
HYPHEN = %x2D ; hyphen ("-")
DOT = %x2E ; period (".")
EQUALS = %x3D ; equals sign ("=")
SLASH = %x2F ; forward slash ("/")
COLON = %x3A ; colon (":")
QUESTION = %x3F ; question mark ("?")

```

The syntax corresponds to the [PrintableString](#) ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	Printable String
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.44

Protocol Information

According to X.520, Values of this syntax hold protocol information for network addresses in a presentation address.

This was referenced but not defined in the LDAP specifications. As a result, this syntax is treated like that of Directory String.

<i>Origin</i>	RFC 2252
<i>Description</i>	Protocol Information

OID	1.3.6.1.4.1.1466.115.121.1.42
-----	-------------------------------

Size in bytes

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif
<i>Description</i>	Size in bytes
<i>Substitute Syntax</i>	Integer
OID	1.3.6.1.4.1.36733.2.1.3.5

Substring Assertion

Values of this syntax hold sequences of zero or more character substrings used as an argument for substring extensible matching of character string attribute values.

Such are the match values of matching rule assertions. They are not used in attribute values or in a substring filter.

Each substring is a string of one or more characters from the Universal Character Set (UCS). Zero-length substrings are not permitted.

Values follow this ABNF:

```

SubstringAssertion = [ initial ] any [ final ]

initial = substring
any = ASTERISK *(substring ASTERISK)
final = substring
ASTERISK = %x2A ; asterisk ("*")

substring = 1*substring-character
substring-character = %x00-29
                    / (%x5C "2A") ; escaped "*"
                    / %x2B-5B
                    / (%x5C "5C") ; escaped "\"
                    / %x5D-7F
                    / UTFMB

UTFMB = UTF2 / UTF3 / UTF4
UTF1 = %x00-7F
UTF2 = %xC2-DF UTF0
UTF3 = %xE0 %xA0-BF UTF0 / %xE1-EC 2(UTF0) /
      %xED %x80-9F UTF0 / %xEE-EF 2(UTF0)
UTF4 = %xF0 %x90-BF 2(UTF0) / %xF1-F3 3(UTF0) /
      %xF4 %x80-8F 2(UTF0)

```

The syntax corresponds to the [SubstringAssertion](#) ASN.1 type defined in X.520.

<i>Origin</i>	RFC 4517
<i>Description</i>	Substring Assertion
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.58

Subtree Specification

<i>Description</i>	Subtree Specification
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.45

Summary metric

JSON object metric that samples observations, providing a count of observations, sum total of observed amounts, average rate of events, and moving average rates across sliding time windows.

Summary values have the following fields:

```
{
  "count": (number) events recorded for this metric,
  "total": (number) sum of the amounts of events recorded for this metric,
  "mean_rate": (number) average rate,
  "m1_rate": (number) one-minute average rate,
  "m5_rate": (number) five-minute average rate,
  "m15_rate": (number) fifteen-minute average rate
}
```

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif
<i>Description</i>	Summary metric
<i>Substitute Syntax</i>	Json
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.7

Sun-defined Access Control Information

Values of this syntax hold Access Control Instructions (ACI). See the directory documentation for details.

<i>Description</i>	Sun-defined Access Control Information
<i>OID</i>	1.3.6.1.4.1.26027.1.3.4

Supported Algorithm

Values of this syntax hold X.509 `SupportedAlgorithms`, as described in X.509, clause 11.2.7.

Request values using the binary option for the attribute description, such as `supportedAlgorithms;binary`.

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>Origin</i>	RFC 4523
<i>Description</i>	Supported Algorithm
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.49

Telephone Number

Values of this syntax hold telephone numbers, strings of printable characters, as in `PrintableString`, that comply with the internationally agreed format for representing international telephone numbers.

Examples: `+1 415 555 1212`, `+1-415-555-1212`.

The syntax corresponds to the following ASN.1 type from X.520:

```
PrintableString (SIZE(1..ub-telephone-number))
```

The integer value of `ub-telephone-number` depends on the implementation.

<i>Origin</i>	RFC 4517
<i>Description</i>	Telephone Number
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.50

Teletex Terminal Identifier

Values of this syntax hold identifiers and, optionally, parameters of teletex terminals.

Values follow this ABNF:

```

teletex-id = ttx-term *(DOLLAR ttx-param)
ttx-term   = PrintableString           ; terminal identifier
ttx-param  = ttx-key COLON ttx-value  ; parameter
ttx-key    = "graphic" / "control" / "misc" / "page" / "private"
ttx-value  = *ttx-value-octet
ttx-value-octet = %x00-23
              / (%x5C "24") ; escaped "$"
              / %x25-5B
              / (%x5C "5C") ; escaped "\"
              / %x5D-FF

DOLLAR      = %x24 ; dollar sign ("$$")
PrintableString = 1*PrintableCharacter
PrintableCharacter = ALPHA / DIGIT / SQUOTE / LPAREN / RPAREN /
                  PLUS / COMMA / HYPHEN / DOT / EQUALS /
                  SLASH / COLON / QUESTION / SPACE

ALPHA       = %x41-5A / %x61-7A ; "A"- "Z" / "a"- "z"
DIGIT       = %x30 / LDIGIT ; "0"- "9"
LDIGIT      = %x31-39 ; "1"- "9"
SPACE       = %x20 ; space (" ")
SQUOTE      = %x27 ; single quote ("'")
LPAREN      = %x28 ; left paren ("(")
RPAREN      = %x29 ; right paren (")")
PLUS        = %x2B ; plus sign ("+")
COMMA       = %x2C ; comma (",")
HYPHEN      = %x2D ; hyphen (".")
DOT         = %x2E ; period (".")
EQUALS      = %x3D ; equals sign ("=")
SLASH       = %x2F ; forward slash ("/")
COLON       = %x3A ; colon (":")
QUESTION    = %x3F ; question mark ("?")

```

The syntax corresponds to the [TeletexTerminalIdentifier](#) ASN.1 type defined in X.520.

<i>Origin</i>	RFC 4517
<i>Description</i>	Teletex Terminal Identifier
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.51

Telex Number

Values of this syntax hold the telex number, country code, and answerback code of a telex terminal.

The syntax follows this ABNF:


```

telex-number = actual-number DOLLAR country-code DOLLAR answerback
actual-number = PrintableString
country-code = PrintableString
answerback = PrintableString

DOLLAR = %x24 ; dollar sign ("$$")
PrintableString = 1*PrintableCharacter
PrintableCharacter = ALPHA / DIGIT / SQUOTE / LPAREN / RPAREN /
PLUS / COMMA / HYPHEN / DOT / EQUALS /
SLASH / COLON / QUESTION / SPACE
ALPHA = %x41-5A / %x61-7A ; "A"- "Z" / "a"- "z"
DIGIT = %x30 / LDIGIT ; "0"- "9"
LDIGIT = %x31-39 ; "1"- "9"
SPACE = %x20 ; space (" ")
SQUOTE = %x27 ; single quote ("'")
LPAREN = %x28 ; left paren ("(")
RPAREN = %x29 ; right paren (")")
PLUS = %x2B ; plus sign ("+")
COMMA = %x2C ; comma (",")
HYPHEN = %x2D ; hyphen ("-")
DOT = %x2E ; period (".")
EQUALS = %x3D ; equals sign ("=")
SLASH = %x2F ; forward slash ("/")
COLON = %x3A ; colon (":")
QUESTION = %x3F ; question mark ("?")

```

The syntax corresponds to the **TelexNumber** ASN.1 type, defined in X.520.

<i>Origin</i>	RFC 4517
<i>Description</i>	Telex Number
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.52

Timer metric

JSON object metric combining a summary with other statistics.

Timer values have the following fields:

```
{
  "count": (number) events recorded for this metric,
  "total": (number) sum of the durations of events recorded for this metric,
  "mean_rate": (number) average rate,
  "m1_rate": (number) one-minute average rate,
  "m5_rate": (number) five-minute average rate,
  "m15_rate": (number) fifteen-minute average rate,
  "mean": (number) total/count, or 0 if count is 0,
  "min": (number) minimum duration recorded,
  "max": (number) maximum duration recorded,
  "stddev": (number) standard deviation of recorded durations,
  "p50": (number) 50% at or below this value,
  "p75": (number) 75% at or below this value,
  "p95": (number) 95% at or below this value,
  "p98": (number) 98% at or below this value,
  "p99": (number) 99% at or below this value,
  "p999": (number) 99.9% at or below this value,
  "p9999": (number) 99.99% at or below this value,
  "p99999": (number) 99.999% at or below this value
}
```

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif
<i>Description</i>	Timer metric
<i>Substitute Syntax</i>	Json
<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.6

User Password

Values of this syntax hold user passwords in encoded form.

A value is formatted as *{scheme}encoded-value*, where the *scheme* is the password storage scheme, and *encoded-value* is the value encoded or hashed according to the storage scheme.

Cleartext passwords are octet strings.

<i>Origin</i>	OpenDS Directory Server
<i>Description</i>	User Password
<i>OID</i>	1.3.6.1.4.1.26027.1.3.1

UTC Time

Values of this syntax hold character strings representing a date and time to a precision of one minute or one second.

This syntax is deprecated. For new attributes, use [GeneralizedTime](#) instead.

The syntax follows this ABNF:

```

UTCTime      = year month day hour minute [ second ] [ u-time-zone ]
u-time-zone  = %x5A                               ; "Z"
              / u-differential
u-differential = ( MINUS / PLUS ) hour minute

century = 2(%x30-39)                               ; "00" to "99"
year    = 2(%x30-39)                               ; "00" to "99"
month   = ( %x30 %x31-39 )                         ; "01" (January) to "09"
        / ( %x31 %x30-32 )                         ; "10" to "12"
day     = ( %x30 %x31-39 )                         ; "01" to "09"
        / ( %x31-32 %x30-39 )                      ; "10" to "29"
        / ( %x33 %x30-31 )                         ; "30" to "31"
hour    = ( %x30-31 %x30-39 ) / ( %x32 %x30-33 ) ; "00" to "23"
minute  = %x30-35 %x30-39                         ; "00" to "59"

second    = ( %x30-35 %x30-39 )                   ; "00" to "59"
leap-second = ( %x36 %x30 )                       ; "60"

fraction   = ( DOT / COMMA ) 1*(%x30-39)
MINUS      = %x2D                                  ; minus sign ("-")
PLUS       = %x2B                                  ; plus sign ("+")
    
```

Where the ABNF allows invalid times, such as Feb. 31, 2017, the values are considered invalid.

When the "Z" form of the time zone is used, the time value represents universal coordinated time. Otherwise, it represents a local time in the time zone indicated by the [u-differential](#).

The syntax corresponds to the [UTCTime](#) ASN.1 type.

<i>Origin</i>	RFC 4517
<i>Description</i>	UTC Time
<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.53

UUID

Values of this syntax hold 16-octet (128-bit) strings, constrained to the namespace specified in RFC 4122, that identify an object. Values are encoded using the ASCII representation.

Example: [597ae2f6-16a6-1027-98f4-d28b5365dc14](#).

<i>Origin</i>	RFC 4530
<i>Description</i>	UUID
<i>OID</i>	1.3.6.1.1.16.1

X.509 Certificate Exact Assertion

Values of this syntax hold an X.509 `CertificateExactAssertion` as described in X.509, clause 11.3.1.

Values are encoded using Generic String Encoding Rules, specified in RFC 3641. The syntax follows this ABNF:

```
CertificateExactAssertion = "{" sp cea-serialNumber "," sp cea-issuer sp "}"
cea-serialNumber = id-serialNumber msp CertificateSerialNumber
cea-issuer = id-issuer msp Name

id-serialNumber = %x73.65.72.69.61.6C.4E.75.6D.62.65.72 ; 'serialNumber'
id-issuer = %x69.73.73.75.65.72 ; 'issuer'

Name = id-rdnSequence ":" RDNSequence
id-rdnSequence = %x72.64.6E.53.65.71.75.65.6E.63.65 ; 'rdnSequence'

CertificateSerialNumber = INTEGER
```

<i>Origin</i>	RFC 4523
<i>Description</i>	X.509 Certificate Exact Assertion
<i>OID</i>	1.3.6.1.1.15.1