FORGEROCK®

LDAP Schema Reference

/ Directory Services 6.5

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Abstract

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

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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

aci

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

OID	2.16.840.1.113730.3.1.55
Names	aci
Description	Sun-defined access control information attribute type
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Sun-defined Access Control Information
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	Sun Java System Directory Server
Schema File	00-core.ldif

aclRights

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

OID	1.3.6.1.4.1.42.2.27.9.1.39
Names	aclRights
Description	Sun-defined access control effective rights attribute type
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	false

Usage	directoryOperation
Origin	Sun Java System Directory Server
Schema File	00-core.ldif

aclRightsInfo

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

OID	1.3.6.1.4.1.42.2.27.9.1.40
Names	aclRightsInfo
Description	Sun-defined access control effective rights information attribute type
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	Sun Java System Directory Server
Schema File	00-core.ldif

administratorsAddress

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

OID	1.3.6.1.4.1.1466.101.120.1
Names	administratorsAddress
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	directoryOperation
Origin	draft-wahl-ldap-adminaddr
Schema File	00-core.ldif

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.

OID	2.5.4.1
Names	aliasedObjectName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4512
Schema File	00-core.ldif
Used By	alias

alive

OID	1.3.6.1.4.1.36733.2.1.1.507
Names	alive
Description	Indicates whether the server is alive
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	false
Usage	dSAOperation
Origin	OpenDJ Directory Server

Schema File	00-core.ldif

altServer

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

OID	1.3.6.1.4.1.1466.101.120.6
Names	altServer
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 4512
Schema File	00-core.ldif

aRecord

A type A (address) DNS resource record.

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

assignedDashboard

OID	1.3.6.1.4.1.36733.2.2.1.3.1
Names	assignedDashboard
Description	Dashboard App registry
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-dashboard.ldif
Used By	forgerock-am-dashboard-service

associatedDomain

An attribute for specifying DNS host names 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 (".")
```

OID	0.9.2342.19200300.100.1.37
Names	associatedDomain
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreIA5SubstringsMatch
Syntax	IA5 String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	domainRelatedObject

associatedName

DNs of entries associated with a DNS domain.

OID	0.9.2342.19200300.100.1.38
Names	associatedName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	dNSDomain, domain, rFC822LocalPart

attributeMap

OID	1.3.6.1.4.1.11.1.3.1.1.9
Names	attributeMap
Description	Attribute mappings used, required, or supported by an agent or service
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

attributeTypes

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

OID	2.5.21.5
Names	attributeTypes
Equality Matching Rule	objectIdentifierFirstComponentMatch
Syntax	Attribute Type Description
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif
Used By	subschema

audio

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

OID	0.9.2342.19200300.100.1.55
Names	audio
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotObject

authenticationMethod

OID	1.3.6.1.4.1.11.1.3.1.1.6
Names	authenticationMethod
Description	Identifies the types of authentication methods either used, required, or provided by a service or peer
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

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`.

OID	2.5.4.38
Names	authorityRevocationList
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Certificate List
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	RFC 4523
Schema File	00-core.ldif
Used By	cRLDistributionPoint, certificationAuthority, certificationAuthority-V2, pkiCA

authPassword

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

OID	1.3.6.1.4.1.4203.1.3.4
Names	authPassword
Description	password authentication information
Equality Matching Rule	authPasswordExactMatch
Syntax	Authentication Password Syntax
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3112
Schema File	03-rfc3112.ldif
Used By	authPasswordObject, ipHost, posixAccount, posixGroup, shadowAccount

automountInformation

OID	1.3.6.1.1.1.1.33
Names	automountInformation
Description	Automount information
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactIA5SubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	automount

automountKey

OID	1.3.6.1.1.1.1.32
Names	automountKey
Description	Automount Key value
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactIA5SubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	automount

automountMapName

OID	1.3.6.1.1.1.1.31
Names	automountMapName
Description	automount Map Name
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactIA5SubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	automountMap

bindTimeLimit

OID	1.3.6.1.4.1.11.1.3.1.1.4
Names	bindTimeLimit
Description	Maximum time an agent or service allows for a bind operation to complete
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

blockInheritance

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

Used By	inheritableLDAPSubEntry

bootFile

OID	1.3.6.1.1.1.1.24
Names	bootFile
Description	Boot image name
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	bootableDevice

bootParameter

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

buildingName

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

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

businessCategory

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

OID	2.5.4.15
Names	businessCategory
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson,

organization, organizationalUnit, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, sunservicecomponent

c-FacsimileTelephoneNumber

Fax phone number for a collection of entries.

OID	2.5.4.23.1
Names	c-FacsimileTelephoneNumber
Superior Type	facsimileTelephoneNumber
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Facsimile Telephone Number
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-InternationalISDNNumber

ISDN address for a collection of entries.

OID	2.5.4.25.1
Names	c-InternationalISDNNumber
Superior Type	internationaliSDNNumber
Equality Matching Rule	numericStringMatch
Ordering Matching Rule	numericStringOrderingMatch
Substring Matching Rule	numericStringSubstringsMatch
Syntax	Numeric String
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-l

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

OID	2.5.4.7.1
Names	c-l
Superior Type	l
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-o

Organization name for a collection of entries.

OID	2.5.4.10.1
Names	c-o
Superior Type	o
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
Collective	true

User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-ou

Organizational unit name for a collection of entries.

OID	2.5.4.11.1
Names	c-ou
Superior Type	ou
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-PhysicalDeliveryOfficeName

Post office for a collection of entries.

OID	2.5.4.19.1
Names	c-PhysicalDeliveryOfficeName
Superior Type	physicalDeliveryOfficeName
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-PostalAddress

Postal address for a collection of entries.

OID	2.5.4.16.1
Names	c-PostalAddress
Superior Type	postalAddress
Equality Matching Rule	caseIgnoreListMatch
Substring Matching Rule	caseIgnoreListSubstringsMatch
Syntax	Postal Address
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-PostalCode

Postal code for a collection of entries.

OID	2.5.4.17.1
Names	c-PostalCode
Superior Type	postalCode
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-PostOfficeBox

Postal box identifier for a collection of entries.

OID	2.5.4.18.1
Names	c-PostOfficeBox
Superior Type	postOfficeBox
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-st

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

OID	2.5.4.8.1
Names	c-st
Superior Type	st
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-street

Street address for a collection of entries.

OID	2.5.4.9.1
Names	c-street
Superior Type	street
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
Collective	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3671
Schema File	00-core.ldif

c-TelephoneNumber

Phone number for a collection of entries.

OID	2.5.4.20.1
Names	c-TelephoneNumber

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

c-TelexNumber

Telex terminal number for a collection of entries.

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

C

Two-letter ISO 3166 country code.

OID	2.5.4.6

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

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`.

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

calCalAdrURI

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

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

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.

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

calCAPURI

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

OID	1.2.840.113556.1.4.480
Names	calCAPURI
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2739
Schema File	03-rfc2739.ldif
Used By	calEntry

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.

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

calOtherCalAdrURIs

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

OID	1.2.840.113556.1.4.485
Names	calOtherCalAdrURIs
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2739
Schema File	03-rfc2739.ldif
Used By	calEntry

calOtherCalURIs

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

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

calOtherCAPURIs

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

OID	1.2.840.113556.1.4.484
Names	calOtherCAPURIs
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2739
Schema File	03-rfc2739.ldif
Used By	calEntry

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.

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

carLicense

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

OID	2.16.840.1.113730.3.1.1
Names	carLicense
Description	vehicle license or registration plate
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

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`.

OID	2.5.4.39
Names	certificateRevocationList
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Certificate List
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4523
Schema File	00-core.ldif

Used By	cRLDistributionPoint, certificationAuthority, certificationAuthority-V2, pkiCA

changeInitiatorsName

Points to the entry that initiated the modification.

OID	1.3.6.1.4.1.26027.1.1.604
Names	changeInitiatorsName
Description	The initiator user of the change
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	03-changelog.ldif

changelog

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

changeLogCookie

Opaque unique identifier for a change in distributed replication changelog.

OID	1.3.6.1.4.1.26027.1.1.591
Names	changeLogCookie
Description	The OpenDS opaque cookie for the External Changelog
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	03-changelog.ldif

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 `dsreplication 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.

OID	2.16.840.1.113730.3.1.5
Names	changeNumber
Description	a number which uniquely identifies a change made to a directory entry
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch

Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-good-ldap-changelog
Schema File	03-changelog.ldif
Used By	changeLogEntry

changes

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

changeTime

Indicates when an entry was changed for replication.

OID	2.16.840.1.113730.3.1.77
Names	changeTime
Description	the time when the change was processed
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Sun Directory Server
Schema File	03-changelog.ldif
Used By	changeLogEntry

changeType

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

- add

- delete

- modify

- modrdn

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

cn

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

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

OID	2.5.4.3
Names	cn, commonName
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	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-http-connection-handler, ds-monitor-ldap-connection-handler, fr-idm-internal-role, fr-idm-managed-user-explicit, 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, ds-cfg-access-control-handler, ds-cfg-access-log-filtering-criteria, ds-cfg-access-log-publisher, ds-cfg-account-status-notification-handler, ds-cfg-administration-connector, ds-cfg-aes-password-storage-scheme, ds-cfg-alert-handler, ds-cfg-anonymous-sasl-mechanism-handler, ds-cfg-attribute-cleanup-plugin, ds-cfg-attribute-value-password-validator, ds-cfg-authentication-policy, ds-cfg-base64-password-storage-scheme, ds-cfg-bcrypt-password-storage-scheme, ds-cfg-blind-trust-manager-provider, ds-cfg-blowfish-password-storage-scheme, ds-cfg-branch, ds-cfg-cancel-extended-operation-handler, ds-cfg-certificate-mapper, ds-cfg-change-number-control-plugin, ds-cfg-character-set-password-validator, ds-cfg-clear-password-storage-scheme, ds-cfg-collective-attribute-subentries-virtual-attribute, ds-cfg-common-audit-access-log-publisher, ds-cfg-connection-handler, ds-cfg-core-schema, ds-cfg-cram-md5-sasl-mechanism-handler, ds-cfg-crypt-password-storage-scheme, ds-cfg-crypto-manager, ds-cfg-csv-file-access-log-publisher, ds-cfg-csv-file-http-access-log-publisher, ds-cfg-debug-log-publisher, ds-cfg-dictionary-password-validator, ds-cfg-digest-md5-sasl-mechanism-handler, ds-cfg-dsee-compat-access-control-handler, ds-cfg-dynamic-group-implementation, ds-cfg-entity-tag-virtual-attribute, ds-cfg-entry-cache, ds-cfg-entry-dn-virtual-

attribute, ds-cfg-entry-uuid-plugin, ds-cfg-entry-uuid-virtual-attribute, ds-cfg-error-log-account-status-notification-handler, ds-cfg-error-log-publisher, ds-cfg-exact-match-identity-mapper, ds-cfg-extended-operation-handler, ds-cfg-extension, ds-cfg-external-access-log-publisher, ds-cfg-external-changelog-domain, ds-cfg-external-http-access-log-publisher, ds-cfg-external-sasl-mechanism-handler, ds-cfg-fifo-entry-cache, ds-cfg-file-based-access-log-publisher, ds-cfg-file-based-audit-log-publisher, ds-cfg-file-based-debug-log-publisher, ds-cfg-file-based-error-log-publisher, ds-cfg-file-based-http-access-log-publisher, ds-cfg-file-based-key-manager-provider, ds-cfg-file-based-trust-manager-provider, ds-cfg-file-count-log-retention-policy, ds-cfg-file-system-entry-cache, ds-cfg-fingerprint-certificate-mapper, ds-cfg-fixed-time-log-rotation-policy, ds-cfg-fractional-ldif-import-plugin, ds-cfg-free-disk-space-log-retention-policy, ds-cfg-get-connection-id-extended-operation-handler, ds-cfg-get-symmetric-key-extended-operation-handler, ds-cfg-global-access-control-policy, ds-cfg-governing-structure-rule-virtual-attribute, ds-cfg-graphite-monitor-reporter-plugin, ds-cfg-group-implementation, ds-cfg-gssapi-sasl-mechanism-handler, ds-cfg-has-subordinates-virtual-attribute, ds-cfg-http-access-log-publisher, ds-cfg-http-anonymous-authorization-mechanism, ds-cfg-http-authorization-mechanism, ds-cfg-http-basic-authorization-mechanism, ds-cfg-http-connection-handler, ds-cfg-http-oauth2-authorization-mechanism, ds-cfg-http-oauth2-cts-authorization-mechanism, ds-cfg-http-oauth2-file-authorization-mechanism, ds-cfg-http-oauth2-openam-authorization-mechanism, ds-cfg-http-oauth2-token-introspection-authorization-mechanism, ds-cfg-identity-mapper, ds-cfg-is-member-of-virtual-attribute, ds-cfg-jmx-alert-handler, ds-cfg-jmx-connection-handler, ds-cfg-json-equality-matching-rule, ds-cfg-json-file-access-log-publisher, ds-cfg-json-file-http-access-log-publisher, ds-cfg-json-ordering-matching-rule, ds-cfg-json-query-equality-matching-rule, ds-cfg-jvm-key-manager-provider, ds-cfg-jvm-trust-manager-provider, ds-cfg-key-manager-provider, ds-cfg-last-mod-plugin, ds-cfg-ldap-attribute-description-list-plugin, ds-cfg-ldap-connection-handler, ds-cfg-ldap-key-manager-provider, ds-cfg-ldap-pass-through-authentication-policy, ds-cfg-ldap-trust-manager-provider, ds-cfg-ldif-connection-handler, ds-cfg-length-based-password-validator, ds-cfg-local-backend-workflow-element, ds-cfg-log-publisher, ds-cfg-log-retention-policy, ds-cfg-log-rotation-policy, ds-cfg-md5-password-storage-scheme, ds-cfg-member-virtual-attribute, ds-cfg-network-group, ds-cfg-network-group-plugin, ds-cfg-num-subordinates-virtual-attribute, ds-cfg-password-expiration-time-virtual-attribute, ds-cfg-password-generator, ds-cfg-password-modify-extended-operation-handler, ds-cfg-password-policy, ds-cfg-password-policy-import-plugin, ds-cfg-password-policy-state-extended-operation-handler, ds-cfg-password-policy-subentry-virtual-attribute, ds-cfg-password-storage-scheme, ds-cfg-password-validator, ds-cfg-pbkdf2-password-storage-scheme, ds-cfg-pkcs11-key-manager-provider, ds-cfg-pkcs11-trust-manager-provider, ds-cfg-pkcs5s2-password-storage-scheme, ds-cfg-plain-sasl-mechanism-handler, ds-cfg-plugin, ds-cfg-policy-based-access-control-handler, ds-cfg-profiler-plugin, ds-cfg-qos-policy, ds-cfg-random-password-generator, ds-cfg-rc4-password-storage-scheme, ds-cfg-referential-integrity-plugin, ds-cfg-regular-expression-identity-mapper, ds-cfg-repeated-characters-password-validator, ds-cfg-replication-domain, ds-cfg-replication-server, ds-cfg-replication-service-discovery-mechanism, ds-cfg-replication-synchronization-provider, ds-cfg-request-filtering-qos-policy, ds-cfg-resource-limits-qos-policy, ds-cfg-root-config, ds-cfg-root-dse-backend, ds-cfg-salted-md5-password-storage-scheme, ds-cfg-salted-sha1-password-storage-scheme, ds-cfg-salted-sha256-password-storage-scheme, ds-cfg-salted-sha384-password-storage-scheme, ds-cfg-salted-sha512-password-storage-scheme, ds-cfg-samba-password-plugin, ds-cfg-sasl-mechanism-handler, ds-cfg-

	schema-provider, ds-cfg-service-discovery-mechanism, ds-cfg-seven-bit-clean-plugin, ds-cfg-sha1-password-storage-scheme, ds-cfg-similarity-based-password-validator, ds-cfg-size-limit-log-retention-policy, ds-cfg-size-limit-log-rotation-policy, ds-cfg-smtp-account-status-notification-handler, ds-cfg-smtp-alert-handler, ds-cfg-snmp-connection-handler, ds-cfg-soft-reference-entry-cache, ds-cfg-start-tls-extended-operation-handler, ds-cfg-static-group-implementation, ds-cfg-static-service-discovery-mechanism, ds-cfg-structural-object-class-virtual-attribute, ds-cfg-subject-attribute-to-user-attribute-certificate-mapper, ds-cfg-subject-dn-to-user-attribute-certificate-mapper, ds-cfg-subject-equals-dn-certificate-mapper, ds-cfg-subschema-subentry-virtual-attribute, ds-cfg-synchronization-provider, ds-cfg-time-limit-log-rotation-policy, ds-cfg-traditional-work-queue, ds-cfg-triple-des-password-storage-scheme, ds-cfg-trust-manager-provider, ds-cfg-unique-attribute-plugin, ds-cfg-unique-characters-password-validator, ds-cfg-user-defined-virtual-attribute, ds-cfg-virtual-attribute, ds-cfg-virtual-static-group-implementation, ds-cfg-who-am-i-extended-operation-handler, ds-cfg-work-queue, ds-cfg-workflow, ds-cfg-workflow-element

cNAMERecord

A type CNAME (canonical name) DNS resource record.

OID	0.9.2342.19200300.100.1.31
Names	cNAMERecord
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	dNSDomain

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.

OID	0.9.2342.19200300.100.1.43
Names	co, friendlyCountryName

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	friendlyCountry

collectiveAttributeSubentries

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

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

collectiveConflictBehavior

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

OID	1.3.6.1.4.1.26027.1.1.606
Names	collectiveConflictBehavior
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Collective Conflict Behavior
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	00-core.ldif
Used By	inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry

collectiveExclusions

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

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

corbaIor

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.

OID	1.3.6.1.4.1.42.2.27.4.1.14
Names	corbaIor
Description	Stringified interoperable object reference of a CORBA object
Equality Matching Rule	caseIgnoreIA5Match

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2714
Schema File	03-rfc2714.ldif
Used By	corbaObjectReference

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).

OID	1.3.6.1.4.1.42.2.27.4.1.15
Names	corbaRepositoryId
Description	Repository ids of interfaces implemented by a CORBA object
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2714
Schema File	03-rfc2714.ldif
Used By	corbaObject, corbaObjectReference

coreTokenDate01

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.126
Names	coreTokenDate01
Description	General mapped date field
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenDate02

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.127
Names	coreTokenDate02
Description	General mapped date field

Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenDate03

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.128
Names	coreTokenDate03
Description	General mapped date field
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenDate04

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.129

Names	coreTokenDate04
Description	General mapped date field
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenDate05

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.130
Names	coreTokenDate05
Description	General mapped date field
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenExpirationDate

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.98
Names	coreTokenExpirationDate
Description	Token expiration date
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenId

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.96
Names	coreTokenId
Description	Token unique ID
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger01

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.116
Names	coreTokenInteger01
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger02

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.117
Names	coreTokenInteger02
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger03

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.118
Names	coreTokenInteger03
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger04

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.119
Names	coreTokenInteger04
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger05

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.120
Names	coreTokenInteger05
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger06

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.121
Names	coreTokenInteger06
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger07

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.122
Names	coreTokenInteger07
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger08

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.123
Names	coreTokenInteger08
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger09

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.124
Names	coreTokenInteger09
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenInteger10

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.125
Names	coreTokenInteger10
Description	General mapped integer field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenMultiString01

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.136
Names	coreTokenMultiString01
Description	General mapped multi value string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenMultiString02

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.137
Names	coreTokenMultiString02
Description	General mapped multi value string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenMultiString03

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.138
Names	coreTokenMultiString03
Description	General mapped multi value string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenObject

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.100
Names	coreTokenObject
Description	Serialised JSON object for Token
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Binary
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString01

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.101
Names	coreTokenString01
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString02

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.102
Names	coreTokenString02
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString03

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.103
Names	coreTokenString03
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString04

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.104
Names	coreTokenString04
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString05

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.105
Names	coreTokenString05
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString06

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.106
Names	coreTokenString06
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString07

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.107
Names	coreTokenString07
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString08

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.108
Names	coreTokenString08
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString09

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.109
Names	coreTokenString09
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString10

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.110
Names	coreTokenString10
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString11

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.111
Names	coreTokenString11
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString12

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.112
Names	coreTokenString12
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString13

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.113
Names	coreTokenString13
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString14

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.114
Names	coreTokenString14
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenString15

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.115
Names	coreTokenString15
Description	General mapped string field
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenTtlDate

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.139
Names	coreTokenTtlDate
Description	TTL expiration date
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenType

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.97
Names	coreTokenType
Description	Token type
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif
Used By	frCoreToken

coreTokenUserId

This attribute type is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.1.99
Names	coreTokenUserId
Description	ID of the owning user
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif

Used By	frCoreToken

createTimestamp

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

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

creatorsName

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

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

credentialLevel

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

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`.

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

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)

OID	0.9.2342.19200300.100.1.25
Names	dc, domainComponent
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreIA5SubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dcObject, domain, rFC822LocalPart, untypedObject

defaultSearchBase

OID	1.3.6.1.4.1.11.1.3.1.1.1
Names	defaultSearchBase
Description	Default base for searches
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

defaultSearchScope

OID	1.3.6.1.4.1.11.1.3.1.1.12
Names	defaultSearchScope
Description	Default scope used when performing a search
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

defaultServerList

OID	1.3.6.1.4.1.11.1.3.1.1.0
Names	defaultServerList
Description	List of default servers
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

deleteOldRDN

OID	2.16.840.1.113730.3.1.10
Names	deleteOldRDN
Description	a flag which indicates if the old RDN should be retained as an attribute of the entry
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-good-ldap-changelog
Schema File	03-changelog.ldif
Used By	changeLogEntry

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`.

OID	2.5.4.53
Names	deltaRevocationList
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Certificate List
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4523

Schema File	00-core.ldif
Used By	cRLDistributionPoint, certificationAuthority-V2, deltaCRL

departmentNumber

Code for the department that a person belongs to.

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

OID	2.16.840.1.113730.3.1.2
Names	departmentNumber
Description	identifies a department within an organization
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

dereferenceAliases

OID	1.3.6.1.4.1.11.1.3.1.1.16
Names	dereferenceAliases
Description	Specifies if a service or agent either requires, supports, or uses dereferencing of aliases.
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

description

Human-readable descriptive phrase about the entry.

OID	2.5.4.13
Names	description
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	SolarisProject, account, applicationEntity, applicationProcess, automount, automountMap, corbaObject, corbaObjectReference, country, dNSDomain, dSA, device, dmd, document, documentSeries, domain, fr-idm-internal-role, fr-idm-managed-user-explicit, friendlyCountry, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, ipHost, ipNetwork, ipProtocol, ipService, javaMarshalledObject, 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

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)

OID	2.5.4.27
Names	destinationIndicator
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Printable String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

devicePrintProfiles

OID	1.3.6.1.4.1.36733.2.2.1.4
Names	devicePrintProfiles
Description	Device print profiles information is stored in this attribute
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-deviceprint.ldif
Used By	devicePrintProfilesContainer

displayName

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

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

distinguishedName

Base type for user attribute types with DN syntax.

OID	2.5.4.49
Names	distinguishedName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif

dITContentRules

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

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

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.

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

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.

OID	2.5.21.1
Names	dITStructureRules

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

dmdName

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

OID	2.5.4.54
Names	dmdName
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2256
Schema File	00-core.ldif
Used By	dmd

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.

OID	2.5.4.46

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

documentAuthor

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

OID	0.9.2342.19200300.100.1.14
Names	documentAuthor
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	document

documentIdentifier

Unique identifier(s) of a document.

OID	0.9.2342.19200300.100.1.11
Names	documentIdentifier
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	document

documentLocation

Location(s) of the document original.

OID	0.9.2342.19200300.100.1.15
Names	documentLocation
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	document

documentPublisher

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

OID	0.9.2342.19200300.100.1.56
Names	documentPublisher
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	document

documentTitle

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

OID	0.9.2342.19200300.100.1.12
Names	documentTitle
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	document

documentVersion

OID	0.9.2342.19200300.100.1.13
Names	documentVersion
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	document

drink

OID	0.9.2342.19200300.100.1.5
Names	drink, favouriteDrink
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	pilotPerson

ds-certificate-fingerprint

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

OID	1.3.6.1.4.1.26027.1.1.268
Names	ds-certificate-fingerprint
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	02-config.ldif
Used By	ds-certificate-user

ds-certificate-issuer-dn

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

OID	1.3.6.1.4.1.36733.2.1.1.341
Names	ds-certificate-issuer-dn
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-certificate-user

ds-certificate-subject-dn

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

OID	1.3.6.1.4.1.26027.1.1.266
Names	ds-certificate-subject-dn
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	OpenDS Directory Server
Schema File	02-config.ldif
Used By	ds-certificate-user

ds-mon-abandoned-requests

OID	1.3.6.1.4.1.36733.2.1.1.255
Names	ds-mon-abandoned-requests
Description	Total number of abandoned operations since startup
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Counter metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-active-connections-count

OID	1.3.6.1.4.1.26027.1.1.253
Names	ds-mon-active-connections-count
Description	Number of active client connections
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDS Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-active-persistent-searches

OID	1.3.6.1.4.1.36733.2.1.1.254
Names	ds-mon-active-persistent-searches
Description	Number of active persistent searches
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-alias

OID	1.3.6.1.4.1.36733.2.1.1.464
Names	ds-mon-alias
Description	Certificate alias
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-certificate

ds-mon-alive-errors

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

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.

OID	1.3.6.1.4.1.36733.2.1.1.515
Names	ds-mon-alive
Description	Indicates whether the server is alive
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-health-status

ds-mon-approx-oldest-change-not-synchronized

OID	1.3.6.1.4.1.36733.2.1.1.504
Names	ds-mon-approx-oldest-change-not-synchronized
Description	Approximate date and time of the oldest change not yet synchronized
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Deprecated Since	6.0.0
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connected-replica

ds-mon-approximate-delay

OID	1.3.6.1.4.1.36733.2.1.1.503
Names	ds-mon-approximate-delay
Description	Approximate delay between this server and the connected replica
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true

User Modification Allowed	true
Usage	userApplications
Deprecated Since	6.0.0
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connected-replica

ds-mon-backend-degraded-index-count

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

ds-mon-backend-degraded-index

OID	1.3.6.1.4.1.36733.2.1.1.365
Names	ds-mon-backend-degraded-index
Description	Backend degraded index
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db, ds-monitor-backend-pluggable

ds-mon-backend-entry-count

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

ds-mon-backend-filter-use-indexed

OID	1.3.6.1.4.1.36733.2.1.1.369
Names	ds-mon-backend-filter-use-indexed
Description	Number of indexed searches performed against the backend
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db, ds-monitor-backend-pluggable

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

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

ds-mon-backend-filter-use-unindexed

OID	1.3.6.1.4.1.36733.2.1.1.370
Names	ds-mon-backend-filter-use-unindexed
Description	Number of unindexed searches performed against the backend
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db, ds-monitor-backend-pluggable

ds-mon-backend-filter-use

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

ds-mon-backend-is-private

OID	1.3.6.1.4.1.36733.2.1.1.356
Names	ds-mon-backend-is-private
Description	Whether the base DNs of this backend should be considered public or private
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-backend, ds-monitor-backend-db, ds-monitor-backend-pluggable, ds-monitor-backend-proxy, ds-monitor-base-dn

ds-mon-backend-proxy-base-dn

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

ds-mon-backend-proxy-shard

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

ds-mon-backend-ttl-entries-deleted

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

ds-mon-backend-ttl-is-running

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

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

OID	1.3.6.1.4.1.36733.2.1.1.331

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

ds-mon-backend-ttl-queue-size

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

ds-mon-backend-ttl-thread-count

OID	1.3.6.1.4.1.36733.2.1.1.332
Names	ds-mon-backend-ttl-thread-count

Description	Number of active time-to-live threads
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db, ds-monitor-backend-pluggable

ds-mon-backend-writability-mode

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

ds-mon-base-dn-entry-count

OID	1.3.6.1.4.1.36733.2.1.1.367

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

ds-mon-base-dn

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

ds-mon-build-number

OID	1.3.6.1.4.1.36733.2.1.1.321
Names	ds-mon-build-number

Description	Build number of the Directory Server
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-build-time

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

ds-mon-bytes-read

OID	1.3.6.1.4.1.36733.2.1.1.252
Names	ds-mon-bytes-read

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

ds-mon-bytes-written

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

ds-mon-cache-entry-count

OID	1.3.6.1.4.1.36733.2.1.1.360
Names	ds-mon-cache-entry-count
Description	Current number of entries held in this cache

Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-entry-cache

ds-mon-cache-max-entry-count

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

ds-mon-cache-max-size-bytes

OID	1.3.6.1.4.1.36733.2.1.1.362
Names	ds-mon-cache-max-size-bytes
Description	Memory limit for this cache

Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-entry-cache

ds-mon-cache-misses

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

ds-mon-cache-total-tries

OID	1.3.6.1.4.1.36733.2.1.1.359
Names	ds-mon-cache-total-tries
Description	Number of attempts to retrieve an entry from this cache
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch

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Syntax	Summary metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-entry-cache

ds-mon-certificate-expires-at

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

ds-mon-certificate-issuer-dn

OID	1.3.6.1.4.1.36733.2.1.1.274
Names	ds-mon-certificate-issuer-dn
Description	Certificate issuer DN
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-certificate

ds-mon-certificate-serial-number

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

ds-mon-certificate-subject-dn

OID	1.3.6.1.4.1.36733.2.1.1.275
Names	ds-mon-certificate-subject-dn
Description	Certificate subject DN
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-certificate

ds-mon-compact-version

OID	1.3.6.1.4.1.36733.2.1.1.314
Names	ds-mon-compact-version
Description	Compact version of the Directory Server
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-config-dn

OID	1.3.6.1.4.1.36733.2.1.1.273
Names	ds-mon-config-dn
Description	DN of the configuration entry
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-connected-to-server-hostport

OID	1.3.6.1.4.1.36733.2.1.1.465
Names	ds-mon-connected-to-server-hostport
Description	Host and replication port of the server that this server is connected to
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Host port
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connected-replica, ds-monitor-replica

ds-mon-connected-to-server-id

OID	1.3.6.1.4.1.36733.2.1.1.462
Names	ds-mon-connected-to-server-id
Description	Identifier of the server that this server is connected to
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connected-replica, ds-monitor-replica

ds-mon-connection

OID	1.3.6.1.4.1.26027.1.1.251
Names	ds-mon-connection
Description	Client connection summary information
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-connections

OID	1.3.6.1.4.1.36733.2.1.1.251
Names	ds-mon-connections
Description	Connection summary
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Summary metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-current-connections

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

ds-mon-current-delay

OID	1.3.6.1.4.1.36733.2.1.1.287
Names	ds-mon-current-delay
Description	Current local delay in replaying replicated operations
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-remote-replica, ds-monitor-replica

ds-mon-current-receive-window

OID	1.3.6.1.4.1.36733.2.1.1.492
Names	ds-mon-current-receive-window
Description	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
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-replica

ds-mon-current-time

OID	1.3.6.1.4.1.36733.2.1.1.324
Names	ds-mon-current-time
Description	Current date and time
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

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

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

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

OID	1.3.6.1.4.1.36733.2.1.1.374
Names	ds-mon-db-cache-evict-leaf-nodes-count
Description	Number of leaf nodes (data records) evicted from the database cache
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

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

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

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

OID	1.3.6.1.4.1.36733.2.1.1.378
Names	ds-mon-db-cache-misses-leaf-nodes
Description	Number of leaf nodes (data records) requested by btree operations that were not in the database cache
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

ds-mon-db-cache-size-active

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

ds-mon-db-cache-size-total

OID	1.3.6.1.4.1.36733.2.1.1.624
Names	ds-mon-db-cache-size-total
Description	Maximum size of the database cache
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	ForgeRock Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

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

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

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

OID	1.3.6.1.4.1.36733.2.1.1.376
Names	ds-mon-db-cache-total-tries-leaf-nodes
Description	Number of leaf nodes (data records) requested by btree operations
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

ds-mon-db-checkpoint-count

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

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

OID	1.3.6.1.4.1.36733.2.1.1.381
Names	ds-mon-db-log-cleaner-file-deletion-count
Description	Number of cleaner file deletions
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

ds-mon-db-log-files-open

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

ds-mon-db-log-files-opened

OID	1.3.6.1.4.1.36733.2.1.1.386
Names	ds-mon-db-log-files-opened
Description	Number of times a log file has been opened
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

ds-mon-db-log-size-active

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

ds-mon-db-log-size-total

OID	1.3.6.1.4.1.36733.2.1.1.384
Names	ds-mon-db-log-size-total
Description	Size used by all data files on disk
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

ds-mon-db-log-utilization-max

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

ds-mon-db-log-utilization-min

OID	1.3.6.1.4.1.36733.2.1.1.382
Names	ds-mon-db-log-utilization-min
Description	Current minimum (lower bound) log utilization as a percentage
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-backend-db

ds-mon-db-version

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

ds-mon-disk-dir

OID	1.3.6.1.4.1.36733.2.1.1.339
Names	ds-mon-disk-dir
Description	A monitored directory containing data that may change over time
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Filesystem path
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-disk-space

ds-mon-disk-free

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

ds-mon-disk-full-threshold

OID	1.3.6.1.4.1.36733.2.1.1.338
Names	ds-mon-disk-full-threshold
Description	Effective full disk space threshold
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-disk-space

ds-mon-disk-low-threshold

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

ds-mon-disk-root

OID	1.3.6.1.4.1.36733.2.1.1.353
Names	ds-mon-disk-root
Description	Monitored disk root
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Filesystem path
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-disk-space

ds-mon-disk-state

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

ds-mon-domain-generation-id

OID	1.3.6.1.4.1.36733.2.1.1.467
Names	ds-mon-domain-generation-id
Description	Replication domain generation identifier
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

Used By	ds-monitor-changelog-domain, ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-replica

ds-mon-domain-name

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

ds-mon-entries-awaiting-updates-count

OID	1.3.6.1.4.1.36733.2.1.1.500
Names	ds-mon-entries-awaiting-updates-count
Description	Number of entries for which an update operation has been received but not replayed yet by this replica
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Interface Stability	Internal: Internal use only, subject to change without notice
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-replica

ds-mon-fix-ids

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

ds-mon-full-version

OID	1.3.6.1.4.1.36733.2.1.1.313
Names	ds-mon-full-version
Description	Full version of the Directory Server
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

Used By	ds-monitor-server

ds-mon-healthy-errors

OID	1.3.6.1.4.1.36733.2.1.1.518
Names	ds-mon-healthy-errors
Description	Lists transient server errors preventing the server from temporarily handling requests
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-health-status

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 prepared 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.

OID	1.3.6.1.4.1.36733.2.1.1.516
Names	ds-mon-healthy
Description	Indicates whether the server is able to handle requests
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-health-status

ds-mon-install-path

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

ds-mon-instance-path

OID	1.3.6.1.4.1.36733.2.1.1.306
Names	ds-mon-instance-path
Description	Directory Server instance path
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Filesystem path
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-jvm-architecture

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

ds-mon-jvm-arguments

OID	1.3.6.1.4.1.36733.2.1.1.307
Names	ds-mon-jvm-arguments
Description	Input arguments passed to the Java virtual machine
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-available-cpus

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

ds-mon-jvm-class-path

OID	1.3.6.1.4.1.36733.2.1.1.294
Names	ds-mon-jvm-class-path
Description	Path used to find directories and JAR archives containing Java class files
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Filesystem path
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-classes-loaded

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

ds-mon-jvm-classes-unloaded

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

Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-concurrent-mark-sweep-count

OID	1.3.6.1.4.1.36733.2.1.1.458
Names	ds-mon-jvm-garbage-collector-concurrent-mark-sweep-count
Description	Number of collections performed by the "concurrent mark sweep" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-concurrent-mark-sweep-time

OID	1.3.6.1.4.1.36733.2.1.1.459
Names	ds-mon-jvm-garbage-collector-concurrent-mark-sweep-time
Description	Approximate accumulated time taken by the "concurrent mark sweep" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-copy-count

OID	1.3.6.1.4.1.36733.2.1.1.448
Names	ds-mon-jvm-garbage-collector-copy-count
Description	Number of collections performed by the "copy" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-copy-time

OID	1.3.6.1.4.1.36733.2.1.1.449
Names	ds-mon-jvm-garbage-collector-copy-time
Description	Approximate accumulated time taken by the "copy" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-g1-old-generation-count

OID	1.3.6.1.4.1.36733.2.1.1.456
Names	ds-mon-jvm-garbage-collector-g1-old-generation-count
Description	Number of collections performed by the "g1 old generation" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-g1-old-generation-time

OID	1.3.6.1.4.1.36733.2.1.1.457
Names	ds-mon-jvm-garbage-collector-g1-old-generation-time
Description	Approximate accumulated time taken by the "g1 old generation" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server

Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-g1-young-generation-count

OID	1.3.6.1.4.1.36733.2.1.1.454
Names	ds-mon-jvm-garbage-collector-g1-young-generation-count
Description	Number of collections performed by the "g1 young generation" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-g1-young-generation-time

OID	1.3.6.1.4.1.36733.2.1.1.455
Names	ds-mon-jvm-garbage-collector-g1-young-generation-time
Description	Approximate accumulated time taken by the "g1 young generation" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true
Usage	userApplications

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Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-mark-sweep-compact-count

OID	1.3.6.1.4.1.36733.2.1.1.450
Names	ds-mon-jvm-garbage-collector-mark-sweep-compact-count
Description	Number of collections performed by the "mark sweep compact" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-mark-sweep-compact-time

OID	1.3.6.1.4.1.36733.2.1.1.451
Names	ds-mon-jvm-garbage-collector-mark-sweep-compact-time
Description	Approximate accumulated time taken by the "mark sweep compact" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-par-new-count

OID	1.3.6.1.4.1.36733.2.1.1.452
Names	ds-mon-jvm-garbage-collector-par-new-count
Description	Number of collections performed by the "par new" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-par-new-time

OID	1.3.6.1.4.1.36733.2.1.1.453
Names	ds-mon-jvm-garbage-collector-par-new-time
Description	Approximate accumulated time taken by the "par new" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-ps-mark-sweep-count

OID	1.3.6.1.4.1.36733.2.1.1.446
Names	ds-mon-jvm-garbage-collector-ps-mark-sweep-count
Description	Number of collections performed by the "parallel scavenge mark sweep" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-ps-mark-sweep-time

OID	1.3.6.1.4.1.36733.2.1.1.447
Names	ds-mon-jvm-garbage-collector-ps-mark-sweep-time
Description	Approximate accumulated time taken by the "parallel scavenge mark sweep" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-ps-scavenge-count

OID	1.3.6.1.4.1.36733.2.1.1.444
Names	ds-mon-jvm-garbage-collector-ps-scavenge-count
Description	Number of collections performed by the "parallel scavenge" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-garbage-collector-ps-scavenge-time

OID	1.3.6.1.4.1.36733.2.1.1.445
Names	ds-mon-jvm-garbage-collector-ps-scavenge-time
Description	Approximate accumulated time taken by the "parallel scavenge" garbage collection algorithm
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Duration in milli-seconds
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-java-home

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

ds-mon-jvm-java-vendor

OID	1.3.6.1.4.1.36733.2.1.1.290
Names	ds-mon-jvm-java-vendor
Description	Java runtime environment (JRE) vendor
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-java-version

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

ds-mon-jvm-memory-heap-init

OID	1.3.6.1.4.1.36733.2.1.1.391
Names	ds-mon-jvm-memory-heap-init
Description	Amount of heap memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-heap-max

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

ds-mon-jvm-memory-heap-reserved

OID	1.3.6.1.4.1.36733.2.1.1.395
Names	ds-mon-jvm-memory-heap-reserved
Description	Amount of heap memory that is committed for the Java virtual machine to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-heap-used

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

ds-mon-jvm-memory-init

OID	1.3.6.1.4.1.36733.2.1.1.390
Names	ds-mon-jvm-memory-init
Description	Amount of memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-max

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

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

OID	1.3.6.1.4.1.36733.2.1.1.392
Names	ds-mon-jvm-memory-non-heap-init
Description	Amount of non-heap memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

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

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

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

OID	1.3.6.1.4.1.36733.2.1.1.396
Names	ds-mon-jvm-memory-non-heap-reserved
Description	Amount of non-heap memory that is committed for the Java virtual machine to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

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

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

ds-mon-jvm-memory-pools-code-cache-init

OID	1.3.6.1.4.1.36733.2.1.1.415
Names	ds-mon-jvm-memory-pools-code-cache-init
Description	Amount of "code cache" memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-code-cache-max

OID	1.3.6.1.4.1.36733.2.1.1.412
Names	ds-mon-jvm-memory-pools-code-cache-max
Description	Maximum amount of "code cache" memory that the Java virtual machine will attempt to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-code-cache-reserved

OID	1.3.6.1.4.1.36733.2.1.1.414
Names	ds-mon-jvm-memory-pools-code-cache-reserved
Description	Amount of "code cache" memory that is committed for the Java virtual machine to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-code-cache-used

OID	1.3.6.1.4.1.36733.2.1.1.413
Names	ds-mon-jvm-memory-pools-code-cache-used
Description	Amount of "code cache" memory used by the Java virtual machine
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-compressed-class-space-init

OID	1.3.6.1.4.1.36733.2.1.1.425
Names	ds-mon-jvm-memory-pools-compressed-class-space-init
Description	Amount of "compressed class space" memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-compressed-class-space-max

OID	1.3.6.1.4.1.36733.2.1.1.422
Names	ds-mon-jvm-memory-pools-compressed-class-space-max
Description	Maximum amount of "compressed class space" memory that the Java virtual machine will attempt to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-compressed-class-space-reserved

OID	1.3.6.1.4.1.36733.2.1.1.424
Names	ds-mon-jvm-memory-pools-compressed-class-space-reserved
Description	Amount of "compressed class space" memory that is committed for the Java virtual machine to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-compressed-class-space-used

OID	1.3.6.1.4.1.36733.2.1.1.423
Names	ds-mon-jvm-memory-pools-compressed-class-space-used
Description	Amount of "compressed class space" memory used by the Java virtual machine
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-metaspace-init

OID	1.3.6.1.4.1.36733.2.1.1.420
Names	ds-mon-jvm-memory-pools-metaspace-init
Description	Amount of "metaspace" memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-metaspace-max

OID	1.3.6.1.4.1.36733.2.1.1.417
Names	ds-mon-jvm-memory-pools-metaspace-max
Description	Maximum amount of "metaspace" memory that the Java virtual machine will attempt to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-metaspace-reserved

OID	1.3.6.1.4.1.36733.2.1.1.419
Names	ds-mon-jvm-memory-pools-metaspace-reserved
Description	Amount of "metaspace" memory that is committed for the Java virtual machine to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-metaspace-used

OID	1.3.6.1.4.1.36733.2.1.1.418
Names	ds-mon-jvm-memory-pools-metaspace-used
Description	Amount of "metaspace" memory used by the Java virtual machine
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-eden-space-init

OID	1.3.6.1.4.1.36733.2.1.1.431
Names	ds-mon-jvm-memory-pools-ps-eden-space-init
Description	Amount of "parallel scavenge eden space" memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-eden-space-max

OID	1.3.6.1.4.1.36733.2.1.1.427
Names	ds-mon-jvm-memory-pools-ps-eden-space-max
Description	Maximum amount of "parallel scavenge eden space" memory that the Java virtual machine will attempt to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-eden-space-reserved

OID	1.3.6.1.4.1.36733.2.1.1.429
Names	ds-mon-jvm-memory-pools-ps-eden-space-reserved
Description	Amount of "parallel scavenge eden space" memory that is committed for the Java virtual machine to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch

Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-eden-space-used-after-gc

OID	1.3.6.1.4.1.36733.2.1.1.430
Names	ds-mon-jvm-memory-pools-ps-eden-space-used-after-gc
Description	Amount of "parallel scavenge eden space" memory after the last time garbage collection recycled unused objects in this memory pool
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-eden-space-used

OID	1.3.6.1.4.1.36733.2.1.1.428
Names	ds-mon-jvm-memory-pools-ps-eden-space-used
Description	Amount of "parallel scavenge eden space" memory used by the Java virtual machine
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch

Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-old-gen-init

OID	1.3.6.1.4.1.36733.2.1.1.443
Names	ds-mon-jvm-memory-pools-ps-old-gen-init
Description	Amount of "parallel scavenge old generation" memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-old-gen-max

OID	1.3.6.1.4.1.36733.2.1.1.439
Names	ds-mon-jvm-memory-pools-ps-old-gen-max
Description	Maximum amount of "parallel scavenge old generation" memory that the Java virtual machine will attempt to use
Equality Matching Rule	integerMatch

Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-old-gen-reserved

OID	1.3.6.1.4.1.36733.2.1.1.441
Names	ds-mon-jvm-memory-pools-ps-old-gen-reserved
Description	Amount of "parallel scavenge old generation" memory that is committed for the Java virtual machine to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-old-gen-used-after-gc

OID	1.3.6.1.4.1.36733.2.1.1.442
Names	ds-mon-jvm-memory-pools-ps-old-gen-used-after-gc
Description	Amount of "parallel scavenge old generation" memory after the last time garbage collection recycled unused objects in this memory pool

Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-old-gen-used

OID	1.3.6.1.4.1.36733.2.1.1.440
Names	ds-mon-jvm-memory-pools-ps-old-gen-used
Description	Amount of "parallel scavenge old generation" memory used by the Java virtual machine
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-survivor-space-init

OID	1.3.6.1.4.1.36733.2.1.1.437
Names	ds-mon-jvm-memory-pools-ps-survivor-space-init

Description	Amount of "parallel scavenge survivor space" memory that the Java virtual machine initially requested from the operating system
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-survivor-space-max

OID	1.3.6.1.4.1.36733.2.1.1.433
Names	ds-mon-jvm-memory-pools-ps-survivor-space-max
Description	Maximum amount of "parallel scavenge survivor space" memory that the Java virtual machine will attempt to use
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-survivor-space-reserved

OID	1.3.6.1.4.1.36733.2.1.1.435

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

ds-mon-jvm-memory-pools-ps-survivor-space-used-after-gc

OID	1.3.6.1.4.1.36733.2.1.1.436
Names	ds-mon-jvm-memory-pools-ps-survivor-space-used-after-gc
Description	Amount of "parallel scavenge survivor space" memory after the last time garbage collection recycled unused objects in this memory pool
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-pools-ps-survivor-space-used

OID	1.3.6.1.4.1.36733.2.1.1.434

Names	ds-mon-jvm-memory-pools-ps-survivor-space-used
Description	Amount of "parallel scavenge survivor space" memory used by the Java virtual machine
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Size in bytes
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-jvm

ds-mon-jvm-memory-reserved

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

ds-mon-jvm-memory-used

OID	1.3.6.1.4.1.36733.2.1.1.304

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

ds-mon-jvm-supported-tls-ciphers

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

ds-mon-jvm-supported-tls-protocols

OID	1.3.6.1.4.1.36733.2.1.1.308

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

ds-mon-jvm-threads-blocked-count

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

ds-mon-jvm-threads-count

OID	1.3.6.1.4.1.36733.2.1.1.407

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

ds-mon-jvm-threads-daemon-count

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

ds-mon-jvm-threads-deadlock-count

OID	1.3.6.1.4.1.36733.2.1.1.409

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

ds-mon-jvm-threads-deadlocks

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

ds-mon-jvm-threads-new-count

OID	1.3.6.1.4.1.36733.2.1.1.401

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

ds-mon-jvm-threads-runnable-count

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

ds-mon-jvm-threads-terminated-count

OID	1.3.6.1.4.1.36733.2.1.1.406

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

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

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

ds-mon-jvm-threads-waiting-count

OID	1.3.6.1.4.1.36733.2.1.1.404

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

ds-mon-jvm-vendor

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

ds-mon-jvm-version

OID	1.3.6.1.4.1.36733.2.1.1.291

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

ds-mon-listen-address

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

ds-mon-lost-connections

OID	1.3.6.1.4.1.36733.2.1.1.488

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

ds-mon-major-version

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

ds-mon-max-connections

OID	1.3.6.1.4.1.36733.2.1.1.327
Names	ds-mon-max-connections

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

ds-mon-minor-version

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

ds-mon-missing-changes

OID	1.3.6.1.4.1.36733.2.1.1.468
Names	ds-mon-missing-changes

Description	Missing changes for replication
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Deprecated Since	6.0.0
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-changelog-domain, ds-monitor-connected-changelog, ds-monitor-connected-replica

ds-mon-newest-change-number

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

ds-mon-newest-csn-timestamp

OID	1.3.6.1.4.1.36733.2.1.1.347

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

ds-mon-newest-csn

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

ds-mon-oldest-change-number

OID	1.3.6.1.4.1.36733.2.1.1.342

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

ds-mon-oldest-csn-timestamp

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

ds-mon-oldest-csn

OID	1.3.6.1.4.1.36733.2.1.1.344

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

ds-mon-os-architecture

OID	1.3.6.1.4.1.36733.2.1.1.298
Names	ds-mon-os-architecture
Description	Operating system architecture
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-os-name

OID	1.3.6.1.4.1.36733.2.1.1.296

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

ds-mon-os-version

OID	1.3.6.1.4.1.36733.2.1.1.297
Names	ds-mon-os-version
Description	Operating system version
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-point-version

OID	1.3.6.1.4.1.36733.2.1.1.317
Names	ds-mon-point-version

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

ds-mon-product-name

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

ds-mon-protocol

OID	1.3.6.1.4.1.26027.1.1.254
Names	ds-mon-protocol
Description	Network protocol

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-replayed-updates-conflicts-resolved

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

ds-mon-replayed-updates-conflicts-unresolved

OID	1.3.6.1.4.1.36733.2.1.1.497
Names	ds-mon-replayed-updates-conflicts-unresolved

Description	Number of updates replayed on this replica for which replication naming conflicts have not been resolved
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Counter metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-replica

ds-mon-replayed-updates

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

ds-mon-requests-abandon

OID	1.3.6.1.4.1.36733.2.1.1.256
Names	ds-mon-requests-abandon
Description	Abandon request timer

Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-requests-add

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

ds-mon-requests-bind

OID	1.3.6.1.4.1.36733.2.1.1.258
Names	ds-mon-requests-bind
Description	Bind request timer
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-requests-compare

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

ds-mon-requests-delete

OID	1.3.6.1.4.1.36733.2.1.1.260
Names	ds-mon-requests-delete
Description	Delete request timer
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-requests-extended

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

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

OID	1.3.6.1.4.1.36733.2.1.1.279
Names	ds-mon-requests-failure-client-invalid-request
Description	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)
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-requests-failure-client-redirect

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

ds-mon-requests-failure-client-referral

OID	1.3.6.1.4.1.36733.2.1.1.282
Names	ds-mon-requests-failure-client-referral
Description	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)
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

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

OID	1.3.6.1.4.1.36733.2.1.1.281
Names	ds-mon-requests-failure-client-resource-limit
Description	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)
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-requests-failure-client-security

OID	1.3.6.1.4.1.36733.2.1.1.280
Names	ds-mon-requests-failure-client-security
Description	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))
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-requests-failure-server

OID	1.3.6.1.4.1.36733.2.1.1.283
Names	ds-mon-requests-failure-server
Description	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))
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-requests-failure-uncategorized

OID	1.3.6.1.4.1.36733.2.1.1.284
Names	ds-mon-requests-failure-uncategorized
Description	Timer for requests that failed due to uncategorized reasons
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connection-handler, ds-monitor-http-connection-handler, ds-monitor-ldap-connection-handler

ds-mon-requests-get

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

ds-mon-requests-in-queue

OID	1.3.6.1.4.1.36733.2.1.1.350
Names	ds-mon-requests-in-queue
Description	Number of requests in the work queue that have not yet been picked up for processing
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-work-queue

ds-mon-requests-modify-dn

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

ds-mon-requests-modify

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

ds-mon-requests-patch

OID	1.3.6.1.4.1.36733.2.1.1.269
Names	ds-mon-requests-patch
Description	PATCH request timer
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-http-connection-handler

ds-mon-requests-post

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

ds-mon-requests-put

OID	1.3.6.1.4.1.36733.2.1.1.272

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

ds-mon-requests-rejected-queue-full

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

ds-mon-requests-search-base

OID	1.3.6.1.4.1.36733.2.1.1.265
Names	ds-mon-requests-search-base
Description	Base object search request timer

Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-requests-search-one

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

ds-mon-requests-search-sub

OID	1.3.6.1.4.1.36733.2.1.1.267
Names	ds-mon-requests-search-sub
Description	Subtree search request timer
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch

Syntax	Timer metric
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-requests-submitted

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

ds-mon-requests-unbind

OID	1.3.6.1.4.1.36733.2.1.1.268
Names	ds-mon-requests-unbind
Description	Unbind request timer
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Timer metric
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-ldap-connection-handler

ds-mon-requests-uncategorized

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

ds-mon-revision

OID	1.3.6.1.4.1.36733.2.1.1.318
Names	ds-mon-revision
Description	Revision ID in the source repository from which the Directory Server is build
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-sent-updates

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

ds-mon-server-hostport

OID	1.3.6.1.4.1.36733.2.1.1.463
Names	ds-mon-server-hostport
Description	Host and port of a server
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Host port
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-connected-changelog, ds-monitor-connected-replica

ds-mon-server-id

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

ds-mon-server-state

OID	1.3.6.1.4.1.36733.2.1.1.469
Names	ds-mon-server-state
Description	Replication server state
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	CSN (Change Sequence Number)
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-mon-short-name

OID	1.3.6.1.4.1.36733.2.1.1.311
Names	ds-mon-short-name
Description	Short name of the Directory Server
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-ssl-encryption

OID	1.3.6.1.4.1.36733.2.1.1.493
Names	ds-mon-ssl-encryption
Description	Whether SSL encryption is used when exchanging messages with this server
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

Used By	ds-monitor-connected-changelog, ds-monitor-connected-replica, ds-monitor-replica

ds-mon-start-time

OID	1.3.6.1.4.1.36733.2.1.1.323
Names	ds-mon-start-time
Description	Start date and time for the Directory Server
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-status-last-changed

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

Used By	ds-monitor-replica

ds-mon-status

OID	1.3.6.1.4.1.36733.2.1.1.505
Names	ds-mon-status
Description	Replication status of the local replica, can either be "Invalid", "Not connected", "Normal", "Degraded", "Full update", "Bad generation id"
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-replica

ds-mon-system-name

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

Used By	ds-monitor-server

ds-mon-total-connections

OID	1.3.6.1.4.1.36733.2.1.1.328
Names	ds-mon-total-connections
Description	Total number of client connections that have been established with the Directory Server since it started
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-updates-inbound-queue

OID	1.3.6.1.4.1.36733.2.1.1.501
Names	ds-mon-updates-inbound-queue
Description	Number of remote updates received from the replication server but not replayed yet on this replica
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Interface Stability	Internal: Internal use only, subject to change without notice

Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-replica

ds-mon-updates-outbound-queue

OID	1.3.6.1.4.1.36733.2.1.1.499
Names	ds-mon-updates-outbound-queue
Description	Number of local updates that are waiting to be sent to the replication server once they complete
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Interface Stability	Internal: Internal use only, subject to change without notice
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-replica

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

OID	1.3.6.1.4.1.36733.2.1.1.502
Names	ds-mon-updates-totals-per-replay-thread
Description	JSON array of the number of updates replayed per replay thread
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Json
Single Value	true
User Modification Allowed	true
Usage	userApplications

Interface Stability	Internal: Internal use only, subject to change without notice
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-replica

ds-mon-vendor-name

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

ds-mon-version-qualifier

OID	1.3.6.1.4.1.36733.2.1.1.320
Names	ds-mon-version-qualifier
Description	Version qualifier of the Directory Server
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenDJ Directory Server
Schema File	02-config.ldif
Used By	ds-monitor-server

ds-mon-working-directory

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

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.

OID	1.3.6.1.4.1.26027.1.1.246
Names	ds-private-naming-contexts
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-privilege-name

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

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

ds-pwp-account-disabled

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

OID	1.3.6.1.4.1.26027.1.1.166
Names	ds-pwp-account-disabled
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-pwp-account-expiration-time

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

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

ds-pwp-last-login-time

Holds a timestamp of the last successful bind.

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

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

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

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

ds-pwp-password-expiration-time

Indicates when the password for the current entry expires.

OID	1.3.6.1.4.1.36733.2.1.1.60
Names	ds-pwp-password-expiration-time, pwdExpirationTime
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-pwp-password-policy-dn

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

OID	1.3.6.1.4.1.26027.1.1.244
Names	ds-pwp-password-policy-dn

Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-pwp-reset-time

Indicates when the user's password was reset.

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

ds-pwp-warned-time

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

OID	1.3.6.1.4.1.26027.1.1.165
Names	ds-pwp-warned-time
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-rlim-cursor-entry-limit

OID	1.3.6.1.4.1.36733.2.1.1.349
Names	ds-rlim-cursor-entry-limit
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-rlim-idle-time-limit

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

OID	1.3.6.1.4.1.26027.1.1.394
Names	ds-rlim-idle-time-limit
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-rlim-lookthrough-limit

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

OID	1.3.6.1.4.1.26027.1.1.241
Names	ds-rlim-lookthrough-limit
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-rlim-size-limit

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

OID	1.3.6.1.4.1.26027.1.1.116
Names	ds-rlim-size-limit
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	directoryOperation

Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-rlim-time-limit

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

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

ds-sync-conflict

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

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

ds-sync-fractional-exclude

Indicates which attributes to exclude in fractional replication.

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

ds-sync-fractional-include

Indicates which attributes to include in fractional replication.

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

ds-sync-generation-id

Holds the replication generation ID for a backend.

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

ds-sync-hist

Holds historical information for replication.

OID	1.3.6.1.4.1.26027.1.1.119
Names	ds-sync-hist
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	historicalCsnOrderingMatch
Syntax	Octet String
Single Value	false: multiple values allowed
User Modification Allowed	false
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-sync-state

Holds replication state information for a backend.

OID	1.3.6.1.4.1.26027.1.1.185
Names	ds-sync-state
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-target-group-dn

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

OID	1.3.6.1.4.1.26027.1.1.292
Names	ds-target-group-dn
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	02-config.ldif
Used By	ds-virtual-static-group

dSAQuality

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

OID	0.9.2342.19200300.100.1.49
Names	dSAQuality
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotDSA, qualityLabelledData

emailAddress

OID	1.2.840.113549.1.9.1
Names	emailAddress
Description	represents the email address part of an X.509 certificate
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2985
Schema File	00-core.ldif

employeeNumber

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

OID	2.16.840.1.113730.3.1.3
Names	employeeNumber
Description	numerically identifies an employee within an organization
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

employeeType

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

OID	2.16.840.1.113730.3.1.4
Names	employeeType
Description	type of employment for a person
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

enhancedSearchGuide

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

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

OID	2.5.4.47
Names	enhancedSearchGuide

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

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.

OID	1.3.6.1.1.20
Names	entryDN
Description	DN of the entry
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	RFC 5020
Schema File	00-core.ldif

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`.

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

etag

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

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

facsimileTelephoneNumber

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

OID	2.5.4.23

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

firstChangeNumber

Holds the oldest change number in the changelog.

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

followReferrals

OID	1.3.6.1.4.1.11.1.3.1.1.5
Names	followReferrals

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

fr-idm-accountStatus

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.14
Names	fr-idm-accountStatus
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-cluster-json

This attribute type is used internally by the IDM repository for clusters.

OID	1.3.6.1.4.1.36733.2.3.1.24
Names	fr-idm-cluster-json
Equality Matching Rule	caseIgnoreJsonQueryMatchClusterObject

Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-cluster-obj

fr-idm-condition

This attribute type is used internally by the IDM repository for internal roles.

OID	1.3.6.1.4.1.36733.2.3.1.35
Names	fr-idm-condition
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-internal-role

fr-idm-consentedMapping

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.23
Names	fr-idm-consentedMapping
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-effectiveAssignment

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.16
Names	fr-idm-effectiveAssignment
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-effectiveRole

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.15
Names	fr-idm-effectiveRole
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-json

This attribute type is used internally by the IDM repository for generic objects.

OID	1.3.6.1.4.1.36733.2.3.1.10
Names	fr-idm-json
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-generic-obj

fr-idm-kbaInfo

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.17
Names	fr-idm-kbaInfo
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-lastSync

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.18
Names	fr-idm-lastSync
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-link-firstid-constraint

OID	1.3.6.1.4.1.36733.2.3.1.81
Names	fr-idm-link-firstid-constraint
Description	A attribute used to support a unique constraint on the set of fr-idm-link-type, fr-idm-link-qualifier, fr-idm-link-firstid
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Interface Stability	Internal: Internal use only, subject to change without notice
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-link

fr-idm-link-firstid

This attribute type is used internally by the IDM repository for links.

OID	1.3.6.1.4.1.36733.2.3.1.6
Names	fr-idm-link-firstid
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-link

fr-idm-link-qualifier

This attribute type is used internally by the IDM repository for links.

OID	1.3.6.1.4.1.36733.2.3.1.5
Names	fr-idm-link-qualifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-link

fr-idm-link-secondid-constraint

OID	1.3.6.1.4.1.36733.2.3.1.82
Names	fr-idm-link-secondid-constraint
Description	A attribute used to support a unique constraint on the set of fr-idm-link-type, fr-idm-link-qualifier, fr-idm-link-secondid
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Interface Stability	Internal: Internal use only, subject to change without notice
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-link

fr-idm-link-secondid

This attribute type is used internally by the IDM repository for links.

OID	1.3.6.1.4.1.36733.2.3.1.7
Names	fr-idm-link-secondid
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-link

fr-idm-link-type

This attribute type is used internally by the IDM repository for links.

OID	1.3.6.1.4.1.36733.2.3.1.4
Names	fr-idm-link-type
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-link

fr-idm-lock-nodeid

This attribute type is used internally by the IDM repository for locks.

OID	1.3.6.1.4.1.36733.2.3.1.32
Names	fr-idm-lock-nodeid
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-lock

fr-idm-managed-role-json

This attribute type is used internally by the IDM repository for managed roles.

OID	1.3.6.1.4.1.36733.2.3.1.25
Names	fr-idm-managed-role-json
Equality Matching Rule	caseIgnoreJsonQueryMatchManagedRole
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-role

fr-idm-managed-user-json

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.13
Names	fr-idm-managed-user-json
Equality Matching Rule	caseIgnoreJsonQueryMatchManagedUser
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user

fr-idm-name

This attribute type is used internally by the IDM repository for internal roles.

OID	1.3.6.1.4.1.36733.2.3.1.34
Names	fr-idm-name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-internal-role

fr-idm-password

This attribute type is used internally by the IDM repository for internal users.

OID	1.3.6.1.4.1.36733.2.3.1.8
Names	fr-idm-password
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-internal-user, fr-idm-managed-user-explicit

fr-idm-preferences

This attribute type is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.1.19
Names	fr-idm-preferences
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-privilege

This attribute type is used internally by the IDM repository for internal roles.

OID	1.3.6.1.4.1.36733.2.3.1.33
Names	fr-idm-privilege
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	caseIgnoreJsonQueryMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

Used By	fr-idm-internal-role

fr-idm-recon-id

This attribute type is used internally by the IDM repository for clustered recon target IDs.

OID	1.3.6.1.4.1.36733.2.3.1.11
Names	fr-idm-recon-id
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-recon-clusteredTargetIds

fr-idm-recon-targetIds

This attribute type is used internally by the IDM repository for clustered recon target IDs.

OID	1.3.6.1.4.1.36733.2.3.1.12
Names	fr-idm-recon-targetIds
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-recon-clusteredTargetIds

fr-idm-relationship-json

This attribute type is used internally by the IDM repository for relationships.

OID	1.3.6.1.4.1.36733.2.3.1.26
Names	fr-idm-relationship-json
Equality Matching Rule	caseIgnoreJsonQueryMatchRelationship
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-relationship

fr-idm-role

This attribute type is used internally by the IDM repository for internal users.

OID	1.3.6.1.4.1.36733.2.3.1.9
Names	fr-idm-role
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	caseIgnoreJsonQueryMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-managed-user-explicit

fr-idm-syncqueue-context

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.43
Names	fr-idm-syncqueue-context
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-createdate

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.47
Names	fr-idm-syncqueue-createdate
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-mapping

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.39

Names	fr-idm-syncqueue-mapping
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-newobject

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.42
Names	fr-idm-syncqueue-newobject
Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-nodeid

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.45
Names	fr-idm-syncqueue-nodeid

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-objectrev

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.40
Names	fr-idm-syncqueue-objectrev
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-oldobject

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.41
Names	fr-idm-syncqueue-oldobject

Equality Matching Rule	caseIgnoreJsonQueryMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-remainingretries

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.46
Names	fr-idm-syncqueue-remainingretries
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-resourcecollection

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.37
Names	fr-idm-syncqueue-resourcecollection
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-resourceid

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.38
Names	fr-idm-syncqueue-resourceid
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-state

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.44
Names	fr-idm-syncqueue-state
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-syncqueue-syncaction

This attribute type is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.1.36
Names	fr-idm-syncqueue-syncaction
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-syncqueue

fr-idm-temporal-constraints

This attribute type is used internally by the IDM repository for internal roles.

OID	1.3.6.1.4.1.36733.2.3.2.12
Names	fr-idm-temporal-constraints
Equality Matching Rule	octetStringMatch

Ordering Matching Rule	caseIgnoreJsonQueryMatch
Syntax	Json
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif
Used By	fr-idm-internal-role

fullVendorVersion

Holds the vendor version including the build number.

OID	1.3.6.1.4.1.36733.2.1.1.141
Names	fullVendorVersion
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	false
Usage	dSAOperation
Origin	OpenDJ Directory Server
Schema File	00-core.ldif

gecos

OID	1.3.6.1.1.1.1.2
Names	gecos
Description	The GECOS field; the common name
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreIA5SubstringsMatch

Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	posixAccount

generationQualifier

Name strings typically forming the suffix part of a person's name.

Examples: `Jr.`, `3rd`

OID	2.5.4.44
Names	generationQualifier
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif

gidNumber

OID	1.3.6.1.1.1.1.1
Names	gidNumber
Description	An integer uniquely identifying a group in an administrative domain
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch

Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	posixAccount, posixGroup, sambaGroupMapping, sambaIdmapEntry, sambaUnixIdPool

givenName

Part of a person's name that is neither their surname nor their middle name.

OID	2.5.4.42
Names	givenName
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

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.

OID	2.5.21.10

Names	governingStructureRule
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif

hasSubordinates

Indicates whether the entry has any subordinate entries.

OID	2.5.18.9
Names	hasSubordinates
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	X.501
Schema File	00-core.ldif

healthy

OID	1.3.6.1.4.1.36733.2.1.1.509
Names	healthy
Description	Indicates whether the server is able to handle requests
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true

User Modification Allowed	false
Usage	dSAOperation
Origin	OpenDJ Directory Server
Schema File	00-core.ldif

homeDirectory

OID	1.3.6.1.1.1.1.3
Names	homeDirectory
Description	The absolute path to the home directory
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	posixAccount

homePhone

Home phone number, such as `+1 415 555 1212`.

OID	0.9.2342.19200300.100.1.20
Names	homePhone, homeTelephoneNumber
Equality Matching Rule	telephoneNumberMatch
Substring Matching Rule	telephoneNumberSubstringsMatch
Syntax	Telephone Number
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotPerson

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.

OID	0.9.2342.19200300.100.1.39
Names	homePostalAddress
Equality Matching Rule	caseIgnoreListMatch
Substring Matching Rule	caseIgnoreListSubstringsMatch
Syntax	Postal Address
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotPerson

host

Hostname of a computer, generally as a fully qualified domain name such as `server.example.com`.

OID	0.9.2342.19200300.100.1.9
Names	host
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	account

houseIdentifier

OID	2.5.4.51
Names	houseIdentifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif

includedAttributes

In a changelog entry, holds the attributes on the entry prior to the change.

OID	1.3.6.1.4.1.36733.2.1.1.6
Names	includedAttributes
Description	A set of attributes which were part of the entry before the changes were applied
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDJ Directory Server

Schema File	03-changelog.ldif

inetUserHttpURL

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.693
Names	inetUserHttpURL
Description	A users Web addresses
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Nortel subscriber interoperability
Schema File	60-identity-store-ds-schema.ldif
Used By	inetuser

inetUserStatus

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.692
Names	inetUserStatus
Description	"active", "inactive", or "deleted" status of a user
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	Nortel subscriber interoperability
Schema File	60-identity-store-ds-schema.ldif
Used By	inetuser

info

General information associated with the object represented by the directory entry. Applications should not ascribe specific semantics to the value of this attribute.

OID	0.9.2342.19200300.100.1.4
Names	info
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	pilotObject

inheritable

OID	1.3.6.1.4.1.7628.5.4.1
Names	inheritable
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	false
Usage	dSAOperation
Origin	draft-ietf-ldup-subentry
Schema File	00-core.ldif

Used By	inheritableLDAPSubEntry

inheritAttribute

Holds the name of a collective attribute to inherit.

OID	1.3.6.1.4.1.26027.1.1.625
Names	inheritAttribute
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	00-core.ldif
Used By	inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry

inheritFromBaseRDN

Holds the RDN of the base entry under which the entries are found from which to inherit collective attributes.

OID	1.3.6.1.4.1.26027.1.1.622
Names	inheritFromBaseRDN
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server

Schema File	00-core.ldif
Used By	inheritedFromRDNCollectiveAttributeSubentry

inheritFromDNAttribute

Holds the DN-syntax attribute specifying the entry from which to inherit collective attributes.

OID	1.3.6.1.4.1.26027.1.1.621
Names	inheritFromDNAttribute
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	00-core.ldif
Used By	inheritedFromDNCollectiveAttributeSubentry

inheritFromRDNAttribute

Holds the RDN attribute of the entry from which to inherit collective attributes.

OID	1.3.6.1.4.1.26027.1.1.624
Names	inheritFromRDNAttribute
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	00-core.ldif
Used By	inheritedFromRDNCollectiveAttributeSubentry

inheritFromRDNType

Holds the RDN attribute type of the entry from which to inherit collective attributes.

OID	1.3.6.1.4.1.26027.1.1.623
Names	inheritFromRDNType
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	OpenDS Directory Server
Schema File	00-core.ldif
Used By	inheritedFromRDNCollectiveAttributeSubentry

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.

OID	2.5.4.43
Names	initials
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

internationaliSDNNumber

Integrated Services Digital Network (ISDN) addresses, as specified by the International Telecommunication Union (ITU) Recommendation E.164.

OID	2.5.4.25
Names	internationaliSDNNumber
Equality Matching Rule	numericStringMatch
Ordering Matching Rule	numericStringOrderingMatch
Substring Matching Rule	numericStringSubstringsMatch
Syntax	Numeric String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

ipHostNumber

OID	1.3.6.1.1.1.1.19
Names	ipHostNumber
Description	IPv4 addresses as a dotted decimal omitting leading zeros or IPv6 addresses as defined in RFC2373
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis

Schema File	04-rfc2307bis.ldif
Used By	ipHost

iplanet-am-auth-configuration

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.62
Names	iplanet-am-auth-configuration
Description	Authentication Configuration
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-auth-configuration-service

iplanet-am-auth-login-failure-url

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.64
Names	iplanet-am-auth-login-failure-url
Description	Redirection URL for Failed User Authentication
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-auth-configuration-service

iplanet-am-auth-login-success-url

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.63
Names	iplanet-am-auth-login-success-url
Description	Redirection URL After Successful Login
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-auth-configuration-service

iplanet-am-auth-post-login-process-class

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.65
Names	iplanet-am-auth-post-login-process-class
Description	Class Name for Post Authentication Processing
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-auth-configuration-service

iplanet-am-session-destroy-sessions

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1069
Names	iplanet-am-session-destroy-sessions
Description	Destroy Session
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-session-service

iplanet-am-session-get-valid-sessions

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1068
Names	iplanet-am-session-get-valid-sessions
Description	Get Valid Sessions
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-session-service

iplanet-am-session-max-caching-time

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1067
Names	iplanet-am-session-max-caching-time
Description	Max Session Caching Time
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-session-service

iplanet-am-session-max-idle-time

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1066
Names	iplanet-am-session-max-idle-time
Description	Max Session Idle Time

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-session-service

iplanet-am-session-max-session-time

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1065
Names	iplanet-am-session-max-session-time
Description	Max Service Time
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-session-service

iplanet-am-session-quota-limit

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.752

Names	iplanet-am-session-quota-limit
Description	Session Quota Constraints
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-session-service

iplanet-am-session-service-status

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1053
Names	iplanet-am-session-service-status
Description	Session Service Status
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-session-service

iplanet-am-user-account-life

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.976
Names	iplanet-am-user-account-life
Description	User Account Life
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-managed-person

iplanet-am-user-admin-start-dn

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1072
Names	iplanet-am-user-admin-start-dn
Description	Starting DN for Admin User
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-alias-list

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.59
Names	iplanet-am-user-alias-list
Description	User Alias Names List
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-auth-config

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.58
Names	iplanet-am-user-auth-config
Description	User Authentication Configuration
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-auth-modules

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1071
Names	iplanet-am-user-auth-modules
Description	User Auth Modules
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-failure-url

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.72
Names	iplanet-am-user-failure-url
Description	Redirection URL for Failed User Authentication
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-federation-info-key

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.73
Names	iplanet-am-user-federation-info-key
Description	User Federation Information Key
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunFederationManagerDataStore

iplanet-am-user-federation-info

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.74
Names	iplanet-am-user-federation-info
Description	User Federation Information
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunFederationManagerDataStore

iplanet-am-user-login-status

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1074
Names	iplanet-am-user-login-status
Description	User Login Status
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-password-reset-force-reset

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.591
Names	iplanet-am-user-password-reset-force-reset
Description	Password Reset Force Reset password
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-password-reset-options

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.589
Names	iplanet-am-user-password-reset-options
Description	Password Reset Options
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

iplanet-am-user-password-reset-question-answer

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.590
Names	iplanet-am-user-password-reset-question-answer
Description	Password Reset User Question Answer
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

Used By	iplanet-am-user-service

iplanet-am-user-service-status

This attribute type stores AM profile information.

OID	2.16.840.1.113730.3.1.1073
Names	iplanet-am-user-service-status
Description	User Service Status
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

iplanet-am-user-success-url

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.71
Names	iplanet-am-user-success-url
Description	Redirection URL for Successful User Authentication
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO

Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

ipNetmaskNumber

OID	1.3.6.1.1.1.1.21
Names	ipNetmaskNumber
Description	IP netmask as a dotted decimal, eg. 255.255.255.0, omitting leading zeros
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	ipNetwork

ipNetworkNumber

OID	1.3.6.1.1.1.1.20
Names	ipNetworkNumber
Description	IP network as a dotted decimal, eg. 192.168, omitting leading zeros
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis

Schema File	04-rfc2307bis.ldif
Used By	ipNetwork

ipProtocolNumber

OID	1.3.6.1.1.1.1.17
Names	ipProtocolNumber
Description	IP protocol number
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	ipProtocol

ipServicePort

OID	1.3.6.1.1.1.1.15
Names	ipServicePort
Description	Service port number
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

Used By	ipService

ipServiceProtocol

OID	1.3.6.1.1.1.1.16
Names	ipServiceProtocol
Description	Service protocol name
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	ipService

ipTnetNumber

OID	1.3.6.1.4.1.42.2.27.5.1.68
Names	ipTnetNumber
Description	Trusted Solaris network template ip_address
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif

Used By	ipTnetHost

ipTnetTemplateName

OID	1.3.6.1.4.1.42.2.27.5.1.67
Names	ipTnetTemplateName
Description	Trusted Solaris network template template_name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	ipTnetTemplate

isMemberOf

Shows group DNs of which this entry is a member.

OID	1.3.6.1.4.1.42.2.27.9.1.792
Names	isMemberOf
Description	Sun-defined attribute type
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	false
Usage	directoryOperation
Origin	Sun Java System Directory Server
Schema File	00-core.ldif

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`.

OID	0.9.2342.19200300.100.1.46
Names	janetMailbox
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotPerson

javaClassName

Case-sensitive fully qualified name of a Java class or interface.

OID	1.3.6.1.4.1.42.2.27.4.1.6
Names	javaClassName
Description	Fully qualified name of distinguished Java class or interface
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	RFC 2713
Schema File	03-rfc2713.ldif
Used By	javaMarshalledObject, javaNamingReference, javaObject, javaSerializedObject

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.

OID	1.3.6.1.4.1.42.2.27.4.1.13
Names	javaClassNames
Description	Fully qualified Java class or interface name
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2713
Schema File	03-rfc2713.ldif
Used By	javaMarshalledObject, javaNamingReference, javaObject, javaSerializedObject

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.

OID	1.3.6.1.4.1.42.2.27.4.1.7
Names	javaCodebase
Description	URL(s) specifying the location of class definition
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2713
Schema File	03-rfc2713.ldif
Used By	javaMarshalledObject, javaNamingReference, javaObject, javaSerializedObject

javaDoc

URL to the Javadoc for the object.

OID	1.3.6.1.4.1.42.2.27.4.1.12
Names	javaDoc
Description	The Java documentation for the class
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2713
Schema File	03-rfc2713.ldif
Used By	javaMarshalledObject, javaNamingReference, javaObject, javaSerializedObject

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.

OID	1.3.6.1.4.1.42.2.27.4.1.10
Names	javaFactory
Description	Fully qualified Java class name of a JNDI object factory
Equality Matching Rule	caseExactMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2713
Schema File	03-rfc2713.ldif
Used By	javaNamingReference

javaReferenceAddress

Sequence of addresses of a JNDI reference. Each value represents and object of type `javax.naming.RefAddr`, 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`.

OID	1.3.6.1.4.1.42.2.27.4.1.11
Names	javaReferenceAddress
Description	Addresses associated with a JNDI Reference
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	RFC 2713
Schema File	03-rfc2713.ldif
Used By	javaNamingReference

javaSerializedData

A serialized Java object. For details, see the *Java Object Serialization Specification*.

OID	1.3.6.1.4.1.42.2.27.4.1.8
Names	javaSerializedData
Description	Serialized form of a Java object
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2713
Schema File	03-rfc2713.ldif
Used By	javaMarshalledObject, javaSerializedObject

jpegPhoto

An image of a person in the JPEG File Interchange Format (JFIF).

OID	0.9.2342.19200300.100.1.60
Names	jpegPhoto
Description	a JPEG image
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	JPEG
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotObject

kbaActiveIndex

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.1.6
Names	kbaActiveIndex
Description	Knowledge Based Authentication Active Index
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-kba.ldif
Used By	kbaInfoContainer

kbaInfo

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.1.5
Names	kbaInfo
Description	Knowledge Based Authentication information is stored in this attribute
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-kba.ldif
Used By	kbaInfoContainer

kbaInfoAttempts

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.1.7
Names	kbaInfoAttempts
Description	Knowledge Based Authentication Attempts information is stored in this attribute
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-kba.ldif
Used By	kbaInfoContainer

knowledgeInformation

According to the specification, "This attribute is no longer used."

OID	2.5.4.2
Names	knowledgeInformation
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2256
Schema File	00-core.ldif
Used By	dSA, pilotDSA

l

Name of a locality or place, such as a city, country or geographic region.

OID	2.5.4.7
Names	l, localityName
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	account, applicationEntity, applicationProcess, dNSDomain, dSA, device, dmd, document, documentSeries, domain, fr-idm-managed-user-explicit, inetOrgPerson, ipHost, ipNetwork, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotDSA, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent, untypedObject

labeledURI

A URI with an optional label, as described in RFC 2079.

Example: `https://forgerock.com ForgeRock Home Page`

OID	1.3.6.1.4.1.250.1.57
Names	labeledURI
Description	Uniform Resource Identifier with optional label
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2079
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, labeledURIObject, sunRealmService, sunservice, sunservicecomponent

labeledURL

OID	1.3.6.1.4.1.250.1.41
Names	labeledURL
Description	Uniform Resource Locator with optional label
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2079
Schema File	00-core.ldif

lastChangeNumber

Holds the newest change number in the changelog.

OID	1.3.6.1.4.1.26027.1.1.594
Names	lastChangeNumber
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	00-core.ldif

lastEmailSent

OID	1.3.6.1.4.1.36733.2.2.1.8
Names	lastEmailSent
Description	When the last email was sent to a user
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-auth-configuration-service

lastExternalChangelogCookie

Holds the most recent cookie (cross domain state) available.

OID	1.3.6.1.4.1.26027.1.1.585

Names	lastExternalChangelogCookie
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	00-core.ldif

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.

OID	0.9.2342.19200300.100.1.24
Names	lastModifiedBy
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotObject

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.

OID	0.9.2342.19200300.100.1.23
Names	lastModifiedTime
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotObject

ldapSyntaxes

This operational attribute used in LDAP schema defines syntaxes, which specify encodings used in LDAP.

OID	1.3.6.1.4.1.1466.101.120.16
Names	ldapSyntaxes
Equality Matching Rule	objectIdentifierFirstComponentMatch
Syntax	LDAP Syntax Description
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif

loginShell

OID	1.3.6.1.1.1.1.4
Names	loginShell
Description	The path to the login shell
Equality Matching Rule	caseExactIA5Match

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	posixAccount

macAddress

OID	1.3.6.1.1.1.1.22
Names	macAddress
Description	MAC address in maximal, colon separated hex notation, eg. 00:00:92:90:ee:e2
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	ieee802Device

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.

OID	0.9.2342.19200300.100.1.3
Names	mail, rfc822Mailbox
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreIA5SubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, mailGroup, pilotPerson

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.

OID	0.9.2342.19200300.100.1.47
Names	mailPreferenceOption
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotPerson

manager

DNs of manager entries for the entry of a person or entity.

OID	0.9.2342.19200300.100.1.10
Names	manager
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, ipHost, ipNetwork, pilotObject

matchingRules

This operational attribute used in LDAP schema defines matching rules, which specify how values of attributes are matched and compared.

OID	2.5.21.4
Names	matchingRules
Equality Matching Rule	objectIdentifierFirstComponentMatch
Syntax	Matching Rule Description
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif
Used By	subschema

matchingRuleUse

This operational attribute used in LDAP schema defines matching rule uses, which list attributes that can be used with an `extensibleMatch` search filter.

OID	2.5.21.8
Names	matchingRuleUse
Equality Matching Rule	objectIdentifierFirstComponentMatch
Syntax	Matching Rule Use Description
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif
Used By	subschema

mDRecord

A type MD (mail destination) DNS resource record.

OID	0.9.2342.19200300.100.1.27
Names	mDRecord
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Origin	RFC 1274
Schema File	00-core.ldif
Used By	dNSDomain

member

Distinguished names of objects that are part of a group.

OID	2.5.4.31
Names	member
Superior Type	distinguishedName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	groupOfEntries, groupOfNames

memberGid

OID	1.3.6.1.4.1.42.2.27.5.1.30
Names	memberGid
Description	Posix Group Name
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisProject

memberNisNetgroup

OID	1.3.6.1.1.1.1.13
Names	memberNisNetgroup
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactIA5SubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisNetgroup

memberof

This attribute type stores AM profile information.

OID	1.2.840.113556.1.2.102
Names	memberof
Description	Group that the entry belongs to
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	iPlanet Delegated Administrator

Schema File	60-identity-store-ds-schema.ldif
Used By	inetuser

memberUid

OID	1.3.6.1.1.1.1.12
Names	memberUid
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	SolarisProject, posixGroup

memberURL

Holds LDAP URLs specifying dynamic group membership.

OID	2.16.840.1.113730.3.1.198
Names	memberURL
Description	Sun-defined attribute type
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Sun Java System Directory Server

Schema File	00-core.ldif
Used By	groupOfURLs

mgrpRFC822MailMember

OID	2.16.840.1.113730.3.1.30
Names	mgrpRFC822MailMember
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	mailGroup

mobile

Mobile phone number, such as `+1 415 555 1212`.

OID	0.9.2342.19200300.100.1.41
Names	mobile, mobileTelephoneNumber
Equality Matching Rule	telephoneNumberMatch
Substring Matching Rule	telephoneNumberSubstringsMatch
Syntax	Telephone Number
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotPerson

modifiersName

For entries updated over protocol (by an LDAP modify request, for example), this operational attribute indicates the DN of the creator's entry.

OID	2.5.18.4
Names	modifiersName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif

modifyTimestamp

For entries updated over protocol (by an LDAP modify request, for example), this operational attribute reflects the time the entry was last modified.

OID	2.5.18.2
Names	modifyTimestamp
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif

mxRecord

A type MX (mail exchange) DNS resource record.

OID	0.9.2342.19200300.100.1.28
Names	mxRecord
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	dNSDomain

name

Base type for user attribute types with name syntax.

OID	2.5.4.41
Names	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif

nameForms

This operational attribute used in LDAP schema defines name forms, which specify naming relations for structural object classes.

OID	2.5.21.7

Names	nameForms
Equality Matching Rule	objectIdentifierFirstComponentMatch
Syntax	Name Form Description
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif
Used By	subschema

namingContexts

This operational attribute indicates the base DNs mastered or shadowed by this server.

OID	1.3.6.1.4.1.1466.101.120.5
Names	namingContexts
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 4512
Schema File	00-core.ldif

newRDN

OID	2.16.840.1.113730.3.1.9
Names	newRDN
Description	the new RDN of an entry which is the target of a modrdn operation
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-good-ldap-changelog
Schema File	03-changelog.ldif
Used By	changeLogEntry

newSuperior

OID	2.16.840.1.113730.3.1.11
Names	newSuperior
Description	the new parent of an entry which is the target of a moddn operation
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-good-ldap-changelog
Schema File	03-changelog.ldif
Used By	changeLogEntry

nisDomain

OID	1.3.6.1.1.1.1.30
Names	nisDomain
Description	NIS domain
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisDomainObject

nisMapEntry

OID	1.3.6.1.1.1.1.27
Names	nisMapEntry
Description	A generic NIS entry
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactIA5SubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisObject

nisMapName

OID	1.3.6.1.1.1.1.26
Names	nisMapName
Description	Name of a A generic NIS map
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisMap, nisObject

nisNetgroupTriple

OID	1.3.6.1.1.1.1.14
Names	nisNetgroupTriple
Description	Netgroup triple
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisNetgroup

nisNetIdGroup

OID	1.3.6.1.4.1.42.2.27.1.1.13
Names	nisNetIdGroup
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	nisNetId

nisNetIdHost

OID	1.3.6.1.4.1.42.2.27.1.1.14
Names	nisNetIdHost
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	nisNetId

nisNetIdUser

OID	1.3.6.1.4.1.42.2.27.1.1.12
Names	nisNetIdUser
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific

Schema File	05-solaris.ldif
Used By	nisNetId

nisplusTimeZone

OID	1.3.6.1.4.1.42.2.27.5.1.57
Names	nisplusTimeZone
Description	tzone column from NIS+ timezone table
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	nisplusTimeZoneData

nisPublicKey

OID	1.3.6.1.1.1.1.28
Names	nisPublicKey
Description	NIS public key
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisKeyObject

nisSecretKey

OID	1.3.6.1.1.1.1.29
Names	nisSecretKey
Description	NIS secret key
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisKeyObject

nsds50ruv

DSEE attribute holding the internal state of the replica from the replication update vector.

OID	2.16.840.1.113730.3.1.587
Names	nsds50ruv
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Sun Directory Server
Schema File	06-compat.ldif

nSRecord

A type NS (name server) DNS resource record.

OID	0.9.2342.19200300.100.1.29
Names	nSRecord
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	dNSDomain

nsUniqueId

DSEE attribute holding an entry UUID.

OID	2.16.840.1.113730.3.1.542
Names	nsUniqueId
Description	Sun-defined unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	Sun Java System Directory Server
Schema File	00-core.ldif

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.

OID	1.3.6.1.4.1.453.16.2.103
Names	numSubordinates
Description	Count of immediate subordinates
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	draft-ietf-boreham-numsubordinates
Schema File	00-core.ldif

O

X.500 `organizationName` attribute for the name of an organization.

Example: `ForgeRock, Inc.`

OID	2.5.4.10
Names	o, organizationName
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519

Schema File	00-core.ldif
Used By	account, applicationEntity, dNSDomain, dSA, device, document, documentSeries, domain, fr-idm-managed-user-explicit, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, organization, pilotDSA, pilotOrganization, rFC822LocalPart, sunRealmService, untypedObject

oath2faEnabled

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.1.131
Names	oath2faEnabled
Description	Indicator for enabling of OATH 2FA
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-auth-configuration-service

oathDeviceProfiles

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.1.10
Names	oathDeviceProfiles
Description	OATH device profiles string
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-oathdevices.ldif
Used By	oathDeviceProfilesContainer

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.

OID	2.5.4.0
Names	objectClass
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4512
Schema File	00-core.ldif
Used By	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, 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-work-queue, ds-root-dse, ds-virtual-static-group, fr-idm-cluster-obj, fr-idm-generic-obj, fr-idm-internal-role, fr-idm-internal-user, fr-idm-link, fr-idm-lock, fr-idm-managed-role, fr-idm-managed-user, fr-idm-managed-user-explicit, fr-idm-recon-clusteredTargetIds, 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, javaMarshalledObject, 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, sambaIdmapEntry, sambaPrivilege, sambaSamAccount, sambaShare, sambaSidEntry, sambaTrustPassword, sambaUnixIdPool, shadowAccount, simpleSecurityObject, slpService, slpServicePrinter, strongAuthenticationUser, subentry, sunAMAuthAccountLockout, sunFMSAML2NameIdentifier, sunFederationManagerDataStore, sunIdentityServerLibertyPPService, sunPrinter, sunRealmService, sunservice, sunservicecomponent, top, uddiAddress, uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiContact, uddiPublisherAssertion, uddiTModel, uddiTModelInstanceInfo, uddiv3EntityObituary, uddiv3Subscription, uidObject, untypedObject, userSecurityInformation, webauthnDeviceProfilesContainer, ds-backup-directory, ds-backup-info, ds-cfg-access-control-handler, ds-cfg-access-log-filtering-criteria, ds-cfg-access-log-publisher, ds-cfg-account-status-notification-handler, ds-cfg-admin-endpoint, ds-cfg-administration-connector, ds-cfg-aes-password-storage-scheme, ds-cfg-alert-handler, ds-cfg-alive-endpoint, ds-cfg-anonymous-sasl-mechanism-handler, ds-cfg-attribute-cleanup-plugin, ds-cfg-attribute-value-password-validator, ds-cfg-authentication-policy, ds-cfg-backend, ds-cfg-backend-index, ds-cfg-backend-vlv-index, ds-cfg-backup-backend, ds-cfg-base64-password-storage-scheme, ds-cfg-bcrypt-password-storage-scheme, ds-cfg-blind-trust-manager-provider, ds-cfg-blowfish-password-storage-scheme, ds-cfg-branch, ds-cfg-cancel-extended-operation-handler, ds-cfg-certificate-mapper, ds-cfg-change-number-control-plugin, ds-cfg-character-set-password-validator, ds-cfg-cipher-key, ds-cfg-clear-password-storage-scheme, ds-cfg-collective-attribute-subentries-virtual-attribute, ds-cfg-common-audit-access-log-publisher, ds-cfg-config-file-handler-backend, ds-cfg-connection-handler, ds-cfg-core-schema, ds-cfg-cram-md5-sasl-mechanism-handler, ds-cfg-crest-metrics-endpoint, ds-cfg-crypt-password-storage-scheme, ds-cfg-crypto-manager, ds-cfg-csv-file-access-log-publisher, ds-cfg-csv-file-http-access-log-publisher, ds-cfg-debug-log-publisher, ds-cfg-debug-target, ds-cfg-dictionary-password-validator, ds-cfg-digest-md5-sasl-mechanism-handler, ds-cfg-dsee-compat-access-control-handler, ds-cfg-

dynamic-group-implementation, ds-cfg-entity-tag-virtual-attribute, ds-cfg-entry-cache, ds-cfg-entry-dn-virtual-attribute, ds-cfg-entry-uuid-plugin, ds-cfg-entry-uuid-virtual-attribute, ds-cfg-error-log-account-status-notification-handler, ds-cfg-error-log-publisher, ds-cfg-exact-match-identity-mapper, ds-cfg-extended-operation-handler, ds-cfg-extension, ds-cfg-external-access-log-publisher, ds-cfg-external-changelog-domain, ds-cfg-external-http-access-log-publisher, ds-cfg-external-sasl-mechanism-handler, ds-cfg-fifo-entry-cache, ds-cfg-file-based-access-log-publisher, ds-cfg-file-based-audit-log-publisher, ds-cfg-file-based-debug-log-publisher, ds-cfg-file-based-error-log-publisher, ds-cfg-file-based-http-access-log-publisher, ds-cfg-file-based-key-manager-provider, ds-cfg-file-based-trust-manager-provider, ds-cfg-file-count-log-retention-policy, ds-cfg-file-system-entry-cache, ds-cfg-fingerprint-certificate-mapper, ds-cfg-fixed-time-log-rotation-policy, ds-cfg-fractional-ldif-import-plugin, ds-cfg-free-disk-space-log-retention-policy, ds-cfg-get-connection-id-extended-operation-handler, ds-cfg-get-symmetric-key-extended-operation-handler, ds-cfg-global-access-control-policy, ds-cfg-governing-structure-rule-virtual-attribute, ds-cfg-graphite-monitor-reporter-plugin, ds-cfg-group-implementation, ds-cfg-gssapi-sasl-mechanism-handler, ds-cfg-has-subordinates-virtual-attribute, ds-cfg-healthy-endpoint, ds-cfg-http-access-log-publisher, ds-cfg-http-anonymous-authorization-mechanism, ds-cfg-http-authorization-mechanism, ds-cfg-http-basic-authorization-mechanism, ds-cfg-http-connection-handler, ds-cfg-http-endpoint, ds-cfg-http-oauth2-authorization-mechanism, ds-cfg-http-oauth2-cts-authorization-mechanism, ds-cfg-http-oauth2-file-authorization-mechanism, ds-cfg-http-oauth2-openam-authorization-mechanism, ds-cfg-http-oauth2-token-introspection-authorization-mechanism, ds-cfg-identity-mapper, ds-cfg-instance-key, ds-cfg-is-member-of-virtual-attribute, ds-cfg-je-backend, ds-cfg-jmx-alert-handler, ds-cfg-jmx-connection-handler, ds-cfg-json-equality-matching-rule, ds-cfg-json-file-access-log-publisher, ds-cfg-json-file-http-access-log-publisher, ds-cfg-json-ordering-matching-rule, ds-cfg-json-query-equality-matching-rule, ds-cfg-jvm-key-manager-provider, ds-cfg-jvm-trust-manager-provider, ds-cfg-key-manager-provider, ds-cfg-last-mod-plugin, ds-cfg-ldap-attribute-description-list-plugin, ds-cfg-ldap-connection-handler, ds-cfg-ldap-key-manager-provider, ds-cfg-ldap-pass-through-authentication-policy, ds-cfg-ldap-trust-manager-provider, ds-cfg-ldif-backend, ds-cfg-ldif-connection-handler, ds-cfg-length-based-password-validator, ds-cfg-local-backend, ds-cfg-local-backend-workflow-element, ds-cfg-log-publisher, ds-cfg-log-retention-policy, ds-cfg-log-rotation-policy, ds-cfg-mac-key, ds-cfg-md5-password-storage-scheme, ds-cfg-member-virtual-attribute, ds-cfg-memory-backend, ds-cfg-monitor-backend, ds-cfg-network-group, ds-cfg-network-group-plugin, ds-cfg-null-backend, ds-cfg-num-subordinates-virtual-attribute, ds-cfg-password-expiration-time-virtual-attribute, ds-cfg-password-generator, ds-cfg-password-modify-extended-operation-handler, ds-cfg-password-policy, ds-cfg-password-policy-import-plugin, ds-cfg-password-policy-state-extended-operation-handler, ds-cfg-password-policy-subentry-virtual-attribute, ds-cfg-password-storage-scheme, ds-cfg-password-validator, ds-cfg-pbkdf2-password-storage-scheme, ds-cfg-pkcs11-key-manager-provider, ds-cfg-pkcs11-trust-manager-provider, ds-cfg-pkcs5s2-password-storage-scheme, ds-cfg-plain-sasl-mechanism-handler, ds-cfg-pluggable-backend, ds-cfg-plugin, ds-cfg-plugin-root, ds-cfg-policy-based-access-control-handler, ds-cfg-profiler-plugin, ds-cfg-prometheus-endpoint, ds-cfg-proxy-backend, ds-cfg-qos-policy, ds-cfg-random-password-generator, ds-cfg-rc4-password-storage-scheme, ds-cfg-referential-integrity-plugin, ds-cfg-regular-expression-identity-mapper, ds-cfg-repeated-characters-password-validator, ds-cfg-replication-domain, ds-cfg-replication-server, ds-cfg-replication-service-discovery-mechanism, ds-cfg-replication-synchronization-provider, ds-cfg-

request-filtering-qos-policy, ds-cfg-resource-limits-qos-policy, ds-cfg-rest2ldap-endpoint, ds-cfg-root-config, ds-cfg-root-dse-backend, ds-cfg-salted-md5-password-storage-scheme, ds-cfg-salted-sha1-password-storage-scheme, ds-cfg-salted-sha256-password-storage-scheme, ds-cfg-salted-sha384-password-storage-scheme, ds-cfg-salted-sha512-password-storage-scheme, ds-cfg-samba-password-plugin, ds-cfg-sasl-mechanism-handler, ds-cfg-schema-backend, ds-cfg-schema-provider, ds-cfg-self-signed-cert-request, ds-cfg-service-discovery-mechanism, ds-cfg-seven-bit-clean-plugin, ds-cfg-sha1-password-storage-scheme, ds-cfg-similarity-based-password-validator, ds-cfg-size-limit-log-retention-policy, ds-cfg-size-limit-log-rotation-policy, ds-cfg-smtp-account-status-notification-handler, ds-cfg-smtp-alert-handler, ds-cfg-snmp-connection-handler, ds-cfg-soft-reference-entry-cache, ds-cfg-start-tls-extended-operation-handler, ds-cfg-static-group-implementation, ds-cfg-static-service-discovery-mechanism, ds-cfg-structural-object-class-virtual-attribute, ds-cfg-subject-attribute-to-user-attribute-certificate-mapper, ds-cfg-subject-dn-to-user-attribute-certificate-mapper, ds-cfg-subject-equals-dn-certificate-mapper, ds-cfg-subschema-subentry-virtual-attribute, ds-cfg-synchronization-provider, ds-cfg-task-backend, ds-cfg-time-limit-log-rotation-policy, ds-cfg-traditional-work-queue, ds-cfg-triple-des-password-storage-scheme, ds-cfg-trust-manager-provider, ds-cfg-trust-store-backend, ds-cfg-unique-attribute-plugin, ds-cfg-unique-characters-password-validator, ds-cfg-user-defined-virtual-attribute, ds-cfg-virtual-attribute, ds-cfg-virtual-static-group-implementation, ds-cfg-who-am-i-extended-operation-handler, ds-cfg-work-queue, ds-cfg-workflow, ds-cfg-workflow-element, ds-keystore-object, ds-keystore-private-key, ds-keystore-secret-key, ds-keystore-trusted-certificate, ds-recurring-task, ds-task, ds-task-add-schema-file, ds-task-backup, ds-task-disconnect, ds-task-export, ds-task-import, ds-task-initialize-from-remote-replica, ds-task-initialize-remote-replica, ds-task-purge-conflicts-historical, ds-task-rebuild, ds-task-reset-change-number, ds-task-reset-generation-id, ds-task-restore, ds-task-shutdown

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.

OID	2.5.21.6
Names	objectClasses
Equality Matching Rule	objectIdentifierFirstComponentMatch
Syntax	Object Class Description
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif
Used By	subschema

objectclassMap

OID	1.3.6.1.4.1.11.1.3.1.1.11
Names	objectclassMap
Description	Object class mappings used, required, or supported by an agent or service
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

oncRpcNumber

OID	1.3.6.1.1.1.1.18
Names	oncRpcNumber
Description	ONC RPC number
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	oncRpc

organizationalStatus

Categories to refer to a person in an organization, such as `professor` or `staff`.

Similar attributes include `title` and `userClass`.

OID	0.9.2342.19200300.100.1.45
Names	organizationalStatus
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	pilotPerson

otherMailbox

An electronic mailbox address of a type other than X.400 or RFC 822.

OID	0.9.2342.19200300.100.1.22
Names	otherMailbox
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotPerson

ou

X.500 `organizationalUnitName` attribute for the name of an organizational unit.

Example: `Product Development`

OID	2.5.4.11
Names	organizationalUnitName, ou
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	account, applicationEntity, applicationProcess, dSA, device, document, documentSeries, fr-idm-managed-user-explicit, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, organizationalPerson, organizationalRole, organizationalUnit, pilotDSA, pilotOrganization, sunservice, sunservicecomponent, untypedObject

owner

Distinguished names of objects with an ownership relationship to the current object.

OID	2.5.4.32
Names	owner
Superior Type	distinguishedName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Origin	RFC 4519
Schema File	00-core.ldif
Used By	device, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, untypedObject

pager

Pager phone number, such as `+1 415 555 1212`.

OID	0.9.2342.19200300.100.1.42
Names	pager, pagerTelephoneNumber
Equality Matching Rule	telephoneNumberMatch
Substring Matching Rule	telephoneNumberSubstringsMatch
Syntax	Telephone Number
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotPerson

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.

OID	0.9.2342.19200300.100.1.53
Names	personalSignature
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Binary
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotPerson

personalTitle

Personal title for a person, such as `Dr.` or `Professor`.

OID	0.9.2342.19200300.100.1.40
Names	personalTitle
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	pilotPerson

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.

OID	0.9.2342.19200300.100.1.7
Names	photo
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotObject

physicalDeliveryOfficeName

A name used by the postal service to identify a post office.

OID	2.5.4.19
Names	physicalDeliveryOfficeName
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

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`.

OID	2.5.4.16
Names	postalAddress
Equality Matching Rule	caseIgnoreListMatch
Substring Matching Rule	caseIgnoreListSubstringsMatch

Syntax	Postal Address
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

postalCode

A code used by the postal service to identify postal service zones.

OID	2.5.4.17
Names	postalCode
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

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.

OID	2.5.4.18

Names	postOfficeBox
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

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`.

OID	2.5.4.28
Names	preferredDeliveryMethod
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Delivery Method
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, sunservicecomponent

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`.

OID	2.16.840.1.113730.3.1.39
Names	preferredLanguage
Description	preferred written or spoken language for a person
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, iPlanetPreferences, inetOrgPerson

preferredLocale

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.1466.101.120.42
Names	preferredLocale
Description	preferred locale for a person
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	iPlanet
Schema File	60-identity-store-ds-schema.ldif
Used By	iPlanetPreferences

preferredServerList

OID	1.3.6.1.4.1.11.1.3.1.1.2
Names	preferredServerList
Description	List of preferred servers
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

preferredTimeZone

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.1466.101.120.43
Names	preferredTimeZone
Description	preferred time zone for a person
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	iPlanet
Schema File	60-identity-store-ds-schema.ldif
Used By	iPlanetPreferences

presentationAddress

An OSI presentation address.

OID	2.5.4.29
Names	presentationAddress
Equality Matching Rule	presentationAddressMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Presentation Address
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2256
Schema File	00-core.ldif
Used By	applicationEntity, dSA, pilotDSA

printer-aliases

OID	1.3.18.0.2.4.1108
Names	printer-aliases
Description	List of site-specific administrative names of this printer in addition to the value specified for printer-name.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerLPR

printer-charset-configured

OID	1.3.18.0.2.4.1109
Names	printer-charset-configured
Description	The configured charset in which error and status messages will be generated (by default) by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-charset-supported

OID	1.3.18.0.2.4.1131
Names	printer-charset-supported
Description	Set of charsets supported for the attribute values of syntax DirectoryString for this directory entry.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-color-supported

OID	1.3.18.0.2.4.1129
Names	printer-color-supported
Description	Indicates whether this printer is capable of any type of color printing at all, including highlight color.
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-compression-supported

OID	1.3.18.0.2.4.1128
Names	printer-compression-supported
Description	Compression algorithms supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-copies-supported

OID	1.3.18.0.2.4.1118
Names	printer-copies-supported
Description	The maximum number of copies of a document that may be printed as a single job on this printer.
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-current-operator

OID	1.3.18.0.2.4.1112
Names	printer-current-operator
Description	The identity of the current human operator responsible for operating this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-delivery-orientation-supported

OID	1.3.18.0.2.4.1114
Names	printer-delivery-orientation-supported
Description	The possible delivery orientations of pages as they are printed and ejected from this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-document-format-supported

OID	1.3.18.0.2.4.1130
Names	printer-document-format-supported
Description	The possible source document formats which may be interpreted and printed by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-finishings-supported

OID	1.3.18.0.2.4.1125
Names	printer-finishings-supported
Description	The possible finishing operations supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-generated-natural-language-supported

OID	1.3.18.0.2.4.1137
Names	printer-generated-natural-language-supported
Description	Natural language(s) supported for this directory entry.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-info

OID	1.3.18.0.2.4.1139
Names	printer-info
Description	Descriptive information about this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-ipp-versions-supported

OID	1.3.18.0.2.4.1133
Names	printer-ipp-versions-supported
Description	IPP protocol version(s) that this printer supports.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerIPP

printer-job-k-octets-supported

OID	1.3.18.0.2.4.1111
Names	printer-job-k-octets-supported
Description	The maximum size in kilobytes (1,024 octets actually) incoming print job that this printer will accept.
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-job-priority-supported

OID	1.3.18.0.2.4.1110
Names	printer-job-priority-supported
Description	Indicates the number of job priority levels supported by this printer.
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-location

OID	1.3.18.0.2.4.1136
Names	printer-location
Description	The physical location of this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-make-and-model

OID	1.3.18.0.2.4.1138
Names	printer-make-and-model
Description	Make and model of this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-media-local-supported

OID	1.3.18.0.2.4.1117
Names	printer-media-local-supported
Description	Site-specific names of media supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-media-supported

OID	1.3.18.0.2.4.1122
Names	printer-media-supported
Description	The standard names/types/sizes (and optional color suffixes) of the media supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-more-info

OID	1.3.18.0.2.4.1134
Names	printer-more-info
Description	A URI for more information about this specific printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-multiple-document-jobs-supported

OID	1.3.18.0.2.4.1132
Names	printer-multiple-document-jobs-supported
Description	Indicates whether this printer supports more than one document per job.
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerIPP, printerService, printerServiceAuxClass

printer-name

OID	1.3.18.0.2.4.1135
Names	printer-name
Description	The site-specific administrative name of this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerLPR, printerService, printerServiceAuxClass, sunPrinter

printer-natural-language-configured

OID	1.3.18.0.2.4.1119
Names	printer-natural-language-configured
Description	The configured natural language in which error and status messages will be generated (by default) by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-number-up-supported

OID	1.3.18.0.2.4.1124
Names	printer-number-up-supported
Description	The possible numbers of print-stream pages to impose upon a single side of an instance of a selected medium.
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-output-features-supported

OID	1.3.18.0.2.4.1116
Names	printer-output-features-supported
Description	The possible output features supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-pages-per-minute-color

OID	1.3.18.0.2.4.1126
Names	printer-pages-per-minute-color
Description	The nominal number of color pages per minute which may be output by this printer.
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-pages-per-minute

OID	1.3.18.0.2.4.1127
Names	printer-pages-per-minute
Description	The nominal number of pages per minute which may be output by this printer.
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-print-quality-supported

OID	1.3.18.0.2.4.1120
Names	printer-print-quality-supported
Description	List of print qualities supported for printing documents on this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-resolution-supported

OID	1.3.18.0.2.4.1121
Names	printer-resolution-supported
Description	List of resolutions supported for printing documents by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-service-person

OID	1.3.18.0.2.4.1113
Names	printer-service-person
Description	The identity of the current human service person responsible for servicing this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-sides-supported

OID	1.3.18.0.2.4.1123
Names	printer-sides-supported
Description	The number of impression sides (one or two) and the two-sided impression rotations supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-stacking-order-supported

OID	1.3.18.0.2.4.1115
Names	printer-stacking-order-supported
Description	The possible stacking order of pages as they are printed and ejected from this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerAbstract, printerService, printerServiceAuxClass

printer-uri

OID	1.3.18.0.2.4.1140
Names	printer-uri
Description	A URI supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerService, printerServiceAuxClass

printer-xri-supported

OID	1.3.18.0.2.4.1107
Names	printer-xri-supported
Description	The unordered list of XRI (extended resource identifiers) supported by this printer.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 3712
Schema File	03-rfc3712.ldif
Used By	printerService, printerServiceAuxClass

profileTTL

OID	1.3.6.1.4.1.11.1.3.1.1.7
Names	profileTTL
Description	Time to live, in seconds, before a profile is considered stale
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

protocolInformation

Used with a `presentationAddress` attribute to provide additional information to the OSI network service.

OID	2.5.4.48
Names	protocolInformation
Equality Matching Rule	protocolInformationMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Protocol Information
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2256
Schema File	00-core.ldif

pushDeviceProfiles

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.1.11
Names	pushDeviceProfiles
Description	Push device profiles string
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-pushdevices.ldif
Used By	pushDeviceProfilesContainer

pwdAccountLockedTime

Timestamp when the account was last locked, where 000001010000Z means the account has been locked permanently.

OID	1.3.6.1.4.1.42.2.27.8.1.17
Names	pwdAccountLockedTime
Description	The time an user account was locked
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

pwdAllowUserChange

Whether users can change their own passwords.

OID	1.3.6.1.4.1.42.2.27.8.1.14
Names	pwdAllowUserChange
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdAttribute

Name of the attribute to which the password policy applies.

OID	1.3.6.1.4.1.42.2.27.8.1.1
Names	pwdAttribute
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdChangedTime

Timestamp of last password change.

OID	1.3.6.1.4.1.42.2.27.8.1.16
Names	pwdChangedTime
Description	The time the password was last changed
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	false

Usage	directoryOperation
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

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.

OID	1.3.6.1.4.1.42.2.27.8.1.5
Names	pwdCheckQuality
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	fr-idm-managed-user-explicit, pwdPolicy

pwdExpireWarning

Maximum number of seconds before expiry to begin returning errors to the user binding to the directory.

OID	1.3.6.1.4.1.42.2.27.8.1.7
Names	pwdExpireWarning
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	fr-idm-managed-user-explicit, pwdPolicy

pwdFailureCountInterval

Number of seconds after which failures are purged from the failure counter.

OID	1.3.6.1.4.1.42.2.27.8.1.12
Names	pwdFailureCountInterval
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdFailureTime

Timestamp of the last consecutive authentication failure.

OID	1.3.6.1.4.1.42.2.27.8.1.19
Names	pwdFailureTime
Description	The timestamps of the last consecutive authentication failures
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Generalized Time
Single Value	false: multiple values allowed
User Modification Allowed	false
Usage	directoryOperation
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

pwdGraceAuthNLimit

Number of times an expired password can be used to authenticate.

OID	1.3.6.1.4.1.42.2.27.8.1.8
Names	pwdGraceAuthNLimit
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdGraceUseTime

Timestamps of grace authentications after a password expired.

OID	1.3.6.1.4.1.42.2.27.8.1.21
Names	pwdGraceUseTime
Description	The timestamps of the grace authentication after the password has expired
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	false: multiple values allowed
User Modification Allowed	false
Usage	directoryOperation
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

pwdHistory

History of previously used passwords.

OID	1.3.6.1.4.1.42.2.27.8.1.20
Names	pwdHistory
Description	The history of user s passwords
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	false: multiple values allowed
User Modification Allowed	false
Usage	directoryOperation
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

pwdInHistory

Maximum number of passwords stored in the `pwdHistory` attribute.

OID	1.3.6.1.4.1.42.2.27.8.1.4
Names	pwdInHistory
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch

Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdLockout

Whether the password can no longer used to authenticate when `pwdMaxFailure` has been reached.

OID	1.3.6.1.4.1.42.2.27.8.1.9
Names	pwdLockout
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdLockoutDuration

Number of seconds when the password can not be used to authenticate after `pwdMaxFailure` has been reached.

OID	1.3.6.1.4.1.42.2.27.8.1.10
Names	pwdLockoutDuration
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdMaxAge

Number of seconds after which a password expires.

OID	1.3.6.1.4.1.42.2.27.8.1.3
Names	pwdMaxAge
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdMaxFailure

Maximum number of consecutive failed bind attempts allowed before the account is locked.

OID	1.3.6.1.4.1.42.2.27.8.1.11
Names	pwdMaxFailure
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch

Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdMinAge

Minimum number of seconds between modifications to the password.

OID	1.3.6.1.4.1.42.2.27.8.1.2
Names	pwdMinAge
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdMinLength

Minimum number of characters in a password.

OID	1.3.6.1.4.1.42.2.27.8.1.6
Names	pwdMinLength
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch

Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	fr-idm-managed-user-explicit, pwdPolicy

pwdMustChange

Whether users much change their passwords when first binding or after a password reset.

OID	1.3.6.1.4.1.42.2.27.8.1.13
Names	pwdMustChange
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

pwdPolicySubentry

Pointer to the password policy subentry for the current entry.

OID	1.3.6.1.4.1.42.2.27.8.1.23
Names	pwdPolicySubentry
Description	The pwdPolicy subentry in effect for this object
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN

Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

pwdReset

Whether the password has been reset by an administrator, and must be changed by the user.

OID	1.3.6.1.4.1.42.2.27.8.1.22
Names	pwdReset
Description	The indication that the password has been reset
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

pwdSafeModify

Whether the existing password must be supplied when changing passwords.

OID	1.3.6.1.4.1.42.2.27.8.1.15
Names	pwdSafeModify
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-behera-ldap-password-policy

Schema File	01-pwpolicy.ldif
Used By	pwdPolicy

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`

OID	2.16.840.1.113730.3.1.34
Names	ref
Description	named reference - a labeledURI
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	distributedOperation
Origin	RFC 3296
Schema File	00-core.ldif
Used By	referral

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`.

OID	2.5.4.26
Names	registeredAddress
Superior Type	postalAddress
Equality Matching Rule	caseIgnoreListMatch

Substring Matching Rule	caseIgnoreListSubstringsMatch
Syntax	Postal Address
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

replicaIdentifier

Uniquely identifies a replica in a topology.

OID	1.3.6.1.4.1.42.2.27.9.1.724
Names	replicaIdentifier
Description	the OpenDS replication domain server identifier for the change
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	03-changelog.ldif

replicationCSN

Holds a replication change sequence number.

OID	1.3.6.1.4.1.42.2.27.9.1.725
Names	replicationCSN

Description	The OpenDS replication change number for the change
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	03-changelog.ldif

retryLimitNodeCount

OID	1.3.6.1.4.1.36733.2.2.1.9
Names	retryLimitNodeCount
Description	Counters for attempts of retryLimitNodes
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-auth-configuration-service

rfc822mailMember

OID	1.3.6.1.4.1.42.2.27.2.1.15
Names	rfc822mailMember
Description	rfc822 mail addresss of group member

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	nisMailAlias

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.

OID	2.5.4.33
Names	roleOccupant
Superior Type	distinguishedName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	organizationalRole

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.

OID	0.9.2342.19200300.100.1.6
Names	roomNumber
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotPerson, room

sambaAcctFlags

OID	1.3.6.1.4.1.7165.2.1.26
Names	sambaAcctFlags
Description	Account Flags
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaAlgorithmicRidBase

OID	1.3.6.1.4.1.7165.2.1.40
Names	sambaAlgorithmicRidBase

Description	Base at which the samba RID generation algorithm should operate
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaBadPasswordCount

OID	1.3.6.1.4.1.7165.2.1.48
Names	sambaBadPasswordCount
Description	Bad password attempt count
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaBadPasswordTime

OID	1.3.6.1.4.1.7165.2.1.49
Names	sambaBadPasswordTime
Description	Time of the last bad password attempt
Equality Matching Rule	integerMatch

Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaBoolOption

OID	1.3.6.1.4.1.7165.2.1.43
Names	sambaBoolOption
Description	A boolean option
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaConfigOption

sambaDomainName

OID	1.3.6.1.4.1.7165.2.1.38
Names	sambaDomainName
Description	Windows NT domain to which the user belongs
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain, sambaSamAccount, sambaTrustPassword

sambaForceLogoff

OID	1.3.6.1.4.1.7165.2.1.66
Names	sambaForceLogoff
Description	Disconnect Users outside logon hours (default: -1 => off, 0 => on)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaGroupType

OID	1.3.6.1.4.1.7165.2.1.19
Names	sambaGroupType
Description	NT Group Type
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications

Schema File	05-samba.ldif
Used By	sambaGroupMapping

sambaHomeDrive

OID	1.3.6.1.4.1.7165.2.1.33
Names	sambaHomeDrive
Description	Driver letter of home directory mapping
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaHomePath

OID	1.3.6.1.4.1.7165.2.1.37
Names	sambaHomePath
Description	Home directory UNC path
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaIntegerOption

OID	1.3.6.1.4.1.7165.2.1.44
Names	sambaIntegerOption
Description	An integer option
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaConfigOption

sambaKickoffTime

OID	1.3.6.1.4.1.7165.2.1.32
Names	sambaKickoffTime
Description	Timestamp of when the user will be logged off automatically
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaLMPassword

OID	1.3.6.1.4.1.7165.2.1.24

Names	sambaLMPassword
Description	LanManager Password
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaLockoutDuration

OID	1.3.6.1.4.1.7165.2.1.63
Names	sambaLockoutDuration
Description	Lockout duration in minutes (default: 30, -1 => forever)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaLockoutObservationWindow

OID	1.3.6.1.4.1.7165.2.1.64
Names	sambaLockoutObservationWindow
Description	Reset time after lockout in minutes (default: 30)

Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaLockoutThreshold

OID	1.3.6.1.4.1.7165.2.1.65
Names	sambaLockoutThreshold
Description	Lockout users after bad logon attempts (default: 0 => off)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaLogoffTime

OID	1.3.6.1.4.1.7165.2.1.31
Names	sambaLogoffTime
Description	Timestamp of last logoff
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch

Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaLogonHours

OID	1.3.6.1.4.1.7165.2.1.55
Names	sambaLogonHours
Description	Logon Hours
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaLogonScript

OID	1.3.6.1.4.1.7165.2.1.34
Names	sambaLogonScript
Description	Logon script path
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true

User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaLogonTime

OID	1.3.6.1.4.1.7165.2.1.30
Names	sambaLogonTime
Description	Timestamp of last logon
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaLogonToChgPwd

OID	1.3.6.1.4.1.7165.2.1.60
Names	sambaLogonToChgPwd
Description	Force Users to logon for password change (default: 0 => off, 2 => on)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications

Schema File	05-samba.ldif
Used By	sambaDomain

sambaMaxPwdAge

OID	1.3.6.1.4.1.7165.2.1.61
Names	sambaMaxPwdAge
Description	Maximum password age, in seconds (default: -1 => never expire passwords)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaMinPwdAge

OID	1.3.6.1.4.1.7165.2.1.62
Names	sambaMinPwdAge
Description	Minimum password age, in seconds (default: 0 => allow immediate password change)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaMinPwdLength

OID	1.3.6.1.4.1.7165.2.1.58
Names	sambaMinPwdLength
Description	Minimal password length (default: 5)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaMungedDial

OID	1.3.6.1.4.1.7165.2.1.47
Names	sambaMungedDial
Description	Base64 encoded user parameter string
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaNextGroupRid

OID	1.3.6.1.4.1.7165.2.1.22

Names	sambaNextGroupRid
Description	Next NT rid to give out for groups
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaNextRid

OID	1.3.6.1.4.1.7165.2.1.39
Names	sambaNextRid
Description	Next NT rid to give out for anything
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaNextUserRid

OID	1.3.6.1.4.1.7165.2.1.21
Names	sambaNextUserRid
Description	Next NT rid to give our for users

Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaNTPassword

OID	1.3.6.1.4.1.7165.2.1.25
Names	sambaNTPassword
Description	MD4 hash of the unicode password
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount, sambaTrustPassword

sambaOptionName

OID	1.3.6.1.4.1.7165.2.1.42
Names	sambaOptionName
Description	Option Name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaConfigOption

sambaPasswordHistory

OID	1.3.6.1.4.1.7165.2.1.54
Names	sambaPasswordHistory
Description	Concatenated MD4 hashes of the unicode passwords used on this account
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaPrimaryGroupSID

OID	1.3.6.1.4.1.7165.2.1.23
Names	sambaPrimaryGroupSID
Description	Primary Group Security ID
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String

Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaPrivilegeList

OID	1.3.6.1.4.1.7165.2.1.52
Names	sambaPrivilegeList
Description	Privileges List
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaPrivilege

sambaProfilePath

OID	1.3.6.1.4.1.7165.2.1.35
Names	sambaProfilePath
Description	Roaming profile path
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaPwdCanChange

OID	1.3.6.1.4.1.7165.2.1.28
Names	sambaPwdCanChange
Description	Timestamp of when the user is allowed to update the password
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaPwdHistoryLength

OID	1.3.6.1.4.1.7165.2.1.59
Names	sambaPwdHistoryLength
Description	Length of Password History Entries (default: 0 => off)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaPwdLastSet

OID	1.3.6.1.4.1.7165.2.1.27
Names	sambaPwdLastSet
Description	Timestamp of the last password update
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount, sambaTrustPassword

sambaPwdMustChange

OID	1.3.6.1.4.1.7165.2.1.29
Names	sambaPwdMustChange
Description	Timestamp of when the password will expire
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

sambaRefuseMachinePwdChange

OID	1.3.6.1.4.1.7165.2.1.67

Names	sambaRefuseMachinePwdChange
Description	Allow Machine Password changes (default: 0 => off)
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain

sambaShareName

OID	1.3.6.1.4.1.7165.2.1.41
Names	sambaShareName
Description	Share Name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaShare

sambaSID

OID	1.3.6.1.4.1.7165.2.1.20
Names	sambaSID
Description	Security ID

Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaDomain, sambaGroupMapping, sambaIdmapEntry, sambaPrivilege, sambaSamAccount, sambaSidEntry, sambaTrustPassword

sambaSIDList

OID	1.3.6.1.4.1.7165.2.1.51
Names	sambaSIDList
Description	Security ID List
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaGroupMapping

sambaStringListOption

OID	1.3.6.1.4.1.7165.2.1.46
Names	sambaStringListOption
Description	A string list option
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaConfigOption

sambaStringOption

OID	1.3.6.1.4.1.7165.2.1.45
Names	sambaStringOption
Description	A string option
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaConfigOption

sambaTrustFlags

OID	1.3.6.1.4.1.7165.2.1.53
Names	sambaTrustFlags
Description	Trust Password Flags
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaTrustPassword

sambaUserWorkstations

OID	1.3.6.1.4.1.7165.2.1.36
Names	sambaUserWorkstations
Description	List of user workstations the user is allowed to logon to
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Schema File	05-samba.ldif
Used By	sambaSamAccount

searchGuide

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

This attribute is superseded by `enhancedSearchGuide`.

OID	2.5.4.14
Names	searchGuide
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Guide
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	country, dNSDomain, dmd, domain, friendlyCountry, locality, organization, organizationalUnit, pilotOrganization, rFC822LocalPart, sunservicecomponent

searchTimeLimit

OID	1.3.6.1.4.1.11.1.3.1.1.3
Names	searchTimeLimit
Description	Maximum time an agent or service allows for a search to complete
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

secretary

DNs of secretary or administrative assistant entries for the entry of a person or entity.

OID	0.9.2342.19200300.100.1.21
Names	secretary
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Origin	RFC 4524
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, pilotPerson

seeAlso

Distinguished names of entries related to the current entry.

OID	2.5.4.34
Names	seeAlso
Superior Type	distinguishedName
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	account, applicationEntity, applicationProcess, dNSDomain, dSA, device, dmd, document, documentSeries, domain, fr-idm-managed-user-explicit, groupOfEntries, groupOfNames, groupOfURLs, groupOfUniqueNames, inetOrgPerson, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, person, pilotDSA, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, room, sunservicecomponent, untypedObject

serialNumber

Serial numbers of a device.

OID	2.5.4.5
Names	serialNumber
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Printable String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	device

service-advert-attribute-authenticator

An SLP attribute authenticator, as described in RFC 2608, Section 9.2: *Authentication Blocks*.

OID	1.3.6.1.4.1.6252.2.27.6.1.7
Names	service-advert-attribute-authenticator
Description	The authenticator for the attribute list, null if none.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2926
Schema File	03-rfc2926.ldif
Used By	slpService, slpServicePrinter

service-advert-scopes

SLP scopes as described in RFC 2608, Section 6.4.1: *Scope Lists in SLP*.

OID	1.3.6.1.4.1.6252.2.27.6.1.5
Names	service-advert-scopes
Description	A list of scopes for a service advertisement.
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2926
Schema File	03-rfc2926.ldif
Used By	slpService, slpServicePrinter

service-advert-service-type

Service-specific type of an SLP `template-type` as described in RFC 2609, Section 2.1: *Service URL Syntax*.

OID	1.3.6.1.4.1.6252.2.27.6.1.4
Names	service-advert-service-type
Description	The service type of the service advertisement, including the "service:" prefix.
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2926
Schema File	03-rfc2926.ldif
Used By	slpService, slpServicePrinter

service-advert-url-authenticator

An SLP URL authenticator, as described in RFC 2608, Section 9.2: *Authentication Blocks*.

OID	1.3.6.1.4.1.6252.2.27.6.1.6
Names	service-advert-url-authenticator

Description	The authenticator for the URL, null if none.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2926
Schema File	03-rfc2926.ldif
Used By	slpService, slpServicePrinter

serviceAuthenticationMethod

OID	1.3.6.1.4.1.11.1.3.1.1.15
Names	serviceAuthenticationMethod
Description	Specifies types authentication methods either used, required, or supported by a particular service
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

serviceCredentialLevel

OID	1.3.6.1.4.1.11.1.3.1.1.13
Names	serviceCredentialLevel

Description	Specifies the type of credentials either used, required, or supported by a specific service
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

serviceSearchDescriptor

OID	1.3.6.1.4.1.11.1.3.1.1.14
Names	serviceSearchDescriptor
Description	Specifies search descriptors required, used, or supported by a particular service or agent
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4876
Schema File	05-rfc4876.ldif
Used By	DUAConfigProfile

shadowExpire

OID	1.3.6.1.1.1.1.10

Names	shadowExpire
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	shadowAccount

shadowFlag

OID	1.3.6.1.1.1.1.11
Names	shadowFlag
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	shadowAccount

shadowInactive

OID	1.3.6.1.1.1.1.9
Names	shadowInactive
Equality Matching Rule	integerMatch

Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	shadowAccount

shadowLastChange

OID	1.3.6.1.1.1.1.5
Names	shadowLastChange
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	shadowAccount

shadowMax

OID	1.3.6.1.1.1.1.7
Names	shadowMax
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch

Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	shadowAccount

shadowMin

OID	1.3.6.1.1.1.1.6
Names	shadowMin
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	shadowAccount

shadowWarning

OID	1.3.6.1.1.1.1.8
Names	shadowWarning
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	shadowAccount

singleLevelQuality

Directory administrators can use this attribute to indicate the data quality at the level immediately below in the DIT.

OID	0.9.2342.19200300.100.1.50
Names	singleLevelQuality
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif

sn

X.500 `surname` attribute that contains the family name of a person.

OID	2.5.4.4
Names	sn, surname
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, organizationalPerson, person, pilotPerson, rFC822LocalPart, residentialPerson

sOARecord

A type SOA (start of authority) DNS resource record.

OID	0.9.2342.19200300.100.1.30
Names	sOARecord
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	dNSDomain

SolarisAttrKeyValue

OID	1.3.6.1.4.1.42.2.27.5.1.4
Names	SolarisAttrKeyValue
Description	Semi-colon separated key=value pairs of attributes
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreIA5SubstringsMatch

Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisAuthAttr, SolarisExecAttr, SolarisProfAttr, SolarisUserAttr, ipTnetTemplate

SolarisAttrLongDesc

OID	1.3.6.1.4.1.42.2.27.5.1.8
Names	SolarisAttrLongDesc
Description	Detail description about an entry
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisAuthAttr, SolarisProfAttr

SolarisAttrReserved1

OID	1.3.6.1.4.1.42.2.27.5.1.13
Names	SolarisAttrReserved1
Description	Reserved for future use
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisAuthAttr, SolarisExecAttr, SolarisProfAttr, SolarisUserAttr

SolarisAttrReserved2

OID	1.3.6.1.4.1.42.2.27.5.1.14
Names	SolarisAttrReserved2
Description	Reserved for future use
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisAuthAttr, SolarisExecAttr, SolarisProfAttr, SolarisUserAttr

SolarisAttrShortDesc

OID	1.3.6.1.4.1.42.2.27.5.1.7
Names	SolarisAttrShortDesc
Description	Short description about an entry, used by GUIs
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisAuthAttr

SolarisAuditAlways

OID	1.3.6.1.4.1.42.2.27.5.1.5
Names	SolarisAuditAlways
Description	Always audited attributes per-user
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisAuditUser

SolarisAuditNever

OID	1.3.6.1.4.1.42.2.27.5.1.6
Names	SolarisAuditNever
Description	Never audited attributes per-user
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisAuditUser

SolarisAuthMethod

OID	1.3.6.1.4.1.42.2.27.5.1.20
Names	SolarisAuthMethod
Description	Authentication method to be used eg. "NS_LDAP_AUTH_NONE", "NS_LDAP_AUTH_SIMPLE" or "NS_LDAP_AUTH_SASL_CRAM_MD5"
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisBindDN

OID	1.3.6.1.4.1.42.2.27.5.1.18
Names	SolarisBindDN
Description	DN to be used to bind to the directory as proxy
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisBindPassword

OID	1.3.6.1.4.1.42.2.27.5.1.19
Names	SolarisBindPassword
Description	Password for bindDN to authenticate to the directory
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisBindTimeLimit

OID	1.3.6.1.4.1.42.2.27.5.1.31
Names	SolarisBindTimeLimit
Description	Time Limit in seconds for bind operations
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisCacheTTL

OID	1.3.6.1.4.1.42.2.27.5.1.17
Names	SolarisCacheTTL
Description	TTL value for the Domain information eg. 1w, 2d, 3h, 10m, or 5s
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisCertificatePassword

OID	1.3.6.1.4.1.42.2.27.5.1.23
Names	SolarisCertificatePassword
Description	Password or PIN that grants access to certificate.
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisCertificatePath

OID	1.3.6.1.4.1.42.2.27.5.1.22
Names	SolarisCertificatePath
Description	Path to certificate file/device
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisDataSearchDN

OID	1.3.6.1.4.1.42.2.27.5.1.24
Names	SolarisDataSearchDN
Description	Search DN for data lookup in ":(DN0),(DN1),..." format
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisKernelSecurityPolicy

OID	1.3.6.1.4.1.42.2.27.5.1.9
Names	SolarisKernelSecurityPolicy
Description	Solaris kernel security policy
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisExecAttr

SolarisLDAPServers

OID	1.3.6.1.4.1.42.2.27.5.1.15
Names	SolarisLDAPServers
Description	LDAP Server address eg. 76.234.3.1:389
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisPreferredServer

OID	1.3.6.1.4.1.42.2.27.5.1.27
Names	SolarisPreferredServer
Description	Preferred LDAP Server address or network number
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisPreferredServerOnly

OID	1.3.6.1.4.1.42.2.27.5.1.28
Names	SolarisPreferredServerOnly
Description	Boolean flag for use of preferredServer or not
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisProfileId

OID	1.3.6.1.4.1.42.2.27.5.1.11
Names	SolarisProfileId
Description	Identifier of object defined in profile
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisExecAttr

SolarisProfileType

OID	1.3.6.1.4.1.42.2.27.5.1.10
Names	SolarisProfileType
Description	Type of object defined in profile
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications

Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisExecAttr

SolarisProjectAttr

OID	1.3.6.1.4.1.42.2.27.5.1.3
Names	SolarisProjectAttr
Description	Attributes of a Solaris Project entry
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisProject

SolarisProjectID

OID	1.3.6.1.4.1.42.2.27.5.1.1
Names	SolarisProjectID
Description	Unique ID for a Solaris Project entry
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific

Schema File	05-solaris.ldif
Used By	SolarisProject

SolarisProjectName

OID	1.3.6.1.4.1.42.2.27.5.1.2
Names	SolarisProjectName
Description	Name of a Solaris Project Entry
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisProject

SolarisSearchBaseDN

OID	1.3.6.1.4.1.42.2.27.5.1.16
Names	SolarisSearchBaseDN
Description	Search Base Distinguished Name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif

Used By	SolarisNamingProfile

SolarisSearchReferral

OID	1.3.6.1.4.1.42.2.27.5.1.29
Names	SolarisSearchReferral
Description	referral chasing option eg. "NS_LDAP_NOREF" or "NS_LDAP_FOLLOWREF"
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisSearchScope

OID	1.3.6.1.4.1.42.2.27.5.1.25
Names	SolarisSearchScope
Description	Scope to be used for search operations eg. "NS_LDAP_SCOPE_BASE", "NS_LDAP_SCOPE_ONELEVEL" or "NS_LDAP_SCOPE_SUBTREE"
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif

Used By	SolarisNamingProfile

SolarisSearchTimeLimit

OID	1.3.6.1.4.1.42.2.27.5.1.26
Names	SolarisSearchTimeLimit
Description	Time Limit in seconds for search operations
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisNamingProfile

SolarisTransportSecurity

OID	1.3.6.1.4.1.42.2.27.5.1.21
Names	SolarisTransportSecurity
Description	Transport Level Security method to be used eg. "NS_LDAP_SEC_NONE" or "NS_LDAP_SEC_SASL_TLS"
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif

| Used By | SolarisNamingProfile |

SolarisUserQualifier

OID	1.3.6.1.4.1.42.2.27.5.1.12
Names	SolarisUserQualifier
Description	Per-user login attributes
Equality Matching Rule	caseIgnoreIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	SolarisUserAttr

st

Full name of a state or province.

OID	2.5.4.8
Names	st, stateOrProvinceName
Superior Type	name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519

Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent, untypedObject

street

Site information for a postal address, such as the street name, place, avenue, and house number.

Example: `1234 Main St.`

OID	2.5.4.9
Names	street, streetAddress
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, locality, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent, untypedObject

structuralObjectClass

Indicates the structural object class of the entry.

OID	2.5.21.9
Names	structuralObjectClass
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID

Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif

subschemaSubentry

This operational attribute indicates the entry holding the LDAP schema definitions that apply to the current entry.

OID	2.5.18.10
Names	subschemaSubentry
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	false
Usage	directoryOperation
Origin	RFC 4512
Schema File	00-core.ldif

subtreeMaximumQuality

Directory administrators can use this attribute to indicate the maximum data quality for a DIT subtree.

The default is the value of `singleLevelQuality`.

OID	0.9.2342.19200300.100.1.52
Names	subtreeMaximumQuality
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	qualityLabelledData

subtreeMinimumQuality

Directory administrators can use this attribute to indicate the minimum data quality for a DIT subtree.

The default is the value of `singleLevelQuality`.

OID	0.9.2342.19200300.100.1.51
Names	subtreeMinimumQuality
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	qualityLabelledData

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.

OID	2.5.18.6
Names	subtreeSpecification
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Subtree Specification
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	RFC 3672
Schema File	00-core.ldif
Used By	inheritedCollectiveAttributeSubentry, inheritedFromDNCollectiveAttributeSubentry, inheritedFromRDNCollectiveAttributeSubentry, subentry

sun-fm-saml2-nameid-info

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.990
Names	sun-fm-saml2-nameid-info
Description	SAML 2.0 Name Identifier Information
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch

Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunFMSAML2NameIdentifier

sun-fm-saml2-nameid-infokey

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.989
Names	sun-fm-saml2-nameid-infokey
Description	SAML 2.0 Name Identifier Information Key
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunFMSAML2NameIdentifier

sun-printer-bsdaddr

OID	1.3.6.1.4.1.42.2.27.5.1.63
Names	sun-printer-bsdaddr
Description	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".

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	sunPrinter

sun-printer-kvp

OID	1.3.6.1.4.1.42.2.27.5.1.64
Names	sun-printer-kvp
Description	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.
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific
Schema File	05-solaris.ldif
Used By	sunPrinter

sunAMAuthInvalidAttemptsData

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.793

Names	sunAMAuthInvalidAttemptsData
Description	XML data for Invalid Login Attempts
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunAMAuthAccountLockout

sunIdentityMSISDNNumber

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.823
Names	sunIdentityMSISDNNumber
Description	User MSISDN Number
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	iplanet-am-user-service

sunIdentityServerDiscoEntries

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.821
Names	sunIdentityServerDiscoEntries
Description	User DiscoEntries
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunFederationManagerDataStore

sunIdentityServerPPAddressCard

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.848
Names	sunIdentityServerPPAddressCard
Description	Liberty PP AddressCard
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPCommonNameAltCN

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.829
Names	sunIdentityServerPPCommonNameAltCN
Description	Liberty PP CommonName Alt CN
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPCommonNameCN

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.825
Names	sunIdentityServerPPCommonNameCN
Description	Liberty PP CommonName CN
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPCommonNameFN

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.826
Names	sunIdentityServerPPCommonNameFN
Description	Liberty PP CommonName FN
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPCommonNameMN

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.828
Names	sunIdentityServerPPCommonNameMN
Description	Liberty PP CommonName MN
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPCommonNamePT

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.830
Names	sunIdentityServerPPCommonNamePT
Description	Liberty PP CommonName PersonalTitle
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPCommonNameSN

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.827
Names	sunIdentityServerPPCommonNameSN
Description	Liberty PP CommonName SN
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPDemographicsAge

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.857
Names	sunIdentityServerPPDemographicsAge
Description	Liberty PP DemographicsAge
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPDemographicsBirthDay

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.858
Names	sunIdentityServerPPDemographicsBirthDay
Description	Liberty PP DemographicsBirthDay
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPDemographicsDisplayLanguage

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.855
Names	sunIdentityServerPPDemographicsDisplayLanguage
Description	Liberty PP DemographicsDisplayLanguage
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPDemographicsLanguage

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.856
Names	sunIdentityServerPPDemographicsLanguage
Description	Liberty PP DemographicsLanguage
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPDemographicsTimeZone

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.859
Names	sunIdentityServerPPDemographicsTimeZone
Description	Liberty PP DemographicsTimeZone
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPEmergencyContact

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.862
Names	sunIdentityServerPPEmergencyContact
Description	Liberty PP EmergencyContact
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPEmploymentIdentityAltO

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.842
Names	sunIdentityServerPPEmploymentIdentityAltO
Description	Liberty PP Alt Orgs
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPEmploymentIdentityJobTitle

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.840
Names	sunIdentityServerPPEmploymentIdentityJobTitle
Description	Liberty PP JobTitle
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPEmploymentIdentityOrg

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.841
Names	sunIdentityServerPPEmploymentIdentityOrg
Description	Liberty PP Org
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPEncryptKey

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.861
Names	sunIdentityServerPPEncryptKey
Description	Liberty PP EncryPTKey
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPFacadegreetmesound

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.854
Names	sunIdentityServerPPFacadegreetmesound
Description	Liberty PP FacadeMeGreetSound
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPFacadeGreetSound

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.853
Names	sunIdentityServerPPFacadeGreetSound
Description	Liberty PP FacadeGreetSound
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPFacadeMugShot

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.850
Names	sunIdentityServerPPFacadeMugShot
Description	Liberty PP FacadeMugShot
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPFacadeNamePronounced

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.852
Names	sunIdentityServerPPFacadeNamePronounced
Description	Liberty PP FacadeNamePronounced
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPFacadeWebSite

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.851
Names	sunIdentityServerPPFacadeWebSite
Description	Liberty PP FacadeWebSite
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPInformalName

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.831
Names	sunIdentityServerPPInformalName
Description	Liberty PP InformalName
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityAltIdType

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.836
Names	sunIdentityServerPPLegalIdentityAltIdType
Description	Liberty PP AltID Type
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityAltIdValue

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.837
Names	sunIdentityServerPPLegalIdentityAltIdValue
Description	Liberty PP AltID Type
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityDOB

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.833
Names	sunIdentityServerPPLegalIdentityDOB
Description	Liberty PP Date of Birth
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityGender

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.835
Names	sunIdentityServerPPLegalIdentityGender
Description	Liberty PP Gender
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityLegalName

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.832
Names	sunIdentityServerPPLegalIdentityLegalName
Description	Liberty PP LegalName
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityMaritalStatus

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.834
Names	sunIdentityServerPPLegalIdentityMaritalStatus
Description	Liberty PP Marital Status
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityVATIdType

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.838
Names	sunIdentityServerPPLegalIdentityVATIdType
Description	Liberty PP IDType
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPLegalIdentityVATIdValue

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.839
Names	sunIdentityServerPPLegalIdentityVATIdValue
Description	Liberty PP IDValue
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPMsgContact

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.849
Names	sunIdentityServerPPMsgContact
Description	Liberty PP MsgContact
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunIdentityServerPPSignKey

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.1.860
Names	sunIdentityServerPPSignKey
Description	Liberty PP SignKey
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications

Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif
Used By	sunIdentityServerLibertyPPService

sunKeyValue

This attribute type stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.1.83
Names	sunKeyValue
Description	Encoded key values of the services
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif
Used By	sunRealmService, sunservice, sunservicecomponent

sunPluginSchema

This attribute type stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.1.82
Names	sunPluginSchema
Description	Plugin schema information
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif
Used By	sunservice

sunserviceID

This attribute type stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.1.79
Names	sunserviceID
Description	Reference to the inherited object
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif
Used By	sunservicecomponent

sunServiceSchema

This attribute type stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.1.78
Names	sunServiceSchema
Description	XML schema of a particular service
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif
Used By	sunservice

sunsmspriority

This attribute type stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.1.81
Names	sunsmspriority
Description	Priority of the service with respect to its siblings
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif
Used By	sunservicecomponent

sunxmlKeyValue

This attribute type stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.1.84
Names	sunxmlKeyValue
Description	Key values in XML format
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif
Used By	sunRealmService, sunservice, sunservicecomponent

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`.

OID	2.5.4.52
Names	supportedAlgorithms
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Supported Algorithm
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4523
Schema File	00-core.ldif
Used By	userSecurityInformation

supportedApplicationContext

Identifiers of OSI application contexts.

OID	2.5.4.30

Names	supportedApplicationContext
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2256
Schema File	00-core.ldif
Used By	applicationEntity, dSA, pilotDSA

supportedAuthPasswordSchemes

Password storage schemes that can be used for `authPassword` values. This attribute is intended only for use on the root DSE.

OID	1.3.6.1.4.1.4203.1.3.3
Names	supportedAuthPasswordSchemes
Description	supported password storage schemes
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 3112
Schema File	03-rfc3112.ldif

supportedControl

This operational attribute indicates LDAP controls supported by this server.

OID	1.3.6.1.4.1.1466.101.120.13

Names	supportedControl
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 4512
Schema File	00-core.ldif

supportedExtension

This operational attribute indicates LDAP extended operations supported by this server.

OID	1.3.6.1.4.1.1466.101.120.7
Names	supportedExtension
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	OID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 4512
Schema File	00-core.ldif

supportedFeatures

This operational attribute indicates optional LDAP features supported by this server.

OID	1.3.6.1.4.1.4203.1.3.5
Names	supportedFeatures
Equality Matching Rule	objectIdentifierMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	OID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 4512
Schema File	00-core.ldif

supportedLDAPVersion

This operational attribute indicates LDAP versions supported by this server.

OID	1.3.6.1.4.1.1466.101.120.15
Names	supportedLDAPVersion
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 4512
Schema File	00-core.ldif

supportedSASLMechanisms

This operational attribute indicates SASL mechanisms supported by this server.

OID	1.3.6.1.4.1.1466.101.120.14
Names	supportedSASLMechanisms
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String

Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	RFC 4512
Schema File	00-core.ldif

supportedTLSCiphers

OID	1.3.6.1.4.1.36733.2.1.1.64
Names	supportedTLSCiphers
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

supportedTLSProtocols

OID	1.3.6.1.4.1.36733.2.1.1.63
Names	supportedTLSProtocols
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	dSAOperation
Origin	OpenDJ Directory Server

Schema File	02-config.ldif

targetDN

OID	2.16.840.1.113730.3.1.6
Names	targetDN
Description	the DN of the entry which was modified
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-good-ldap-changelog
Schema File	03-changelog.ldif
Used By	changeLogEntry

targetEntryUUID

Uniquely identifies an entry that is targeted to be changed.

OID	1.3.6.1.4.1.26027.1.1.590
Names	targetEntryUUID, targetUniqueID
Description	The OpenDS unique id of the entry targeted by the change
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	directoryOperation
Origin	OpenDS Directory Server
Schema File	03-changelog.ldif

telephoneNumber

Phone number in a format complying with the ITU Recommendation E.123, such as `+1 415 555 1212`.

OID	2.5.4.20
Names	telephoneNumber
Equality Matching Rule	telephoneNumberMatch
Substring Matching Rule	telephoneNumberSubstringsMatch
Syntax	Telephone Number
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, documentSeries, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, person, pilotOrganization, pilotPerson, rFC822LocalPart, residentialPerson, room, sunservicecomponent

teletexTerminalIdentifier

This attribute is obsolete since the ITU Recommendation F.200 was withdrawn.

OID	2.5.4.22
Names	teletexTerminalIdentifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Teletex Terminal Identifier
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

telexNumber

Set of strings specifying the telex number, country code, and answerback code of a telex terminal, such as `12345$023$ABCDE`.

OID	2.5.4.21
Names	telexNumber
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Telex Number
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

template-major-version-number

Major component of an SLP `template-version` number for a service type template.

OID	1.3.6.1.4.1.6252.2.27.6.1.1
Names	template-major-version-number
Description	The major version number of the service type template
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2926

Schema File	03-rfc2926.ldif
Used By	slpService, slpServicePrinter

template-minor-version-number

Minor component of an SLP `template-version` number for a service type template.

OID	1.3.6.1.4.1.6252.2.27.6.1.2
Names	template-minor-version-number
Description	The minor version number of the service type template
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2926
Schema File	03-rfc2926.ldif
Used By	slpService, slpServicePrinter

template-url-syntax

ABNF grammar describing the service type specific part of the service URL for an SLP service type template.

OID	1.3.6.1.4.1.6252.2.27.6.1.3
Names	template-url-syntax
Description	An ABNF grammar describing the service type specific part of the service URL
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	IA5 String
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	RFC 2926
Schema File	03-rfc2926.ldif
Used By	slpService, slpServicePrinter

textEncodedORAddress

Text encoding of an X.400 O/R address, as specified in RFC 987.

This attribute was deprecated in 1991.

OID	0.9.2342.19200300.100.1.2
Names	textEncodedORAddress
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 1274
Schema File	00-core.ldif
Used By	pilotPerson

title

Title of a person in their organizational context.

Examples: `Vice President`, `Software Engineer`.

OID	2.5.4.12
Names	title
Superior Type	name
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson, organizationalPerson

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`.

OID	1.3.6.1.1.10.4.19
Names	uddiAccessPoint
Description	entry point address to call a web service
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate

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*.

OID	1.3.6.1.1.10.4.13
Names	uddiAddressLine
Description	address
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiAddress

uddiAuthorizedName

The value of this attribute holds the name of the individual who registered the UDDI business entity or template model.

OID	1.3.6.1.1.10.4.2
Names	uddiAuthorizedName
Description	businessEntity publisher name
Equality Matching Rule	distinguishedNameMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	DN
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity, uddiTModel, uddiv3EntityObituary, uddiv3Subscription

uddiBindingKey

The value of this attribute uniquely identifies a UDDI binding template.

This value should be empty when saving a new UDDI binding template.

OID	1.3.6.1.1.10.4.18
Names	uddiBindingKey
Description	bindingTemplate unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate

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.

OID	1.3.6.1.1.10.4.1
Names	uddiBusinessKey
Description	businessEntity unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true

Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity, uddiBusinessService

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.

OID	1.3.6.1.1.10.4.15
Names	uddiCategoryBag
Description	categorization information
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiTModel

uddiDescription

The value of this attribute localized descriptions.

Each value has the form, `xml:lang-value#description`.

OID	1.3.6.1.1.10.4.5
Names	uddiDescription
Description	short description

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiContact, uddiTModel, uddiTModelInstanceInfo

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`.

OID	1.3.6.1.1.10.4.6
Names	uddiDiscoveryURLs
Description	URL to retrieve a businessEntity instance
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity

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`.

OID	1.3.6.1.1.10.4.10
Names	uddiEMail
Description	e-mail address for contact
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiContact

uddiFromKey

The value of this attribute uniquely references the first business entity for which an assertion is made.

OID	1.3.6.1.1.10.4.25
Names	uddiFromKey
Description	unique businessEntity key reference
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiPublisherAssertion

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.

OID	1.3.6.1.1.10.4.20
Names	uddiHostingRedirector
Description	designates a pointer to another bindingTemplate
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate

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.

OID	1.3.6.1.1.10.4.14
Names	uddiIdentifierBag
Description	identification information
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed

User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity, uddiTModel

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*.

OID	1.3.6.1.1.10.4.21
Names	uddiInstanceDescription
Description	instance details description
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiTModelInstanceInfo

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.

OID	1.3.6.1.1.10.4.22
Names	uddiInstanceParms
Description	URL reference to required settings

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiTModelInstanceInfo

uddiIsHidden

The value of this attribute indicates a deleted template model that is not found in result sets when finding template models.

OID	1.3.6.1.1.10.4.28
Names	uddiIsHidden
Description	isHidden attribute
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiTModel

uddiIsProjection

The value of this attribute indicates a business service that has a service projection.

OID	1.3.6.1.1.10.4.29
Names	uddiIsProjection

Description	isServiceProjection attribute
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessService

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`.

OID	1.3.6.1.1.10.4.16
Names	uddiKeyedReference
Description	categorization information
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiPublisherAssertion

uddiLang

The value of this attribute models the `xml:lang` value for a UDDIv3 address structure.

OID	1.3.6.1.1.10.4.30
Names	uddiLang
Description	xml:lang value in v3 Address structure
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiAddress

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.

OID	1.3.6.1.1.10.4.4
Names	uddiName
Description	human readable name
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity, uddiBusinessService, uddiTModel

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.

OID	1.3.6.1.1.10.4.3
Names	uddiOperator
Description	registry site operator of businessEntitys master copy
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity, uddiTModel

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*.

OID	1.3.6.1.1.10.4.23
Names	uddiOverviewDescription
Description	outlines tModel usage
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true

Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiTModel, uddiTModelInstanceInfo

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.

OID	1.3.6.1.1.10.4.24
Names	uddiOverviewURL
Description	URL reference to overview document
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiTModel, uddiTModelInstanceInfo

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`.

OID	1.3.6.1.1.10.4.8
Names	uddiPersonName
Description	name of person or job role available for contact
Equality Matching Rule	caseIgnoreMatch

Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiContact

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`.

OID	1.3.6.1.1.10.4.9
Names	uddiPhone
Description	telephone number for contact
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiContact

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.

OID	1.3.6.1.1.10.4.17
Names	uddiServiceKey
Description	businessService unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiBusinessService

uddiSortCode

The value of this attribute drives behavior of external display mechanisms that sort addresses.

This is deprecated in UDDIv3.

OID	1.3.6.1.1.10.4.11
Names	uddiSortCode
Description	specifies an external disply mechanism
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif

| *Used By* | uddiAddress |

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.

OID	1.3.6.1.1.10.4.12
Names	uddiTModelKey
Description	tModel unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiAddress, uddiTModel, uddiTModelInstanceInfo

uddiToKey

The value of this attribute uniquely references the second business entity for which an assertion is made.

OID	1.3.6.1.1.10.4.26
Names	uddiToKey
Description	unique businessEntity key reference
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiPublisherAssertion

uddiUseType

The value of this attribute holds text describing a type of contact or address.

Examples: `technical contact`, `billing department`.

OID	1.3.6.1.1.10.4.7
Names	uddiUseType
Description	name of convention the referenced document follows
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiAddress, uddiContact

uddiUUID

The value of this attribute uniquely a UDDI contact, address, or publisher assertion.

OID	1.3.6.1.1.10.4.27
Names	uddiUUID
Description	unique attribute

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiAddress, uddiContact, uddiPublisherAssertion, uddiv3EntityObituary, uddiv3Subscription

uddiv3BindingKey

The value of this attribute holds a unique, UDDIv3 identifier for a binding template.

OID	1.3.6.1.1.10.4.33
Names	uddiv3BindingKey
Description	UDDIv3 BindingTemplate unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiv3Subscription

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.

OID	1.3.6.1.1.10.4.43
Names	uddiv3BriefResponse
Description	UDDIv3 Subscription ExpiresAfter field
Equality Matching Rule	booleanMatch
Syntax	Boolean
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiv3Subscription

uddiv3BusinessKey

The value of this attribute holds a unique, UDDIv3 identifier for a business entity.

OID	1.3.6.1.1.10.4.31
Names	uddiv3BusinessKey
Description	UDDIv3 businessEntity unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity, uddiBusinessService

uddiv3DigitalSignature

The value of this attribute holds an XML digital signature for a UDDI entity.

OID	1.3.6.1.1.10.4.35
Names	uddiv3DigitalSignature
Description	UDDIv3 entity digital signature
Equality Matching Rule	caseExactMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiPublisherAssertion, uddiTModel

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.

OID	1.3.6.1.1.10.4.45
Names	uddiv3EntityCreationTime
Description	UDDIv3 Entity Creation Time
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiBusinessService, uddiv3EntityObituary

uddiv3EntityDeletionTime

The value of this attribute holds the deletion time for a UDDI entity that is deleted in an entity obituary.

OID	1.3.6.1.1.10.4.46
Names	uddiv3EntityDeletionTime
Description	UDDIv3 Entity Deletion Time
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiv3EntityObituary

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.

OID	1.3.6.1.1.10.4.44
Names	uddiv3EntityKey
Description	UDDIv3 Entity unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403

Schema File	03-uddiv3.ldif
Used By	uddiv3EntityObituary

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.

OID	1.3.6.1.1.10.4.37
Names	uddiv3EntityModificationTime
Description	UDDIv3 Last Modified Time for Entity
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBusinessEntity, uddiBusinessService

uddiv3ExpiresAfter

The value of this attribute specifies the expiry time for a subscription. Its type is `xsd:dateTime`.

OID	1.3.6.1.1.10.4.42
Names	uddiv3ExpiresAfter
Description	UDDIv3 Subscription ExpiresAfter field
Equality Matching Rule	generalizedTimeMatch
Ordering Matching Rule	generalizedTimeOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Generalized Time
Single Value	true

User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiv3Subscription

uddiv3MaxEntities

The value of this attribute specifies the maximum number of entities that are returned as part of a subscription notification.

OID	1.3.6.1.1.10.4.41
Names	uddiv3MaxEntities
Description	UDDIv3 Subscription maxEntities field
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiv3Subscription

uddiv3NodeId

The value of this attribute holds a node identity for a UDDIv3 node.

OID	1.3.6.1.1.10.4.36
Names	uddiv3NodeId
Description	UDDIv3 Node Identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch

Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiBusinessEntity, uddiBusinessService, uddiPublisherAssertion, uddiTModel, uddiv3EntityObituary, uddiv3Subscription

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.

OID	1.3.6.1.1.10.4.40
Names	uddiv3NotificationInterval
Description	UDDIv3 Notification Interval
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiv3Subscription

uddiv3ServiceKey

The value of this attribute holds a unique, UDDIv3 identifier for a business service.

OID	1.3.6.1.1.10.4.32
Names	uddiv3ServiceKey
Description	UDDIv3 businessService unique identifier

Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiBindingTemplate, uddiBusinessService

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.

OID	1.3.6.1.1.10.4.39
Names	uddiv3SubscriptionFilter
Description	UDDIv3 Subscription Filter
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiv3Subscription

uddiv3SubscriptionKey

The value of this attribute holds a unique, UDDIv3 identifier for a subscription entity.

OID	1.3.6.1.1.10.4.38

Names	uddiv3SubscriptionKey
Description	UDDIv3 Subscription unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiv3Subscription

uddiv3TModelKey

The value of this attribute holds a unique, UDDIv3 identifier for a template model.

OID	1.3.6.1.1.10.4.34
Names	uddiv3TModelKey
Description	UDDIv3 TModel unique identifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4403
Schema File	03-uddiv3.ldif
Used By	uddiAddress, uddiTModel, uddiTModelInstanceInfo

uid

Computer system login names associated with the entry.

Example: `bjensen`, `root`.

OID	0.9.2342.19200300.100.1.1
Names	uid, userid
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	account, fr-idm-managed-user-explicit, inetOrgPerson, inetuser, pilotPerson, posixAccount, sambaSamAccount, shadowAccount, uidObject, untypedObject

uidNumber

OID	1.3.6.1.1.1.1.0
Names	uidNumber
Description	An integer uniquely identifying a user in an administrative domain
Equality Matching Rule	integerMatch
Ordering Matching Rule	integerOrderingMatch
Substring Matching Rule	caseExactSubstringsMatch
Syntax	Integer
Single Value	true
User Modification Allowed	true
Usage	userApplications
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif
Used By	nisKeyObject, posixAccount, sambaIdmapEntry, sambaUnixIdPool

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.

OID	0.9.2342.19200300.100.1.44
Names	uniqueIdentifier
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524
Schema File	00-core.ldif
Used By	pilotObject

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.

OID	2.5.4.50
Names	uniqueMember
Equality Matching Rule	uniqueMemberMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Name and Optional UID
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	groupOfUniqueNames

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`.

OID	2.5.4.36
Names	userCertificate
Equality Matching Rule	certificateExactMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Certificate
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4523
Schema File	00-core.ldif
Used By	ds-certificate-user, fr-idm-managed-user-explicit, inetOrgPerson, pkiUser, strongAuthenticationUser

userClass

Categories to refer to a computer or application user, such as `full-time employee` or `contractor`.

Similar attributes include `organizationalStatus` and `title`.

OID	0.9.2342.19200300.100.1.8
Names	userClass
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4524

Schema File	00-core.ldif
Used By	pilotPerson

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.

OID	2.5.4.35
Names	userPassword
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Octet String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, inetuser, ipHost, organization, organizationalPerson, organizationalUnit, person, pilotOrganization, pilotPerson, posixAccount, posixGroup, rFC822LocalPart, residentialPerson, shadowAccount, simpleSecurityObject, sunservicecomponent

userPKCS12

PKCS#12 format personal identity information.

Request and transfer values using the binary option for the attribute description, `userPKCS12;binary`.

OID	2.16.840.1.113730.3.1.216
Names	userPKCS12

Description	PKCS #12 PFX PDU for exchange of personal identity information
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Binary
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

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`.

OID	2.16.840.1.113730.3.1.40
Names	userSMIMECertificate
Description	PKCS#7 SignedData used to support S/MIME
Equality Matching Rule	octetStringMatch
Ordering Matching Rule	octetStringOrderingMatch
Syntax	Binary
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 2798
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

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.

OID	1.3.6.1.1.4
Names	vendorName
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	false
Usage	dSAOperation
Origin	RFC 3045
Schema File	00-core.ldif

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.

OID	1.3.6.1.1.5
Names	vendorVersion
Equality Matching Rule	caseExactIA5Match
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	true
User Modification Allowed	false
Usage	dSAOperation
Origin	RFC 3045

Schema File	00-core.ldif

webauthnDeviceProfiles

This attribute type stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.1.12
Names	webauthnDeviceProfiles
Description	WebAuthn device profiles string
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	OpenAM
Schema File	60-identity-store-ds-webauthndevices.ldif
Used By	webauthnDeviceProfilesContainer

winAccountName

OID	1.3.6.1.4.1.42.2.27.5.1.62
Names	winAccountName
Description	Windows user or group Name corresponding to a Unix user or group
Equality Matching Rule	caseIgnoreMatch
Ordering Matching Rule	caseIgnoreOrderingMatch
Substring Matching Rule	caseIgnoreSubstringsMatch
Syntax	Directory String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	Solaris Specific

Schema File	05-solaris.ldif

x121Address

Data network address as defined by ITU Recommendation X.121.

OID	2.5.4.24
Names	x121Address
Equality Matching Rule	numericStringMatch
Ordering Matching Rule	numericStringOrderingMatch
Substring Matching Rule	numericStringSubstringsMatch
Syntax	Numeric String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	dNSDomain, dmd, domain, fr-idm-managed-user-explicit, inetOrgPerson, organization, organizationalPerson, organizationalRole, organizationalUnit, pilotOrganization, rFC822LocalPart, residentialPerson, sunservicecomponent

x500UniqueIdentifier

Binary string used to distinguish between objects that reuse the same distinguished name.

OID	2.5.4.45
Names	x500UniqueIdentifier
Equality Matching Rule	bitStringMatch
Syntax	Bit String
Single Value	false: multiple values allowed
User Modification Allowed	true
Usage	userApplications
Origin	RFC 4519
Schema File	00-core.ldif
Used By	fr-idm-managed-user-explicit, inetOrgPerson

Chapter 2
DIT Content Rules

None defined in the default LDAP schema.

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Chapter 3
DIT Structure Rules

uddiAddressStructureRule

Rule ID	3
Names	uddiAddressStructureRule
Name Form	uddiAddressNameForm
Superior Rules	uddiContactStructureRule
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBindingTemplateStructureRule

Rule ID	5
Names	uddiBindingTemplateStructureRule
Name Form	uddiBindingTemplateNameForm
Superior Rules	uddiBusinessServiceStructureRule
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBusinessEntityStructureRule

Rule ID	1
Names	uddiBusinessEntityStructureRule
Name Form	uddiBusinessEntityNameForm
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBusinessServiceStructureRule

Rule ID	4
Names	uddiBusinessServiceStructureRule
Name Form	uddiBusinessServiceNameForm
Superior Rules	uddiBusinessEntityStructureRule
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiContactStructureRule

Rule ID	2
Names	uddiContactStructureRule
Name Form	uddiContactNameForm
Superior Rules	uddiBusinessEntityStructureRule
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiPublisherAssertionStructureRule

Rule ID	8
Names	uddiPublisherAssertionStructureRule
Name Form	uddiPublisherAssertionNameForm
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiTModelInstanceInfoStructureRule

Rule ID	6
Names	uddiTModelInstanceInfoStructureRule
Name Form	uddiTModelInstanceInfoNameForm
Superior Rules	uddiBindingTemplateStructureRule
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiTModelStructureRule

Rule ID	7
Names	uddiTModelStructureRule
Name Form	uddiTModelNameForm
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiv3EntityObituaryStructureRule

Rule ID	10
Names	uddiv3EntityObituaryStructureRule
Name Form	uddiv3EntityObituaryNameForm
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiv3SubscriptionStructureRule

Rule ID	9
Names	uddiv3SubscriptionStructureRule
Name Form	uddiv3SubscriptionNameForm
Origin	RFC 4403
Schema File	03-uddiv3.ldif

Chapter 4
Matching Rule Uses

None defined in the default LDAP schema.

Chapter 5
Matching Rules

1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6

OID	1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6
Description	Collective Conflict Behavior enumeration ordering matching rule
Syntax	Collective Conflict Behavior
Origin	OpenDJ X-ENUM Syntax

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 `scheme`, `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.

OID	1.3.6.1.4.1.4203.1.2.2
Names	authPasswordExactMatch
Description	authentication password exact matching rule
Syntax	Authentication Password Syntax
Origin	RFC 3112

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.

OID	1.3.6.1.4.1.4203.1.2.3
Names	authPasswordMatch

Description	authentication password matching rule
Syntax	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.

OID	2.5.13.16
Names	bitStringMatch
Syntax	Bit String
Origin	RFC 4517

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.

OID	2.5.13.13
Names	booleanMatch
Syntax	Boolean
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.109.114.1
Names	caseExactIA5Match
Syntax	IA5 String

Origin	RFC 4517

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.

OID	1.3.6.1.4.1.26027.1.4.902
Names	caseExactIA5SubstringsMatch
Syntax	Substring Assertion
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.36733.2.1.4.5
Names	caseExactJsonIdMatch
Syntax	Json
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.4.2
Names	caseExactJsonQueryMatch
Syntax	Json Query
Origin	OpenDJ Directory Server

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.

OID	2.5.13.5
Names	caseExactMatch
Syntax	Directory String
Origin	RFC 4517

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.

OID	2.5.13.6
Names	caseExactOrderingMatch
Syntax	Directory String
Origin	RFC 4517

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.

OID	2.5.13.7
Names	caseExactSubstringsMatch
Syntax	Substring Assertion
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.109.114.2
Names	caseIgnoreIA5Match
Syntax	IA5 String
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.109.114.3
Names	caseIgnoreIA5SubstringsMatch
Syntax	Substring Assertion
Origin	RFC 4517

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`.

OID	1.3.6.1.4.1.36733.2.1.4.4
Names	caseIgnoreJsonIdMatch
Syntax	Json
Origin	OpenDJ Directory Server

caseIgnoreJsonQueryMatch

This matching rule is used for attributes whose values are JSON objects.

Ignore case when finding matches. For example, `Babs` matches `babs`.

OID	1.3.6.1.4.1.36733.2.1.4.1
Names	caseIgnoreJsonQueryMatch
Syntax	Json Query
Origin	OpenDJ Directory Server

caseIgnoreJsonQueryMatchClusterObject

OID	1.3.6.1.4.1.36733.2.3.4.4

Names	caseIgnoreJsonQueryMatchClusterObject
Syntax	Json Query

caseIgnoreJsonQueryMatchManagedRole

OID	1.3.6.1.4.1.36733.2.3.4.2
Names	caseIgnoreJsonQueryMatchManagedRole
Syntax	Json Query

caseIgnoreJsonQueryMatchManagedUser

OID	1.3.6.1.4.1.36733.2.3.4.1
Names	caseIgnoreJsonQueryMatchManagedUser
Syntax	Json Query

caseIgnoreJsonQueryMatchRelationship

OID	1.3.6.1.4.1.36733.2.3.4.3
Names	caseIgnoreJsonQueryMatchRelationship
Syntax	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.

OID	2.5.13.11
Names	caseIgnoreListMatch
Syntax	Postal Address
Origin	RFC 4517

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.

OID	2.5.13.12
Names	caseIgnoreListSubstringsMatch
Syntax	Substring Assertion
Origin	RFC 4517

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.

OID	2.5.13.2
Names	caseIgnoreMatch
Syntax	Directory String
Origin	RFC 4517

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.

OID	2.5.13.3
Names	caseIgnoreOrderingMatch

Syntax	Directory String
Origin	RFC 4517

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.

OID	2.5.13.4
Names	caseIgnoreSubstringsMatch
Syntax	Substring Assertion
Origin	RFC 4517

certificateExactMatch

Compares a certificate exact assertion value with an attribute value of certificate syntax.

OID	2.5.13.34
Names	certificateExactMatch
Syntax	X.509 Certificate Exact Assertion
Origin	RFC 4523

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.

OID	2.5.13.31
Names	directoryStringFirstComponentMatch
Syntax	Directory String
Origin	RFC 4517

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.

OID	2.5.13.1
Names	distinguishedNameMatch
Syntax	DN
Origin	RFC 4517

ds-mr-double-metaphone-approx

OID	1.3.6.1.4.1.26027.1.4.1
Names	ds-mr-double-metaphone-approx
Description	Double Metaphone Approximate Match
Syntax	Directory String
Origin	OpenDS Directory Server

ds-mr-user-password-equality

OID	1.3.6.1.4.1.26027.1.4.3

Names	ds-mr-user-password-equality
Description	user password matching rule
Syntax	Octet String

ds-mr-user-password-exact

OID	1.3.6.1.4.1.26027.1.4.2
Names	ds-mr-user-password-exact
Description	user password exact matching rule
Syntax	User Password
Origin	OpenDS Directory Server

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.

OID	2.5.13.27
Names	generalizedTimeMatch
Syntax	Generalized Time
Origin	RFC 4517

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.

OID	2.5.13.28
Names	generalizedTimeOrderingMatch
Syntax	Generalized Time
Origin	RFC 4517

historicalCsnOrderingMatch

OID	1.3.6.1.4.1.26027.1.4.4
Names	historicalCsnOrderingMatch
Syntax	Octet String

historicalCsnRangeMatch

OID	1.3.6.1.4.1.36733.2.1.4.3
Names	historicalCsnRangeMatch
Syntax	Directory String
Origin	OpenDJ Directory Server

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.

OID	2.5.13.29
Names	integerFirstComponentMatch
Syntax	Integer
Origin	RFC 4517

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.

OID	2.5.13.14
Names	integerMatch
Syntax	Integer
Origin	RFC 4517

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.

OID	2.5.13.15
Names	integerOrderingMatch
Syntax	Integer
Origin	RFC 4517

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

OID	2.5.13.33

Names	keywordMatch
Syntax	Directory String
Origin	RFC 4517

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.

OID	2.5.13.8
Names	numericStringMatch
Syntax	Numeric String
Origin	RFC 4517

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.

OID	2.5.13.9
Names	numericStringOrderingMatch
Syntax	Numeric String
Origin	RFC 4517

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.

OID	2.5.13.10
Names	numericStringSubstringsMatch
Syntax	Substring Assertion
Origin	RFC 4517

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.

OID	2.5.13.30
Names	objectIdentifierFirstComponentMatch
Syntax	OID
Origin	RFC 4517

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.

OID	2.5.13.0
Names	objectIdentifierMatch
Syntax	OID
Origin	RFC 4517

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.

OID	2.5.13.17
Names	octetStringMatch
Syntax	Octet String
Origin	RFC 4517

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.

OID	2.5.13.18
Names	octetStringOrderingMatch
Syntax	Octet String
Origin	RFC 4517

octetStringSubstringsMatch

OID	2.5.13.19
Names	octetStringSubstringsMatch
Syntax	Octet String
Origin	X.500

partialDateAndTimeMatchingRule

OID	1.3.6.1.4.1.26027.1.4.7

Names	partialDateAndTimeMatchingRule
Description	partial date and time matching
Syntax	Generalized Time
Origin	OpenDS Directory Server

presentationAddressMatch

This rule behaves exactly like the `caseIgnoreMatch` rule.

OID	2.5.13.22
Names	presentationAddressMatch
Syntax	Presentation Address
Origin	RFC 2252

protocolInformationMatch

This rule behaves exactly like the `caseIgnoreMatch` rule.

OID	2.5.13.24
Names	protocolInformationMatch
Syntax	Protocol Information
Origin	RFC 2252

relativeTimeGTOrderingMatch

OID	1.3.6.1.4.1.26027.1.4.5
Names	relativeTimeGTOrderingMatch, relativeTimeOrderingMatch.gt
Description	greater-than relative time for time-based searches
Syntax	Generalized Time
Origin	OpenDS Directory Server

relativeTimeLTOrderingMatch

OID	1.3.6.1.4.1.26027.1.4.6

Names	relativeTimeLTOrderingMatch, relativeTimeOrderingMatch.lt
Description	less-than relative time for time-based searches
Syntax	Generalized Time
Origin	OpenDS Directory Server

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.

OID	2.5.13.20
Names	telephoneNumberMatch
Syntax	Telephone Number
Origin	RFC 4517

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.

OID	2.5.13.21
Names	telephoneNumberSubstringsMatch
Syntax	Substring Assertion
Origin	RFC 4517

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.

OID	2.5.13.23
Names	uniqueMemberMatch
Syntax	Name and Optional UID
Origin	RFC 4517

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.

OID	1.3.6.1.1.16.2
Names	uuidMatch
Syntax	UUID
Origin	RFC 4530

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.

OID	1.3.6.1.1.16.3

Names	uuidOrderingMatch
Syntax	UUID
Origin	RFC 4530

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

OID	2.5.13.32
Names	wordMatch
Syntax	Directory String
Origin	RFC 4517

Chapter 6
Name Forms

uddiAddressNameForm

This name form defines the naming attribute for an address.

OID	1.3.6.1.1.10.15.3
Names	uddiAddressNameForm
Structural Object Class	uddiAddress
Required Attributes	uddiUUID
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBindingTemplateNameForm

This name form defines the naming attribute for a binding template.

OID	1.3.6.1.1.10.15.5
Names	uddiBindingTemplateNameForm
Structural Object Class	uddiBindingTemplate
Required Attributes	uddiBindingKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBusinessEntityNameForm

This name form defines the naming attribute for a business entity.

OID	1.3.6.1.1.10.15.1
Names	uddiBusinessEntityNameForm
Structural Object Class	uddiBusinessEntity
Required Attributes	uddiBusinessKey

Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBusinessServiceNameForm

This name form defines the naming attribute for a business service.

OID	1.3.6.1.1.10.15.4
Names	uddiBusinessServiceNameForm
Structural Object Class	uddiBusinessService
Required Attributes	uddiServiceKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiContactNameForm

This name form defines the naming attribute for a contact.

OID	1.3.6.1.1.10.15.2
Names	uddiContactNameForm
Structural Object Class	uddiContact
Required Attributes	uddiUUID
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiPublisherAssertionNameForm

This name form defines the naming attribute for a publisher assertion.

OID	1.3.6.1.1.10.15.8
Names	uddiPublisherAssertionNameForm
Structural Object Class	uddiPublisherAssertion
Required Attributes	uddiUUID
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiTModelInstanceInfoNameForm

This name form defines the naming attribute for a template model instance information object.

OID	1.3.6.1.1.10.15.6
Names	uddiTModelInstanceInfoNameForm
Structural Object Class	uddiTModelInstanceInfo
Required Attributes	uddiTModelKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiTModelNameForm

This name form defines the naming attribute for a name form.

OID	1.3.6.1.1.10.15.7
Names	uddiTModelNameForm
Structural Object Class	uddiTModel
Required Attributes	uddiTModelKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiv3EntityObituaryNameForm

This name form defines the naming attribute for an entry obituary.

OID	1.3.6.1.1.10.15.10
Names	uddiv3EntityObituaryNameForm
Structural Object Class	uddiv3EntityObituary
Required Attributes	uddiUUID
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiv3SubscriptionNameForm

This name form defines the naming attribute for a subscription.

OID	1.3.6.1.1.10.15.9
Names	uddiv3SubscriptionNameForm
Structural Object Class	uddiv3Subscription
Required Attributes	uddiUUID
Origin	RFC 4403
Schema File	03-uddiv3.ldif

Chapter 7
Object Classes

account

Entries of this object class represent computer accounts.

Use `uid` as the naming attribute.

OID	0.9.2342.19200300.100.4.5
Names	account
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uid
Optional Attributes	description, host, l, o, ou, seeAlso
Origin	RFC 4524
Schema File	00-core.ldif

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.

OID	2.5.6.1
Names	alias
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	aliasedObjectName, objectClass
Origin	RFC 4512
Schema File	00-core.ldif

applicationEntity

Represents an OSI application.

OID	2.5.6.12
Names	applicationEntity
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, presentationAddress
Optional Attributes	description, l, o, ou, seeAlso, supportedApplicationContext
Origin	RFC 2256
Schema File	00-core.ldif

applicationProcess

Represents an application executing in a computer system.

OID	2.5.6.11
Names	applicationProcess
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	description, l, ou, seeAlso
Origin	RFC 4519
Schema File	00-core.ldif

authPasswordObject

Entries of this class optionally contain `authPassword` attributes.

OID	1.3.6.1.4.1.4203.1.4.7
Names	authPasswordObject
Description	authentication password mix in class
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

Optional Attributes	authPassword
Origin	RFC 3112
Schema File	03-rfc3112.ldif

automount

OID	1.3.6.1.1.1.2.17
Names	automount
Description	Automount information
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	automountInformation, automountKey, objectClass
Optional Attributes	description
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

automountMap

OID	1.3.6.1.1.1.2.16
Names	automountMap
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	automountMapName, objectClass
Optional Attributes	description
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

bootableDevice

OID	1.3.6.1.1.1.2.12
Names	bootableDevice
Description	A device with boot parameters; device SHOULD be used as a structural class

Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	bootFile, bootParameter
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

calEntry

Entry specifying locations for a calendaring and scheduling client to access a user's calendar and send event requests to the user.

OID	1.2.840.113556.1.5.87
Names	calEntry
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	calCAPURI, calCalAdrURI, calCalURI, calFBURL, calOtherCAPURIs, calOtherCalAdrURIs, calOtherCalURIs, calOtherFBURLs
Origin	RFC 2739
Schema File	03-rfc2739.ldif

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.

OID	2.5.6.16.2
Names	certificationAuthority-V2
Superior Classes	certificationAuthority
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	authorityRevocationList, cACertificate, certificateRevocationList, objectClass

Optional Attributes	crossCertificatePair, deltaRevocationList
Origin	RFC 4523
Schema File	00-core.ldif

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.

OID	2.5.6.16
Names	certificationAuthority
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	authorityRevocationList, cACertificate, certificateRevocationList, objectClass
Optional Attributes	crossCertificatePair
Origin	RFC 4523
Schema File	00-core.ldif

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 `dsreplication 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.

OID	2.16.840.1.113730.3.2.1
Names	changeLogEntry
Superior Classes	top

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	changeNumber, changeTime, changeType, objectClass, targetDN
Optional Attributes	changes, deleteOldRDN, newRDN, newSuperior
Origin	draft-good-ldap-changelog
Schema File	03-changelog.ldif

collectiveAttributeSubentry

Subentry for allocating collective attributes, which are attributes that apply to a group of entries.

OID	2.5.17.2
Names	collectiveAttributeSubentry
Description	LDAP Collective Attributes Subentry class
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Origin	RFC 3671
Schema File	00-core.ldif

container

Microsoft Active Directory object class for an entry used to contain other classes.

OID	1.2.840.113556.1.3.23
Names	container
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Origin	Microsoft Active Directory
Schema File	03-changelog.ldif

corbaContainer

Entry that contains a CORBA object.

OID	1.3.6.1.4.1.42.2.27.4.2.10

Names	corbaContainer
Description	Container for a CORBA object
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Origin	RFC 2714
Schema File	03-rfc2714.ldif

corbaObject

Abstract parent for entries that represent CORBA objects.

OID	1.3.6.1.4.1.42.2.27.4.2.9
Names	corbaObject
Description	CORBA object representation
Superior Classes	top
Class Type	ABSTRACT: for use when defining other object classes.
Required Attributes	objectClass
Optional Attributes	corbaRepositoryId, description
Origin	RFC 2714
Schema File	03-rfc2714.ldif

corbaObjectReference

Entry that represents a reference to a CORBA object.

OID	1.3.6.1.4.1.42.2.27.4.2.11
Names	corbaObjectReference
Description	CORBA interoperable object reference
Superior Classes	corbaObject
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	corbaIor, objectClass
Optional Attributes	corbaRepositoryId, description
Origin	RFC 2714

Schema File	03-rfc2714.ldif

country

Represents a country.

OID	2.5.6.2
Names	country
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	c, objectClass
Optional Attributes	description, searchGuide
Origin	RFC 4519
Schema File	00-core.ldif

cRLDistributionPoint

Object class for augmenting entries that act as certificate revocation list distribution points, as described in X.509 clause 11.1.3.

OID	2.5.6.19
Names	cRLDistributionPoint
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	authorityRevocationList, certificateRevocationList, deltaRevocationList
Origin	RFC 4523
Schema File	00-core.ldif

dcObject

Permits an entry to hold domain component information.

OID	1.3.6.1.4.1.1466.344

Names	dcObject
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	dc, objectClass
Origin	RFC 4519
Schema File	00-core.ldif

deltaCRL

Object class for augmenting entries that hold delta revocation lists, as described in X.509 clause 11.1.4.

OID	2.5.6.23
Names	deltaCRL
Description	X.509 delta CRL
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	deltaRevocationList
Origin	RFC 4523
Schema File	00-core.ldif

device

Represents an appliance, computer, or network element.

OID	2.5.6.14
Names	device
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	description, l, o, ou, owner, seeAlso, serialNumber
Origin	RFC 4519
Schema File	00-core.ldif

devicePrintProfilesContainer

OID	1.3.6.1.4.1.36733.2.2.2.4
Names	devicePrintProfilesContainer
Description	Class containing device print profiles
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	devicePrintProfiles
Origin	OpenAM
Schema File	60-identity-store-ds-deviceprint.ldif

dmd

Represents a Directory Management Domain, which is the administrative authority for this directory server.

OID	2.5.6.20
Names	dmd
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	dmdName, objectClass
Optional Attributes	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
Origin	RFC 2256
Schema File	00-core.ldif

dNSDomain

Entries of this object class represent DNS domains.

OID	0.9.2342.19200300.100.4.15

Names	dNSDomain
Superior Classes	domain
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	dc, objectClass
Optional Attributes	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
Origin	RFC 1274
Schema File	00-core.ldif

document

Entries of this object class represent documents.

OID	0.9.2342.19200300.100.4.6
Names	document
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	documentIdentifier, objectClass
Optional Attributes	cn, description, documentAuthor, documentLocation, documentPublisher, documentTitle, documentVersion, l, o, ou, seeAlso
Origin	RFC 4524
Schema File	00-core.ldif

documentSeries

Entries of this object class represent a series of documents.

OID	0.9.2342.19200300.100.4.9
Names	documentSeries
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

Required Attributes	cn, objectClass
Optional Attributes	description, l, o, ou, seeAlso, telephoneNumber
Origin	RFC 4524
Schema File	00-core.ldif

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.

OID	0.9.2342.19200300.100.4.13
Names	domain
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	dc, objectClass
Optional Attributes	associatedName, businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, o, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
Origin	RFC 4524
Schema File	00-core.ldif

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.

OID	0.9.2342.19200300.100.4.17
Names	domainRelatedObject
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	associatedDomain, objectClass

Origin	RFC 4524
Schema File	00-core.ldif

ds-certificate-user

Object class for a user or application entry with a digital certificate.

OID	1.3.6.1.4.1.26027.1.2.82
Names	ds-certificate-user
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	ds-certificate-fingerprint, ds-certificate-issuer-dn, ds-certificate-subject-dn, userCertificate
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-monitor-backend-db

OID	1.3.6.1.4.1.36733.2.1.2.96
Names	ds-monitor-backend-db
Description	Database backend metrics
Superior Classes	ds-monitor-backend-pluggable
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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-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

Optional Attributes	ds-mon-backend-degraded-index, ds-mon-backend-entry-count, ds-mon-backend-filter-use
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-backend-pluggable

OID	1.3.6.1.4.1.36733.2.1.2.75
Names	ds-monitor-backend-pluggable
Description	Pluggable backend metrics
Superior Classes	ds-monitor-backend
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Optional Attributes	ds-mon-backend-degraded-index, ds-mon-backend-entry-count, ds-mon-backend-filter-use
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-backend-proxy

OID	1.3.6.1.4.1.36733.2.1.2.93
Names	ds-monitor-backend-proxy
Description	Proxy backend metrics
Superior Classes	ds-monitor-backend
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Optional Attributes	ds-mon-backend-entry-count
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-backend

OID	1.3.6.1.4.1.36733.2.1.2.74
Names	ds-monitor-backend
Description	Backend metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-backend-is-private, ds-mon-backend-writability-mode, objectClass, ds-cfg-backend-id
Optional Attributes	ds-mon-backend-entry-count
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-base-dn

OID	1.3.6.1.4.1.36733.2.1.2.94
Names	ds-monitor-base-dn
Description	Metrics for base DN handled in a backend
Superior Classes	ds-monitor-backend
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Optional Attributes	ds-mon-backend-entry-count
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-branch

OID	1.3.6.1.4.1.36733.2.1.2.69
Names	ds-monitor-branch
Description	Glue entry with no metrics of its own
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

Required Attributes	cn, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-certificate

OID	1.3.6.1.4.1.36733.2.1.2.73
Names	ds-monitor-certificate
Description	Key manager certificate metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-alias, ds-mon-certificate-expires-at, ds-mon-certificate-issuer-dn, ds-mon-certificate-serial-number, ds-mon-certificate-subject-dn, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-changelog-domain

OID	1.3.6.1.4.1.36733.2.1.2.89
Names	ds-monitor-changelog-domain
Description	Replication server changelog domain metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-domain-generation-id, ds-mon-domain-name, ds-mon-missing-changes, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-changelog

OID	1.3.6.1.4.1.36733.2.1.2.88
Names	ds-monitor-changelog

Description	Replication server metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, ds-mon-newest-change-number, ds-mon-oldest-change-number, ds-mon-server-id, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-connected-changelog

OID	1.3.6.1.4.1.36733.2.1.2.87
Names	ds-monitor-connected-changelog
Description	Metrics for a remote replication server connected to this replication server
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-current-receive-window, ds-mon-domain-generation-id, ds-mon-missing-changes, ds-mon-server-hostport, ds-mon-server-id, ds-mon-ssl-encryption, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-connected-replica

OID	1.3.6.1.4.1.36733.2.1.2.84
Names	ds-monitor-connected-replica
Description	Metrics for a remote replica connected to this server
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-approx-oldest-change-not-synchronized, ds-mon-approximate-delay, ds-mon-connected-to-server-hostport, ds-mon-connected-to-server-id, ds-mon-current-receive-window, ds-mon-domain-generation-id, ds-mon-missing-changes, ds-mon-server-hostport, ds-mon-server-id, ds-mon-ssl-encryption, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-connection-handler

OID	1.3.6.1.4.1.36733.2.1.2.70
Names	ds-monitor-connection-handler
Description	Connection handler metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-disk-space

OID	1.3.6.1.4.1.36733.2.1.2.78
Names	ds-monitor-disk-space
Description	Monitored disks metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-entry-cache

OID	1.3.6.1.4.1.36733.2.1.2.79
Names	ds-monitor-entry-cache
Description	Entry cache metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

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Required Attributes	cn, ds-mon-cache-entry-count, ds-mon-cache-misses, ds-mon-cache-total-tries, objectClass
Optional Attributes	ds-mon-cache-max-entry-count, ds-mon-cache-max-size-bytes
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-health-status

OID	1.3.6.1.4.1.36733.2.1.2.99
Names	ds-monitor-health-status
Description	The server health status
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-alive, ds-mon-healthy, objectClass
Optional Attributes	ds-mon-alive-errors, ds-mon-healthy-errors
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-http-connection-handler

OID	1.3.6.1.4.1.36733.2.1.2.72
Names	ds-monitor-http-connection-handler
Description	HTTP connection handler metrics
Superior Classes	ds-monitor-connection-handler
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-je-database

OID	1.3.6.1.4.1.36733.2.1.2.77
Names	ds-monitor-je-database
Description	JE database metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-jvm

OID	1.3.6.1.4.1.36733.2.1.2.81
Names	ds-monitor-jvm
Description	JVM metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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-pools-code-cache-init, ds-mon-jvm-memory-pools-code-cache-max, ds-mon-jvm-memory-pools-code-cache-reserved, ds-mon-jvm-memory-pools-code-cache-used, ds-mon-jvm-memory-pools-compressed-class-space-init, ds-mon-jvm-memory-pools-compressed-class-space-max, ds-mon-jvm-memory-pools-compressed-class-space-reserved, ds-mon-jvm-memory-pools-compressed-class-space-used, ds-mon-jvm-memory-pools-metaspace-init, ds-mon-jvm-memory-pools-metaspace-max, ds-mon-jvm-memory-pools-metaspace-reserved, ds-mon-jvm-memory-pools-metaspace-used, ds-mon-jvm-memory-pools-ps-eden-space-init, ds-mon-jvm-memory-pools-ps-eden-space-max, ds-mon-jvm-memory-pools-ps-eden-space-reserved, ds-mon-jvm-memory-pools-ps-eden-space-used, ds-mon-jvm-memory-pools-ps-eden-space-used-after-gc, ds-mon-jvm-memory-pools-ps-old-gen-init, ds-mon-jvm-memory-pools-ps-old-gen-max, ds-mon-jvm-memory-pools-ps-old-gen-reserved, ds-mon-jvm-memory-pools-ps-old-gen-used, ds-mon-jvm-memory-pools-ps-old-gen-used-after-gc, ds-mon-jvm-memory-pools-ps-survivor-space-init, ds-mon-jvm-memory-pools-ps-survivor-space-max, ds-mon-jvm-memory-pools-ps-survivor-space-reserved, ds-mon-jvm-memory-pools-ps-survivor-space-

	used, ds-mon-jvm-memory-pools-ps-survivor-space-used-after-gc, 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
Optional Attributes	ds-mon-jvm-garbage-collector-concurrent-mark-sweep-count, ds-mon-jvm-garbage-collector-concurrent-mark-sweep-time, ds-mon-jvm-garbage-collector-copy-count, ds-mon-jvm-garbage-collector-copy-time, ds-mon-jvm-garbage-collector-g1-old-generation-count, ds-mon-jvm-garbage-collector-g1-old-generation-time, ds-mon-jvm-garbage-collector-g1-young-generation-count, ds-mon-jvm-garbage-collector-g1-young-generation-time, ds-mon-jvm-garbage-collector-mark-sweep-compact-count, ds-mon-jvm-garbage-collector-mark-sweep-compact-time, ds-mon-jvm-garbage-collector-par-new-count, ds-mon-jvm-garbage-collector-par-new-time, ds-mon-jvm-garbage-collector-ps-mark-sweep-count, ds-mon-jvm-garbage-collector-ps-mark-sweep-time, ds-mon-jvm-garbage-collector-ps-scavenge-count, ds-mon-jvm-garbage-collector-ps-scavenge-time, ds-mon-jvm-threads-deadlocks
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-ldap-connection-handler

OID	1.3.6.1.4.1.36733.2.1.2.71
Names	ds-monitor-ldap-connection-handler
Description	LDAP connection handler metrics
Superior Classes	ds-monitor-connection-handler
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Optional Attributes	ds-mon-connection
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-raw-je-database-statistics

OID	1.3.6.1.4.1.36733.2.1.2.95
Names	ds-monitor-raw-je-database-statistics
Description	Raw metrics exposed by a JE database
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-remote-replica

OID	1.3.6.1.4.1.36733.2.1.2.90
Names	ds-monitor-remote-replica
Description	Remote replica metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-current-delay, ds-mon-domain-name, ds-mon-replayed-updates, ds-mon-server-id, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-replica-db

OID	1.3.6.1.4.1.36733.2.1.2.85
Names	ds-monitor-replica-db
Description	Replica database metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-newest-csn, ds-mon-newest-csn-timestamp, ds-mon-oldest-csn, ds-mon-oldest-csn-timestamp, ds-mon-server-id, objectClass
Origin	OpenDJ Directory Server

Schema File	02-config.ldif

ds-monitor-replica

OID	1.3.6.1.4.1.36733.2.1.2.91
Names	ds-monitor-replica
Description	Local replica metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-connected-to-server-hostport, ds-mon-connected-to-server-id, ds-mon-current-delay, 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-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
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-server

OID	1.3.6.1.4.1.36733.2.1.2.76
Names	ds-monitor-server
Description	Directory Server version information and other global metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	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
Optional Attributes	ds-mon-build-number, ds-mon-fix-ids, ds-mon-version-qualifier
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor-work-queue

OID	1.3.6.1.4.1.36733.2.1.2.83
Names	ds-monitor-work-queue
Description	Work queue metrics
Superior Classes	ds-monitor
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ds-mon-requests-in-queue, ds-mon-requests-rejected-queue-full, ds-mon-requests-submitted, objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-monitor

OID	1.3.6.1.4.1.36733.2.1.2.68
Names	ds-monitor
Description	Base object class for Directory Server metrics
Superior Classes	top
Class Type	ABSTRACT: for use when defining other object classes.
Required Attributes	objectClass
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

ds-root-dse

Object class for the server root DSE entry.

OID	1.3.6.1.4.1.26027.1.2.53
Names	ds-root-dse
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Origin	OpenDS Directory Server
Schema File	02-config.ldif

ds-virtual-static-group

Object class for an entry allowing a dynamic group to appear as a static group to applications.

OID	1.3.6.1.4.1.26027.1.2.98
Names	ds-virtual-static-group
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	ds-target-group-dn, objectClass
Origin	OpenDS Directory Server
Schema File	02-config.ldif

dSA

Represents a Directory Specific Agent, the part of a directory service that provides user agents access to directory data.

OID	2.5.6.13
Names	dSA
Superior Classes	applicationEntity
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, presentationAddress
Optional Attributes	description, knowledgeInformation, l, o, ou, seeAlso, supportedApplicationContext
Origin	RFC 2256
Schema File	00-core.ldif

DUAConfigProfile

OID	1.3.6.1.4.1.11.1.3.1.2.5
Names	DUAConfigProfile
Description	Abstraction of a base configuration for a DUA
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass

Optional Attributes	attributeMap, authenticationMethod, bindTimeLimit, credentialLevel, defaultSearchBase, defaultSearchScope, defaultServerList, dereferenceAliases, followReferrals, objectclassMap, preferredServerList, profileTTL, searchTimeLimit, serviceAuthenticationMethod, serviceCredentialLevel, serviceSearchDescriptor
Origin	RFC 4876
Schema File	05-rfc4876.ldif

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.

OID	1.3.6.1.4.1.1466.101.120.111
Names	extensibleObject
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	All attributes
Origin	RFC 4512
Schema File	00-core.ldif

forgerock-am-dashboard-service

OID	1.3.6.1.4.1.36733.2.2.2.3.1
Names	forgerock-am-dashboard-service
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Optional Attributes	assignedDashboard
Origin	Forgerock
Schema File	60-identity-store-ds-dashboard.ldif

fr-idm-cluster-obj

This object class is used internally by the IDM repository for clusters.

OID	1.3.6.1.4.1.36733.2.3.2.8
Names	fr-idm-cluster-obj
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-cluster-json, objectClass
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-generic-obj

This object class is used internally by the IDM repository for internal users.

OID	1.3.6.1.4.1.36733.2.3.2.3
Names	fr-idm-generic-obj
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-json, objectClass
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-internal-role

This object class is used internally by the IDM repository for internal roles.

OID	1.3.6.1.4.1.36733.2.3.2.4
Names	fr-idm-internal-role
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	description, fr-idm-condition, fr-idm-name, fr-idm-privilege, fr-idm-temporal-constraints
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-internal-user

This object class is used internally by the IDM repository for internal users.

OID	1.3.6.1.4.1.36733.2.3.2.2
Names	fr-idm-internal-user
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-password, objectClass
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-link

This object class is used internally by the IDM repository for links.

OID	1.3.6.1.4.1.36733.2.3.2.1
Names	fr-idm-link
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-link-firstid, fr-idm-link-qualifier, fr-idm-link-secondid, fr-idm-link-type, objectClass
Optional Attributes	fr-idm-link-firstid-constraint, fr-idm-link-secondid-constraint
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-lock

This object class is used internally by the IDM repository for locks.

OID	1.3.6.1.4.1.36733.2.3.2.13
Names	fr-idm-lock
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

Required Attributes	objectClass
Optional Attributes	fr-idm-lock-nodeid
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-managed-role

This object class is used internally by the IDM repository for managed roles.

OID	1.3.6.1.4.1.36733.2.3.2.9
Names	fr-idm-managed-role
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-managed-role-json, objectClass
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-managed-user-explicit

This object class is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.2.7
Names	fr-idm-managed-user-explicit
Superior Classes	inetOrgPerson
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, sn
Optional Attributes	audio, businessCategory, carLicense, departmentNumber, description, destinationIndicator, displayName, employeeNumber, employeeType, facsimileTelephoneNumber, fr-idm-accountStatus, fr-idm-consentedMapping, fr-idm-effectiveAssignment, fr-idm-effectiveRole, fr-idm-kbaInfo, fr-idm-lastSync, fr-idm-password, fr-idm-preferences, fr-idm-role, givenName, homePhone, homePostalAddress, initials, internationaliSDNNumber, jpegPhoto, l, labeledURI, mail, manager, mobile, o, ou, pager, photo, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, preferredLanguage, pwdCheckQuality, pwdExpireWarning, pwdMinLength, registeredAddress, roomNumber, secretary, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, title, uid, userCertificate, userPKCS12, userPassword, userSMIMECertificate, x121Address, x500UniqueIdentifier

Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-managed-user

This object class is used internally by the IDM repository for managed users.

OID	1.3.6.1.4.1.36733.2.3.2.6
Names	fr-idm-managed-user
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-managed-user-json, objectClass
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-recon-clusteredTargetIds

This object class is used internally by the IDM repository for clustered recon target IDs.

OID	1.3.6.1.4.1.36733.2.3.2.5
Names	fr-idm-recon-clusteredTargetIds
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-recon-id, fr-idm-recon-targetIds, objectClass
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

fr-idm-relationship

This object class is used internally by the IDM repository for relationships.

OID	1.3.6.1.4.1.36733.2.3.2.10
Names	fr-idm-relationship
Superior Classes	top

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-relationship-json, objectClass
Origin	OpenIDM DsSRepoService
Schema File	60-repo-schema.ldif

fr-idm-syncqueue

This object class is used internally by the IDM repository for the sync queue.

OID	1.3.6.1.4.1.36733.2.3.2.14
Names	fr-idm-syncqueue
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	fr-idm-syncqueue-context, fr-idm-syncqueue-createdate, fr-idm-syncqueue-mapping, fr-idm-syncqueue-remainingretries, fr-idm-syncqueue-resourcecollection, fr-idm-syncqueue-resourceid, fr-idm-syncqueue-state, fr-idm-syncqueue-syncaction, objectClass
Optional Attributes	fr-idm-syncqueue-newobject, fr-idm-syncqueue-nodeid, fr-idm-syncqueue-objectrev, fr-idm-syncqueue-oldobject
Origin	OpenIDM DSRepoService
Schema File	60-repo-schema.ldif

frCoreToken

This object class is used internally by the AM Core Token Service (CTS).

OID	1.3.6.1.4.1.36733.2.2.2.27
Names	frCoreToken
Description	object containing ForgeRock Core Token
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	coreTokenId, coreTokenType, objectClass
Optional Attributes	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
Origin	ForgeRock OpenAM CTSv2
Schema File	60-cts-schema.ldif

friendlyCountry

Entries of this object class represent countries. This object class allows friendlier naming than allowed by the `country` object class.

OID	0.9.2342.19200300.100.4.18
Names	friendlyCountry
Superior Classes	country
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	c, co, objectClass
Optional Attributes	description, searchGuide
Origin	RFC 4524
Schema File	00-core.ldif

glue

DSEE object class for an entry restored due to a replication conflict.

OID	2.16.840.1.113730.3.2.30
Names	glue
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Origin	Sun Directory Server
Schema File	06-compat.ldif

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.

OID	1.2.826.0.1.3458854.2.1.1
Names	groupOfEntries
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	businessCategory, description, member, o, ou, owner, seeAlso
Origin	draft-findlay-ldap-groupofentries
Schema File	00-core.ldif

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.

OID	2.5.6.9
Names	groupOfNames
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	businessCategory, description, member, o, ou, owner, seeAlso
Origin	RFC 4519
Schema File	00-core.ldif

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.

OID	2.5.6.17

Names	groupOfUniqueNames
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	businessCategory, description, o, ou, owner, seeAlso, uniqueMember
Origin	RFC 4519
Schema File	00-core.ldif

groupOfURLs

Object class for a dynamic group.

OID	2.16.840.1.113730.3.2.33
Names	groupOfURLs
Description	Sun-defined objectclass
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	businessCategory, description, memberURL, o, ou, owner, seeAlso
Origin	Sun Java System Directory Server
Schema File	00-core.ldif

ieee802Device

OID	1.3.6.1.1.1.2.11
Names	ieee802Device
Description	A device with a MAC address; device SHOULD be used as a structural class
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	macAddress
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

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: {SSHA512}PYiRbMHUSTvGQBnmebb6HOltQY/ghgoU3TDSu1QhYoMomreK4ole0jAaDlVa+2qQlzBoCBN/
T0TRfzmGi2wiIBVshZfIW4RD
description: Babs Jensen's entry
```

OID	2.16.840.1.113730.3.2.2
Names	inetOrgPerson
Superior Classes	organizationalPerson
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, sn
Optional Attributes	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
Origin	RFC 2798
Schema File	00-core.ldif

inetuser

This object class stores AM profile information.

OID	2.16.840.1.113730.3.2.130
Names	inetuser
Description	Auxiliary class which has to be present in an entry for delivery of subscriber services
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	inetUserHttpURL, inetUserStatus, memberof, uid, userPassword
Origin	Nortel subscriber interoperability
Schema File	60-identity-store-ds-schema.ldif

inheritableLDAPSubEntry

OID	1.3.6.1.4.1.7628.5.6.1.1
Names	inheritableLDAPSubEntry
Description	Inheritable LDAP Subentry class, version 1
Superior Classes	ldapSubEntry
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	inheritable, objectClass
Optional Attributes	blockInheritance, cn
Origin	draft-ietf-ldup-subentry
Schema File	00-core.ldif

inheritedCollectiveAttributeSubentry

Object class for specifying how collective attributes are inherited.

OID	1.3.6.1.4.1.26027.1.2.238
Names	inheritedCollectiveAttributeSubentry
Description	Inherited Collective Attributes Subentry class
Superior Classes	subentry

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, inheritAttribute, objectClass, subtreeSpecification
Optional Attributes	collectiveConflictBehavior
Origin	OpenDS Directory Server
Schema File	00-core.ldif

inheritedFromDNCollectiveAttributeSubentry

Object class for specifying an entry from which a collective attribute is inherited.

OID	1.3.6.1.4.1.26027.1.2.239
Names	inheritedFromDNCollectiveAttributeSubentry
Description	Inherited from DN Collective Attributes Subentry class
Superior Classes	inheritedCollectiveAttributeSubentry
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, inheritAttribute, inheritFromDNAttribute, objectClass, subtreeSpecification
Optional Attributes	collectiveConflictBehavior
Origin	OpenDS Directory Server
Schema File	00-core.ldif

inheritedFromRDNCollectiveAttributeSubentry

Object class for specifying a relative entry from which a collective attribute is inherited.

OID	1.3.6.1.4.1.26027.1.2.240
Names	inheritedFromRDNCollectiveAttributeSubentry
Description	Inherited from RDN Collective Attributes Subentry class
Superior Classes	inheritedCollectiveAttributeSubentry
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, inheritAttribute, inheritFromBaseRDN, inheritFromRDNAttribute, inheritFromRDNType, objectClass, subtreeSpecification
Optional Attributes	collectiveConflictBehavior
Origin	OpenDS Directory Server
Schema File	00-core.ldif

ipHost

OID	1.3.6.1.1.1.2.6
Names	ipHost
Description	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
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	cn, ipHostNumber, objectClass
Optional Attributes	authPassword, description, l, manager, userPassword
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

iplanet-am-auth-configuration-service

This object class stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.2.23
Names	iplanet-am-auth-configuration-service
Description	Authentication Configuration Service OC
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	iplanet-am-auth-configuration, iplanet-am-auth-login-failure-url, iplanet-am-auth-login-success-url, iplanet-am-auth-post-login-process-class, lastEmailSent, oath2faEnabled, retryLimitNodeCount
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

iplanet-am-managed-person

This object class stores AM profile information.

OID	2.16.840.1.113730.3.2.184
Names	iplanet-am-managed-person

Description	Managed Person OC
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	iplanet-am-user-account-life
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

iplanet-am-session-service

This object class stores AM profile information.

OID	2.16.840.1.113730.3.2.175
Names	iplanet-am-session-service
Description	Session Service OC
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	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
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

iplanet-am-user-service

This object class stores AM profile information.

OID	2.16.840.1.113730.3.2.176
Names	iplanet-am-user-service
Description	User Service OC
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass

Optional Attributes	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
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

iPlanetPreferences

This object class stores AM profile information.

OID	1.3.6.1.4.1.1466.101.120.142
Names	iPlanetPreferences
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Optional Attributes	preferredLanguage, preferredLocale, preferredTimeZone
Origin	iPlanet
Schema File	60-identity-store-ds-schema.ldif

ipNetwork

OID	1.3.6.1.1.1.2.7
Names	ipNetwork
Description	Abstraction of a network. The distinguished value of the cn attribute denotes the canonical name of the network
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ipNetworkNumber, objectClass
Optional Attributes	cn, description, ipNetmaskNumber, l, manager
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

ipProtocol

OID	1.3.6.1.1.1.2.4

Names	ipProtocol
Description	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
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, ipProtocolNumber, objectClass
Optional Attributes	description
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

ipService

OID	1.3.6.1.1.1.2.3
Names	ipService
Description	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
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, ipServicePort, ipServiceProtocol, objectClass
Optional Attributes	description
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

ipTnetHost

OID	1.3.6.1.4.1.42.2.27.5.2.9
Names	ipTnetHost
Description	Associates an IP address or wildcard with a TSOL template_name
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	ipTnetNumber, objectClass
Origin	Solaris Specific

Schema File	05-solaris.ldif

ipTnetTemplate

OID	1.3.6.1.4.1.42.2.27.5.2.8
Names	ipTnetTemplate
Description	Object class for TSOL network templates
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ipTnetTemplateName, objectClass
Optional Attributes	SolarisAttrKeyValue
Origin	Solaris Specific
Schema File	05-solaris.ldif

javaContainer

Entry that contains a Java object. The entry's form is specified by an auxiliary object class.

OID	1.3.6.1.4.1.42.2.27.4.2.1
Names	javaContainer
Description	Container for a Java object
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Origin	RFC 2713
Schema File	03-rfc2713.ldif

javaMarshalledObject

Entry that represents a marshalled Java object.

OID	1.3.6.1.4.1.42.2.27.4.2.8
Names	javaMarshalledObject
Description	Java marshalled object

Superior Classes	javaObject
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	javaClassName, javaSerializedData, objectClass
Optional Attributes	description, javaClassNames, javaCodebase, javaDoc
Origin	RFC 2713
Schema File	03-rfc2713.ldif

javaNamingReference

Entry that represents a JNDI reference to a Java object.

OID	1.3.6.1.4.1.42.2.27.4.2.7
Names	javaNamingReference
Description	JNDI reference
Superior Classes	javaObject
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	javaClassName, objectClass
Optional Attributes	description, javaClassNames, javaCodebase, javaDoc, javaFactory, javaReferenceAddress
Origin	RFC 2713
Schema File	03-rfc2713.ldif

javaObject

Abstract parent for entries that represent Java objects.

OID	1.3.6.1.4.1.42.2.27.4.2.4
Names	javaObject
Description	Java object representation
Superior Classes	top
Class Type	ABSTRACT: for use when defining other object classes.
Required Attributes	javaClassName, objectClass
Optional Attributes	description, javaClassNames, javaCodebase, javaDoc
Origin	RFC 2713
Schema File	03-rfc2713.ldif

javaSerializedObject

Entry that represents a serialized Java object.

OID	1.3.6.1.4.1.42.2.27.4.2.5
Names	javaSerializedObject
Description	Java serialized object
Superior Classes	javaObject
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	javaClassName, javaSerializedData, objectClass
Optional Attributes	description, javaClassNames, javaCodebase, javaDoc
Origin	RFC 2713
Schema File	03-rfc2713.ldif

kbaInfoContainer

This object class stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.2.5
Names	kbaInfoContainer
Description	Class containing KBA information
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	kbaActiveIndex, kbaInfo, kbaInfoAttempts
Origin	OpenAM
Schema File	60-identity-store-ds-kba.ldif

labeledURIObject

Class allowing a `labeledURI` attribute, which holds a URI with an optional label, as described in RFC 2079.

OID	1.3.6.1.4.1.250.3.15
Names	labeledURIObject
Description	object that contains the URI attribute type

Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	labeledURI
Origin	RFC 2079
Schema File	00-core.ldif

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* .

OID	2.16.840.1.113719.2.142.6.1.1
Names	ldapSubEntry
Description	LDAP Subentry class, version 1
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Optional Attributes	cn
Origin	draft-ietf-ldup-subentry
Schema File	00-core.ldif

locality

The entry with this object class represents a place in the physical world.

OID	2.5.6.3
Names	locality
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

Required Attributes	objectClass
Optional Attributes	description, l, searchGuide, seeAlso, st, street
Origin	RFC 4519
Schema File	00-core.ldif

mailGroup

OID	2.16.840.1.113730.3.2.4
Names	mailGroup
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	mail, objectClass
Optional Attributes	cn, mgrpRFC822MailMember
Origin	Solaris Specific
Schema File	05-solaris.ldif

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
```

OID	1.3.6.1.4.1.5322.13.1.1
Names	namedObject
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Optional Attributes	cn

Origin	draft-howard-namedobject
Schema File	00-core.ldif

nisDomainObject

OID	1.3.6.1.1.1.2.15
Names	nisDomainObject
Description	Associates a NIS domain with a naming context
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	nisDomain, objectClass
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

nisKeyObject

OID	1.3.6.1.1.1.2.14
Names	nisKeyObject
Description	An object with a public and secret key
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	cn, nisPublicKey, nisSecretKey, objectClass
Optional Attributes	description, uidNumber
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

nisMailAlias

OID	1.3.6.1.4.1.42.2.27.1.2.5
Names	nisMailAlias
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

Required Attributes	cn, objectClass
Optional Attributes	rfc822mailMember
Origin	Solaris Specific
Schema File	05-solaris.ldif

nisMap

OID	1.3.6.1.1.1.2.9
Names	nisMap
Description	A generic abstraction of a NIS map
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	nisMapName, objectClass
Optional Attributes	description
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

nisNetgroup

OID	1.3.6.1.1.1.2.8
Names	nisNetgroup
Description	Abstraction of a netgroup. May refer to other netgroups
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	description, memberNisNetgroup, nisNetgroupTriple
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

nisNetId

OID	1.3.6.1.4.1.42.2.27.1.2.6

Names	nisNetId
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	nisNetIdGroup, nisNetIdHost, nisNetIdUser
Origin	Solaris Specific
Schema File	05-solaris.ldif

nisObject

OID	1.3.6.1.1.1.2.10
Names	nisObject
Description	An entry in a NIS map
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, nisMapEntry, nisMapName, objectClass
Optional Attributes	description
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

nisplusTimeZoneData

OID	1.3.6.1.4.1.42.2.27.5.2.12
Names	nisplusTimeZoneData
Description	NIS+ timezone table data
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	description, nisplusTimeZone
Origin	Solaris Specific
Schema File	05-solaris.ldif

oathDeviceProfilesContainer

This object class stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.2.10
Names	oathDeviceProfilesContainer
Description	Class containing OATH device profiles
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	oathDeviceProfiles
Origin	OpenAM
Schema File	60-identity-store-ds-oathdevices.ldif

oncRpc

OID	1.3.6.1.1.1.2.5
Names	oncRpc
Description	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
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, oncRpcNumber
Optional Attributes	description
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

organization

The entry with this object class represents a structured group of people.

OID	2.5.6.4
Names	organization
Superior Classes	top

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	o, objectClass
Optional Attributes	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
Origin	RFC 4519
Schema File	00-core.ldif

organizationalPerson

The entry with this object class represents a person in relation to an organization.

OID	2.5.6.7
Names	organizationalPerson
Superior Classes	person
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, sn
Optional Attributes	description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, ou, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, title, userPassword, x121Address
Origin	RFC 4519
Schema File	00-core.ldif

organizationalRole

The entry with this object class represents a job, function, or position in an organization.

OID	2.5.6.8
Names	organizationalRole
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass

Optional Attributes	description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, ou, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, roleOccupant, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, x121Address
Origin	RFC 4519
Schema File	00-core.ldif

organizationalUnit

The entry with this object class represents a piece of an organization.

OID	2.5.6.5
Names	organizationalUnit
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, ou
Optional Attributes	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
Origin	RFC 4519
Schema File	00-core.ldif

person

The entry with this object class represents a human being.

OID	2.5.6.6
Names	person
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, sn
Optional Attributes	description, seeAlso, telephoneNumber, userPassword
Origin	RFC 4519
Schema File	00-core.ldif

pilotDSA

Object class assigning common attributes for COSINE and Internet X.500 pilot Directory System Agent (DSA) entries.

OID	0.9.2342.19200300.100.4.21
Names	pilotDSA
Superior Classes	dSA
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, dSAQuality, objectClass, presentationAddress
Optional Attributes	description, knowledgeInformation, l, o, ou, seeAlso, supportedApplicationContext
Origin	RFC 1274
Schema File	00-core.ldif

pilotObject

Object class assigning common attributes for COSINE and Internet X.500 pilot entries.

OID	0.9.2342.19200300.100.4.3
Names	pilotObject
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Optional Attributes	audio, dITRedirect, info, jpegPhoto, lastModifiedBy, lastModifiedTime, manager, photo, uniqueIdentifier
Origin	RFC 1274
Schema File	00-core.ldif

pilotOrganization

Organization object class for COSINE and Internet X.500 pilot entries.

OID	0.9.2342.19200300.100.4.20
Names	pilotOrganization
Superior Classes	organization, organizationalUnit

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	o, objectClass, ou
Optional Attributes	buildingName, businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
Origin	RFC 1274
Schema File	00-core.ldif

pilotPerson

Person object class for COSINE and Internet X.500 pilot entries.

OID	0.9.2342.19200300.100.4.4
Names	pilotPerson
Superior Classes	person
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, sn
Optional Attributes	businessCategory, description, drink, homePhone, homePostalAddress, janetMailbox, mail, mailPreferenceOption, mobile, organizationalStatus, otherMailbox, pager, personalSignature, personalTitle, preferredDeliveryMethod, roomNumber, secretary, seeAlso, telephoneNumber, textEncodedORAddress, uid, userClass, userPassword
Origin	RFC 1274
Schema File	00-core.ldif

pkiCA

Object class for augmenting entries that act as certificate authorities, as described in X.509 clause 11.1.2.

OID	2.5.6.22
Names	pkiCA
Description	X.509 PKI Certificate Authority
Superior Classes	top

Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	authorityRevocationList, cACertificate, certificateRevocationList, crossCertificatePair
Origin	RFC 4523
Schema File	00-core.ldif

pkiUser

Object class for augmenting entries that may be subject to certificates, as described in X.509 clause 11.1.1.

OID	2.5.6.21
Names	pkiUser
Description	X.509 PKI User
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	userCertificate
Origin	RFC 4523
Schema File	00-core.ldif

posixAccount

OID	1.3.6.1.1.1.2.0
Names	posixAccount
Description	Abstraction of an account with POSIX attributes
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	cn, gidNumber, homeDirectory, objectClass, uid, uidNumber
Optional Attributes	authPassword, description, gecos, loginShell, userPassword
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

posixGroup

OID	1.3.6.1.1.1.2.2
Names	posixGroup
Description	Abstraction of a group of accounts
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	gidNumber, objectClass
Optional Attributes	authPassword, description, memberUid, userPassword
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

printerAbstract

OID	1.3.18.0.2.6.258
Names	printerAbstract
Description	Printer related information.
Superior Classes	top
Class Type	ABSTRACT: for use when defining other object classes.
Required Attributes	objectClass
Optional Attributes	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
Origin	RFC 3712
Schema File	03-rfc3712.ldif

printerIPP

OID	1.3.18.0.2.6.256

Names	printerIPP
Description	Internet Printing Protocol (IPP) information.
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	printer-ipp-versions-supported, printer-multiple-document-jobs-supported
Origin	RFC 3712
Schema File	03-rfc3712.ldif

printerLPR

OID	1.3.18.0.2.6.253
Names	printerLPR
Description	LPR information.
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, printer-name
Optional Attributes	printer-aliases
Origin	RFC 3712
Schema File	03-rfc3712.ldif

printerService

OID	1.3.18.0.2.6.255
Names	printerService
Description	Printer information.
Superior Classes	printerAbstract
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Optional Attributes	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
Origin	RFC 3712
Schema File	03-rfc3712.ldif

printerServiceAuxClass

OID	1.3.18.0.2.6.257
Names	printerServiceAuxClass
Description	Printer information.
Superior Classes	printerAbstract
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	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
Origin	RFC 3712
Schema File	03-rfc3712.ldif

pushDeviceProfilesContainer

This object class stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.2.11
Names	pushDeviceProfilesContainer
Description	Class containing Push device profiles

Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	pushDeviceProfiles
Origin	OpenAM
Schema File	60-identity-store-ds-pushdevices.ldif

pwdPolicy

Password policy that is part of the directory data and can be replicated.

OID	1.3.6.1.4.1.42.2.27.8.2.1
Names	pwdPolicy
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, pwdAttribute
Optional Attributes	pwdAllowUserChange, pwdCheckQuality, pwdExpireWarning, pwdFailureCountInterval, pwdGraceAuthNLimit, pwdInHistory, pwdLockout, pwdLockoutDuration, pwdMaxAge, pwdMaxFailure, pwdMinAge, pwdMinLength, pwdMustChange, pwdSafeModify
Origin	draft-behera-ldap-password-policy
Schema File	01-pwpolicy.ldif

pwdValidatorPolicy

Object class for an entry that specifies a password validation policy.

OID	1.3.6.1.4.1.36733.2.1.2.18
Names	pwdValidatorPolicy
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, ds-cfg-password-validator
Origin	OpenDJ Directory Server
Schema File	03-pwpolicyextension.ldif

qualityLabelledData

Object class assigning common data quality attributes to subtrees in the DIT.

OID	0.9.2342.19200300.100.4.22
Names	qualityLabelledData
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	dSAQuality, objectClass
Optional Attributes	subtreeMaximumQuality, subtreeMinimumQuality
Origin	RFC 1274
Schema File	00-core.ldif

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.

OID	2.16.840.1.113730.3.2.6
Names	referral
Description	named subordinate reference object
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	ref
Origin	RFC 3296
Schema File	00-core.ldif

residentialPerson

The entry with this object class represents a person's residence in representation of the person.

OID	2.5.6.10
Names	residentialPerson
Superior Classes	person

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, l, objectClass, sn
Optional Attributes	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
Origin	RFC 4519
Schema File	00-core.ldif

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.

OID	0.9.2342.19200300.100.4.14
Names	rFC822LocalPart
Superior Classes	domain
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	dc, objectClass
Optional Attributes	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
Origin	RFC 4524
Schema File	00-core.ldif

room

Entries of this object class represent rooms with `cn` as the naming attribute.

OID	0.9.2342.19200300.100.4.7
Names	room
Superior Classes	top

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	description, roomNumber, seeAlso, telephoneNumber
Origin	RFC 4524
Schema File	00-core.ldif

sambaConfig

OID	1.3.6.1.4.1.7165.1.2.2.10
Names	sambaConfig
Description	Samba Configuration Section
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	description
Schema File	05-samba.ldif

sambaConfigOption

OID	1.3.6.1.4.1.7165.2.2.12
Names	sambaConfigOption
Description	Samba Configuration Option
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, sambaOptionName
Optional Attributes	description, sambaBoolOption, sambaIntegerOption, sambaStringListOption, sambaStringOption
Schema File	05-samba.ldif

sambaDomain

OID	1.3.6.1.4.1.7165.2.2.5

Names	sambaDomain
Description	Samba Domain Information
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, sambaDomainName, sambaSID
Optional Attributes	sambaAlgorithmicRidBase, sambaForceLogoff, sambaLockoutDuration, sambaLockoutObservationWindow, sambaLockoutThreshold, sambaLogonToChgPwd, sambaMaxPwdAge, sambaMinPwdAge, sambaMinPwdLength, sambaNextGroupRid, sambaNextRid, sambaNextUserRid, sambaPwdHistoryLength, sambaRefuseMachinePwdChange
Schema File	05-samba.ldif

sambaGroupMapping

OID	1.3.6.1.4.1.7165.2.2.4
Names	sambaGroupMapping
Description	Samba Group Mapping
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	gidNumber, objectClass, sambaGroupType, sambaSID
Optional Attributes	description, displayName, sambaSIDList
Schema File	05-samba.ldif

sambaIdmapEntry

OID	1.3.6.1.4.1.7165.1.2.2.8
Names	sambaIdmapEntry
Description	Mapping from a SID to an ID
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, sambaSID
Optional Attributes	gidNumber, uidNumber
Schema File	05-samba.ldif

sambaPrivilege

OID	1.3.6.1.4.1.7165.2.2.13
Names	sambaPrivilege
Description	Samba Privilege
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, sambaSID
Optional Attributes	sambaPrivilegeList
Schema File	05-samba.ldif

sambaSamAccount

OID	1.3.6.1.4.1.7165.2.2.6
Names	sambaSamAccount
Description	Samba 3.0 Auxilary SAM Account
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, sambaSID, uid
Optional Attributes	cn, description, displayName, sambaAcctFlags, sambaBadPasswordCount, sambaBadPasswordTime, sambaDomainName, sambaHomeDrive, sambaHomePath, sambaKickoffTime, sambaLMPassword, sambaLogoffTime, sambaLogonHours, sambaLogonScript, sambaLogonTime, sambaMungedDial, sambaNTPassword, sambaPasswordHistory, sambaPrimaryGroupSID, sambaProfilePath, sambaPwdCanChange, sambaPwdLastSet, sambaPwdMustChange, sambaUserWorkstations
Schema File	05-samba.ldif

sambaShare

OID	1.3.6.1.4.1.7165.2.2.11
Names	sambaShare
Description	Samba Share Section
Superior Classes	top

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, sambaShareName
Optional Attributes	description
Schema File	05-samba.ldif

sambaSidEntry

OID	1.3.6.1.4.1.7165.1.2.2.9
Names	sambaSidEntry
Description	Structural Class for a SID
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, sambaSID
Schema File	05-samba.ldif

sambaTrustPassword

OID	1.3.6.1.4.1.7165.2.2.14
Names	sambaTrustPassword
Description	Samba Trust Password
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, sambaDomainName, sambaNTPassword, sambaTrustFlags
Optional Attributes	sambaPwdLastSet, sambaSID
Schema File	05-samba.ldif

sambaUnixIdPool

OID	1.3.6.1.4.1.7165.1.2.2.7
Names	sambaUnixIdPool
Description	Pool for allocating UNIX uids/gids
Superior Classes	top

Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	gidNumber, objectClass, uidNumber
Schema File	05-samba.ldif

shadowAccount

OID	1.3.6.1.1.1.2.1
Names	shadowAccount
Description	Additional attributes for shadow passwords
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, uid
Optional Attributes	authPassword, description, shadowExpire, shadowFlag, shadowInactive, shadowLastChange, shadowMax, shadowMin, shadowWarning, userPassword
Origin	draft-howard-rfc2307bis
Schema File	04-rfc2307bis.ldif

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.

OID	0.9.2342.19200300.100.4.19
Names	simpleSecurityObject
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, userPassword
Origin	RFC 4524
Schema File	00-core.ldif

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.

OID	1.3.6.1.4.1.6252.2.27.6.2.1
Names	slpService
Description	parent superclass for SLP services
Superior Classes	top
Class Type	ABSTRACT: for use when defining other object classes.
Required Attributes	description, objectClass, service-advert-scopes, service-advert-service-type, template-major-version-number, template-minor-version-number, template-url-syntax
Optional Attributes	service-advert-attribute-authenticator, service-advert-url-authenticator
Origin	RFC 2926
Schema File	03-rfc2926.ldif

slpServicePrinter

OID	1.3.18.0.2.6.254

Names	slpServicePrinter
Description	Service Location Protocol (SLP) information.
Superior Classes	slpService
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	description, objectClass, service-advert-scopes, service-advert-service-type, template-major-version-number, template-minor-version-number, template-url-syntax
Optional Attributes	service-advert-attribute-authenticator, service-advert-url-authenticator
Origin	RFC 3712
Schema File	03-rfc3712.ldif

SolarisAuditUser

OID	1.3.6.1.4.1.42.2.27.5.2.2
Names	SolarisAuditUser
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	SolarisAuditAlways, SolarisAuditNever
Origin	Solaris Specific
Schema File	05-solaris.ldif

SolarisAuthAttr

OID	1.3.6.1.4.1.42.2.27.5.2.4
Names	SolarisAuthAttr
Description	Authorizations data
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	SolarisAttrKeyValue, SolarisAttrLongDesc, SolarisAttrReserved1, SolarisAttrReserved2, SolarisAttrShortDesc
Origin	Solaris Specific

Schema File	05-solaris.ldif

SolarisExecAttr

OID	1.3.6.1.4.1.42.2.27.5.2.6
Names	SolarisExecAttr
Description	Profiles execution attributes
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	SolarisAttrKeyValue, SolarisAttrReserved1, SolarisAttrReserved2, SolarisKernelSecurityPolicy, SolarisProfileId, SolarisProfileType
Origin	Solaris Specific
Schema File	05-solaris.ldif

SolarisNamingProfile

OID	1.3.6.1.4.1.42.2.27.5.2.7
Names	SolarisNamingProfile
Description	Solaris LDAP Naming client profile objectClass
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	SolarisLDAPServers, SolarisSearchBaseDN, cn, objectClass
Optional Attributes	SolarisAuthMethod, SolarisBindDN, SolarisBindPassword, SolarisBindTimeLimit, SolarisCacheTTL, SolarisCertificatePassword, SolarisCertificatePath, SolarisDataSearchDN, SolarisPreferredServer, SolarisPreferredServerOnly, SolarisSearchReferral, SolarisSearchScope, SolarisSearchTimeLimit, SolarisTransportSecurity
Origin	Solaris Specific
Schema File	05-solaris.ldif

SolarisProfAttr

OID	1.3.6.1.4.1.42.2.27.5.2.5

Names	SolarisProfAttr
Description	Profiles data
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass
Optional Attributes	SolarisAttrKeyValue, SolarisAttrLongDesc, SolarisAttrReserved1, SolarisAttrReserved2
Origin	Solaris Specific
Schema File	05-solaris.ldif

SolarisProject

OID	1.3.6.1.4.1.42.2.27.5.2.1
Names	SolarisProject
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	SolarisProjectID, SolarisProjectName, objectClass
Optional Attributes	SolarisProjectAttr, description, memberGid, memberUid
Origin	Solaris Specific
Schema File	05-solaris.ldif

SolarisUserAttr

OID	1.3.6.1.4.1.42.2.27.5.2.3
Names	SolarisUserAttr
Description	User attributes
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	SolarisAttrKeyValue, SolarisAttrReserved1, SolarisAttrReserved2, SolarisUserQualifier
Origin	Solaris Specific
Schema File	05-solaris.ldif

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.

OID	2.5.6.15
Names	strongAuthenticationUser
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, userCertificate
Origin	RFC 4523
Schema File	00-core.ldif

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* .

OID	2.5.17.0
Names	subentry
Description	LDAP Subentry class
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	cn, objectClass, subtreeSpecification
Origin	RFC 3672
Schema File	00-core.ldif

subschema

Auxiliary object class for entries holding LDAP schema definitions.

OID	2.5.20.1
Names	subschema
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Optional Attributes	attributeTypes, dITContentRules, dITStructureRules, matchingRuleUse, matchingRules, nameForms, objectClasses
Origin	RFC 4512
Schema File	00-core.ldif

sunAMAuthAccountLockout

This object class stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.2.118
Names	sunAMAuthAccountLockout
Description	Invalid Login Attempts Object Class
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	sunAMAuthInvalidAttemptsData
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

sunFederationManagerDataStore

This object class stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.2.76
Names	sunFederationManagerDataStore
Description	FSUser provider OC
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	iplanet-am-user-federation-info, iplanet-am-user-federation-info-key, sunIdentityServerDiscoEntries

Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

sunFMSAML2NameIdentifier

This object class stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.2.148
Names	sunFMSAML2NameIdentifier
Description	SAML 2.0 name identifier objectclass
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	sun-fm-saml2-nameid-info, sun-fm-saml2-nameid-infokey
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

sunIdentityServerLibertyPPService

This object class stores AM profile information.

OID	1.3.6.1.4.1.42.2.27.9.2.127
Names	sunIdentityServerLibertyPPService
Description	sunIdentityServerLibertyPPService OC
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	sunIdentityServerPPAddressCard, sunIdentityServerPPCommonNameAltCN, sunIdentityServerPPCommonNameCN, sunIdentityServerPPCommonNameFN, sunIdentityServerPPCommonNameMN, sunIdentityServerPPCommonNamePT, sunIdentityServerPPCommonNameSN, sunIdentityServerPPDemographicsAge, sunIdentityServerPPDemographicsBirthDay, sunIdentityServerPPDemographicsDisplayLanguage, sunIdentityServerPPDemographicsLanguage, sunIdentityServerPPDemographicsTimeZone, sunIdentityServerPPEmergencyContact, sunIdentityServerPPEmploymentIdentityAltO,

	sunIdentityServerPPEmploymentIdentityJobTitle, sunIdentityServerPPEmploymentIdentityOrg, sunIdentityServerPPEncryptKey, sunIdentityServerPPFacadeGreetSound, sunIdentityServerPPFacadeMugShot, sunIdentityServerPPFacadeNamePronounced, sunIdentityServerPPFacadeWebSite, sunIdentityServerPPFacadegreetmesound, sunIdentityServerPPInformalName, sunIdentityServerPPLegalIdentityAltIdType, sunIdentityServerPPLegalIdentityAltIdValue, sunIdentityServerPPLegalIdentityDOB, sunIdentityServerPPLegalIdentityGender, sunIdentityServerPPLegalIdentityLegalName, sunIdentityServerPPLegalIdentityMaritalStatus, sunIdentityServerPPLegalIdentityVATIdType, sunIdentityServerPPLegalIdentityVATIdValue, sunIdentityServerPPMsgContact, sunIdentityServerPPSignKey
Origin	OpenSSO
Schema File	60-identity-store-ds-schema.ldif

sunPrinter

OID	1.3.6.1.4.1.42.2.27.5.2.14
Names	sunPrinter
Description	Sun printer information
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, printer-name
Optional Attributes	sun-printer-bsdaddr, sun-printer-kvp
Origin	Solaris Specific
Schema File	05-solaris.ldif

sunRealmService

This object class stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.2.104
Names	sunRealmService
Description	object containing service information for realms
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

Required Attributes	objectClass
Optional Attributes	description, labeledURI, o, sunKeyValue, sunxmlKeyValue
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif

sunservice

This object class stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.2.25
Names	sunservice
Description	object containing service information
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, ou
Optional Attributes	description, labeledURI, sunKeyValue, sunPluginSchema, sunServiceSchema, sunxmlKeyValue
Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif

sunservicecomponent

This object class stores AM configuration data.

OID	1.3.6.1.4.1.42.2.27.9.2.27
Names	sunservicecomponent
Description	Sub-components of the service
Superior Classes	organizationalUnit
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, ou
Optional Attributes	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

Origin	Sun Java System Identity Management
Schema File	60-config-schema.ldif

top

The top-level object class, which is the abstract parent of all structural object class hierarchies.

OID	2.5.6.0
Names	top
Class Type	ABSTRACT: for use when defining other object classes.
Required Attributes	objectClass
Origin	RFC 4512
Schema File	00-core.ldif

uddiAddress

This entry represents an address contained by a UDDI contact.

OID	1.3.6.1.1.10.6.3
Names	uddiAddress
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiUUID
Optional Attributes	uddiAddressLine, uddiLang, uddiSortCode, uddiTModelKey, uddiUseType, uddiv3TModelKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBindingTemplate

This entry represents a UDDI binding template.

OID	1.3.6.1.1.10.6.5
Names	uddiBindingTemplate
Superior Classes	top

Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiBindingKey
Optional Attributes	uddiAccessPoint, uddiCategoryBag, uddiDescription, uddiHostingRedirector, uddiServiceKey, uddiv3BindingKey, uddiv3DigitalSignature, uddiv3EntityCreationTime, uddiv3NodeId, uddiv3ServiceKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBusinessEntity

This entry represents a UDDI business entity.

OID	1.3.6.1.1.10.6.1
Names	uddiBusinessEntity
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiBusinessKey, uddiName
Optional Attributes	uddiAuthorizedName, uddiCategoryBag, uddiDescription, uddiDiscoveryURLs, uddiIdentifierBag, uddiOperator, uddiv3BusinessKey, uddiv3DigitalSignature, uddiv3EntityModificationTime, uddiv3NodeId
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiBusinessService

This entry represents a UDDI business service.

OID	1.3.6.1.1.10.6.4
Names	uddiBusinessService
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiServiceKey
Optional Attributes	uddiBusinessKey, uddiCategoryBag, uddiDescription, uddiIsProjection, uddiName, uddiv3BusinessKey, uddiv3DigitalSignature, uddiv3EntityCreationTime, uddiv3EntityModificationTime, uddiv3NodeId, uddiv3ServiceKey

Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiContact

This entry represents a contact contained by a UDDI business entity.

OID	1.3.6.1.1.10.6.2
Names	uddiContact
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiPersonName, uddiUUID
Optional Attributes	uddiDescription, uddiEMail, uddiPhone, uddiUseType
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiPublisherAssertion

This entry represents a UDDI publisher assertion.

OID	1.3.6.1.1.10.6.8
Names	uddiPublisherAssertion
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiFromKey, uddiKeyedReference, uddiToKey, uddiUUID
Optional Attributes	uddiv3DigitalSignature, uddiv3NodeId
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiTModel

This entry represents a UDDI template model.

OID	1.3.6.1.1.10.6.7

Names	uddiTModel
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiName, uddiTModelKey
Optional Attributes	uddiAuthorizedName, uddiCategoryBag, uddiDescription, uddiIdentifierBag, uddiIsHidden, uddiOperator, uddiOverviewDescription, uddiOverviewURL, uddiv3DigitalSignature, uddiv3NodeId, uddiv3TModelKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiTModelInstanceInfo

This entry represents a UDDI template model instance info object.

OID	1.3.6.1.1.10.6.6
Names	uddiTModelInstanceInfo
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiTModelKey
Optional Attributes	uddiDescription, uddiInstanceDescription, uddiInstanceParms, uddiOverviewDescription, uddiOverviewURL, uddiv3TModelKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiv3EntityObituary

This entry represents a UDDI entity obituary that contains information for a deleted UDDIv3 entity.

OID	1.3.6.1.1.10.6.10
Names	uddiv3EntityObituary
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiUUID, uddiv3EntityKey
Optional Attributes	uddiAuthorizedName, uddiv3EntityCreationTime, uddiv3EntityDeletionTime, uddiv3NodeId

Origin	RFC 4403
Schema File	03-uddiv3.ldif

uddiv3Subscription

This entry represents a UDDI subscription entity.

OID	1.3.6.1.1.10.6.9
Names	uddiv3Subscription
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass, uddiUUID, uddiv3SubscriptionFilter
Optional Attributes	uddiAuthorizedName, uddiv3BindingKey, uddiv3BriefResponse, uddiv3ExpiresAfter, uddiv3MaxEntities, uddiv3NodeId, uddiv3NotificationInterval, uddiv3SubscriptionKey
Origin	RFC 4403
Schema File	03-uddiv3.ldif

uidObject

This object class permits the entry to contain user identification information.

OID	1.3.6.1.1.3.1
Names	uidObject
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass, uid
Origin	RFC 4519
Schema File	00-core.ldif

untypedObject

OID	1.3.6.1.4.1.26027.1.2.900
Names	untypedObject

Description	Entry of no particular type
Superior Classes	top
Class Type	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
Required Attributes	objectClass
Optional Attributes	c, cn, dc, description, l, o, ou, owner, seeAlso, st, street, uid
Origin	draft-furuseth-ldap-untypedobject
Schema File	00-core.ldif

userSecurityInformation

Object class for augmenting entries with additional security information, as described in X.521 clause 6.16.

OID	2.5.6.18
Names	userSecurityInformation
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	supportedAlgorithms
Origin	RFC 4523
Schema File	00-core.ldif

webauthnDeviceProfilesContainer

This object class stores AM profile information.

OID	1.3.6.1.4.1.36733.2.2.2.12
Names	webauthnDeviceProfilesContainer
Description	Class containing WebAuthn device profiles
Superior Classes	top
Class Type	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
Required Attributes	objectClass
Optional Attributes	webauthnDeviceProfiles
Origin	OpenAM

Schema File	60-identity-store-ds-webauthndevices.ldif

Chapter 8
Syntaxes

Attribute Type Description

Values of this syntax define attribute types.

The syntax corresponds to the `AttributeTypeDescription` ASN.1 type defined by X.501.

OID	1.3.6.1.4.1.1466.115.121.1.3
Description	Attribute Type Description
Origin	RFC 4517

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).

OID	1.3.6.1.4.1.4203.1.1.2

Description	Authentication Password Syntax
Origin	RFC 3112

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.

OID	1.3.6.1.4.1.1466.115.121.1.5
Description	Binary
Origin	RFC 4517

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"
```

OID	1.3.6.1.4.1.1466.115.121.1.6
Description	Bit String
Origin	RFC 4517

Boolean

Values of this syntax hold a Boolean value, either `TRUE` or `FALSE`.

The syntax follows the BOOLEAN ASN.1 type.

OID	1.3.6.1.4.1.1466.115.121.1.7
Description	Boolean

Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.8
Description	Certificate
Origin	RFC 4523

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.

OID	1.3.6.1.4.1.1466.115.121.1.9
Description	Certificate List
Origin	RFC 4523

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.

OID	1.3.6.1.4.1.1466.115.121.1.10

Description	Certificate Pair
Origin	RFC 4523

Collective Conflict Behavior

Values of this syntax indicate how to handle conflicts between real (stored) and virtual (computed) attribute values.

OID	1.3.6.1.4.1.26027.1.3.6
Description	Collective Conflict Behavior
Acceptable Values	real-overrides-virtual, virtual-overrides-real, merge-real-and-virtual
Schema File	00-core.ldif

Counter metric

OID	1.3.6.1.4.1.36733.2.1.3.10
Description	Counter metric
Substitute Syntax	Integer
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

Country String

Values of this syntax hold two-character country codes as defined in the ISO 3166 standard.

OID	1.3.6.1.4.1.1466.115.121.1.11
Description	Country String
Origin	RFC 4517

CSN (Change Sequence Number)

OID	1.3.6.1.4.1.36733.2.1.3.9
Description	CSN (Change Sequence Number)
Substitute Syntax	Directory String
Origin	OpenDJ Directory Server

| *Schema File* | 02-config.ldif |

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 (" ")
```

OID	1.3.6.1.4.1.1466.115.121.1.14
Description	Delivery Method
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.15
Description	Directory String
Origin	RFC 4517

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.

| *OID* | 1.3.6.1.4.1.1466.115.121.1.16 |

Description	DIT Content Rule Description
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.17
Description	DIT Structure Rule Description
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.12
Description	DN
Origin	RFC 4517

Duration in milli-seconds

OID	1.3.6.1.4.1.36733.2.1.3.4
Description	Duration in milli-seconds
Substitute Syntax	Integer
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

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.

OID	1.3.6.1.4.1.1466.115.121.1.21
Description	Enhanced Guide
Origin	RFC 4517

Expression syntax for Boolean

Values of this syntax hold either a Boolean value, or a configuration expression that evaluates to a Boolean value.

OID	1.3.6.1.4.1.36733.2.1.3.3.7
Description	Expression syntax for Boolean
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.8
Description	Expression syntax for Certificate
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.15
Description	Expression syntax for Directory String
Origin	OpenDJ Directory Server

Expression syntax for DN

Values of this syntax hold either a DN value, or a configuration expression that evaluates to a DN value.

OID	1.3.6.1.4.1.36733.2.1.3.3.12
Description	Expression syntax for DN
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.24
Description	Expression syntax for Generalized Time
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.26
Description	Expression syntax for IA5 String
Origin	OpenDJ Directory Server

Expression syntax for Integer

Values of this syntax hold either an integer value, or a configuration expression that evaluates to an integer value.

OID	1.3.6.1.4.1.36733.2.1.3.3.27
Description	Expression syntax for Integer
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.36
Description	Expression syntax for Numeric String
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.40
Description	Expression syntax for Octet String
Origin	OpenDJ Directory Server

Expression syntax for OID

Values of this syntax hold either an OID value, or a configuration expression that evaluates to an OID value.

OID	1.3.6.1.4.1.36733.2.1.3.3.38
Description	Expression syntax for OID
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.14
Description	Expression syntax for Sun-defined Access Control Information
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.36733.2.1.3.3.11
Description	Expression syntax for User Password
Origin	OpenDJ Directory Server

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"
```

OID	1.3.6.1.4.1.1466.115.121.1.22
Description	Facsimile Telephone Number
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.23
Description	Fax
Origin	RFC 4517

Filesystem path

OID	1.3.6.1.4.1.36733.2.1.3.8
Description	Filesystem path
Substitute Syntax	Directory String
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

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.

OID	1.3.6.1.4.1.1466.115.121.1.24
Description	Generalized Time
Origin	RFC 4517

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`.

OID	1.3.6.1.4.1.1466.115.121.1.25
Description	Guide
Origin	RFC 4517

Host port

OID	1.3.6.1.4.1.36733.2.1.3.11
Description	Host port
Substitute Syntax	Directory String
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

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.

OID	1.3.6.1.4.1.1466.115.121.1.26
Description	IA5 String
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.27
Description	Integer
Origin	RFC 4517

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 -- })
```

OID	1.3.6.1.4.1.1466.115.121.1.28
Description	JPEG
Origin	RFC 4517

Json

Values of this syntax hold JavaScript Object Notation (JSON) documents.

The syntax is specified in RFC 7159.

OID	1.3.6.1.4.1.36733.2.1.3.1
Description	Json
Origin	OpenDJ Directory Server

Json Query

Values of this syntax hold ForgeRock® Common REST JSON Query filter strings. See the directory documentation for details.

OID	1.3.6.1.4.1.36733.2.1.3.2
Description	Json Query
Origin	OpenDJ Directory Server

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.

OID	1.3.6.1.4.1.1466.115.121.1.54
Description	LDAP Syntax Description
Origin	RFC 4517

Matching Rule Description

Values of this syntax define matching rules.

The syntax corresponds to the `MatchingRuleDescription` ASN.1 type defined by X.501.

OID	1.3.6.1.4.1.1466.115.121.1.30
Description	Matching Rule Description
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.31

| *Description* | Matching Rule Use Description |
| *Origin* | RFC 4517 |

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.

OID	1.3.6.1.4.1.1466.115.121.1.34
Description	Name and Optional UID
Origin	RFC 4517

Name Form Description

Values of this syntax define name forms.

The syntax corresponds to the `NameFormDescription` ASN.1 type defined by X.501.

OID	1.3.6.1.4.1.1466.115.121.1.35
Description	Name Form Description
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.36
Description	Numeric String
Origin	RFC 4517

Object Class Description

Values of this syntax define object classes.

The syntax corresponds to the `ObjectClassDescription` ASN.1 type defined by X.501.

OID	1.3.6.1.4.1.1466.115.121.1.37
Description	Object Class Description
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.40
Description	Octet String
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.38
Description	OID
Origin	RFC 4517

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
}
```

OID	1.3.6.1.4.1.1466.115.121.1.39
Description	Other Mailbox
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.41
Description	Postal Address
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.43
Description	Presentation Address
Origin	RFC 2252

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.

OID	1.3.6.1.4.1.1466.115.121.1.44
Description	Printable String
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.42
Description	Protocol Information
Origin	RFC 2252

Size in bytes

OID	1.3.6.1.4.1.36733.2.1.3.5
Description	Size in bytes
Substitute Syntax	Integer
Origin	OpenDJ Directory Server

Schema File	02-config.ldif

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.

OID	1.3.6.1.4.1.1466.115.121.1.58
Description	Substring Assertion
Origin	RFC 4517

Subtree Specification

OID	1.3.6.1.4.1.1466.115.121.1.45

Description	Subtree Specification

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
}
```

OID	1.3.6.1.4.1.36733.2.1.3.7
Description	Summary metric
Substitute Syntax	Json
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

Sun-defined Access Control Information

Values of this syntax hold Access Control Instructions (ACI). See the directory documentation for details.

OID	1.3.6.1.4.1.26027.1.3.4
Description	Sun-defined Access Control Information

Supported Algorithm

Values of this syntax hold X.509 `SupportedAlgorithm`s, 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.

OID	1.3.6.1.4.1.1466.115.121.1.49

| *Description* | Supported Algorithm |
| *Origin* | RFC 4523 |

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.

OID	1.3.6.1.4.1.1466.115.121.1.50
Description	Telephone Number
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.51
Description	Teletex Terminal Identifier
Origin	RFC 4517

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.

OID	1.3.6.1.4.1.1466.115.121.1.52
Description	Telex Number
Origin	RFC 4517

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
}
```

OID	1.3.6.1.4.1.36733.2.1.3.6
Description	Timer metric
Substitute Syntax	Json
Origin	OpenDJ Directory Server
Schema File	02-config.ldif

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.

OID	1.3.6.1.4.1.26027.1.3.1
Description	User Password
Origin	OpenDS Directory Server

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.

OID	1.3.6.1.4.1.1466.115.121.1.53
Description	UTC Time
Origin	RFC 4517

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`.

OID	1.3.6.1.1.16.1
Description	UUID
Origin	RFC 4530

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
```

OID	1.3.6.1.1.15.1
Description	X.509 Certificate Exact Assertion
Origin	RFC 4523