



LDAP Schema Reference

/ Directory Services 6

Latest update: 6.0.0

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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

1.1. aci

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

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

1.2. aclRights

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

<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.39
<i>Names</i>	aclRights
<i>Description</i>	Sun-defined access control effective rights attribute type
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true

<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	Sun Java System Directory Server
<i>Schema File</i>	00-core.ldif

1.3. aclRightsInfo

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

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

1.4. administratorsAddress

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

<i>OID</i>	1.3.6.1.4.1.1466.101.120.1
<i>Names</i>	administratorsAddress
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-wahl-ldap-adminaddr
<i>Schema File</i>	00-core.ldif

1.5. aliasedObjectName

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

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

ForgeRock servers do not support alias dereferencing.

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

1.6. altServer

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

<i>OID</i>	1.3.6.1.4.1.1466.101.120.6
<i>Names</i>	altServer
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.7. aRecord

A type A (address) DNS resource record.

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

1.8. 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 ( "." )
  
```

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

1.9. associatedName

DNs of entries associated with a DNS domain.

<i>OID</i>	0.9.2342.19200300.100.1.38
<i>Names</i>	associatedName
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.10. attributeMap

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.9
<i>Names</i>	attributeMap
<i>Description</i>	Attribute mappings used, required, or supported by an agent or service
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.11. attributeTypes

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

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

1.12. audio

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

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

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.13. authenticationMethod

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

1.14. authorityRevocationList

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

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

<i>OID</i>	2.5.4.38
<i>Names</i>	authorityRevocationList
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Certificate List
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

1.15. authPassword

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

<i>OID</i>	1.3.6.1.4.1.4203.1.3.4
<i>Names</i>	authPassword
<i>Description</i>	password authentication information
<i>Equality Matching Rule</i>	authPasswordExactMatch
<i>Syntax</i>	Authentication Password Syntax
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3112
<i>Schema File</i>	03-rfc3112.ldif

1.16. automountInformation

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

1.17. automountKey

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

1.18. automountMapName

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

1.19. bindTimeLimit

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

1.20. blockInheritance

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

1.21. bootFile

<i>OID</i>	1.3.6.1.1.1.1.24
<i>Names</i>	bootFile
<i>Description</i>	Boot image name
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.22. bootParameter

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

1.23. buildingName

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

<i>OID</i>	0.9.2342.19200300.100.1.48
<i>Names</i>	buildingName
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.24. businessCategory

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

<i>OID</i>	2.5.4.15
<i>Names</i>	businessCategory
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.25. c-FacsimileTelephoneNumber

Fax phone number for a collection of entries.

<i>OID</i>	2.5.4.23.1
<i>Names</i>	c-FacsimileTelephoneNumber
<i>Superior Type</i>	facsimileTelephoneNumber
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Facsimile Telephone Number
<i>Single Value</i>	false: multiple values allowed

<i>Collective</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3671
<i>Schema File</i>	00-core.ldif

1.26. c-InternationalISDNNumber

ISDN address for a collection of entries.

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

1.27. c-l

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

<i>OID</i>	2.5.4.7.1
<i>Names</i>	c-l
<i>Superior Type</i>	l
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

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

1.28. c-o

Organization name for a collection of entries.

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

1.29. c-ou

Organizational unit name for a collection of entries.

<i>OID</i>	2.5.4.11.1
<i>Names</i>	c-ou
<i>Superior Type</i>	ou
<i>Equality Matching Rule</i>	caseIgnoreMatch

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

1.30. c-PhysicalDeliveryOfficeName

Post office for a collection of entries.

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

1.31. c-PostalAddress

Postal address for a collection of entries.

<i>OID</i>	2.5.4.16.1
<i>Names</i>	c-PostalAddress

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

1.32. c-PostalCode

Postal code for a collection of entries.

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

1.33. c-PostOfficeBox

Postal box identifier for a collection of entries.

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

1.34. c-st

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

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

1.35. c-street

Street address for a collection of entries.

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

1.36. c-TelephoneNumber

Phone number for a collection of entries.

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

1.37. c-TelexNumber

Telex terminal number for a collection of entries.

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

1.38. c

Two-letter ISO 3166 country code.

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

1.39. cACertificate

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

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

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

1.40. calCalAdrURI

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

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

1.41. calCalURI

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

<i>OID</i>	1.2.840.113556.1.4.478
------------	------------------------

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

1.42. calCAPURI

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

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

1.43. calFBURL

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

<i>OID</i>	1.2.840.113556.1.4.479
<i>Names</i>	calFBURL

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

1.44. calOtherCalAdrURIs

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

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

1.45. calOtherCalURIs

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

<i>OID</i>	1.2.840.113556.1.4.482
<i>Names</i>	calOtherCalURIs
<i>Equality Matching Rule</i>	caseIgnoreMatch

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

1.46. calOtherCAPURIs

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

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

1.47. calOtherFBURLs

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

<i>OID</i>	1.2.840.113556.1.4.483
<i>Names</i>	calOtherFBURLs
<i>Equality Matching Rule</i>	caseIgnoreMatch

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

1.48. carLicense

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

<i>OID</i>	2.16.840.1.113730.3.1.1
<i>Names</i>	carLicense
<i>Description</i>	vehicle license or registration plate
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.49. certificateRevocationList

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

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

<i>OID</i>	2.5.4.39
<i>Names</i>	certificateRevocationList

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

1.50. changeInitiatorsName

Points to the entry that initiated the modification.

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

1.51. changelog

<i>OID</i>	2.16.840.1.113730.3.1.35
<i>Names</i>	changelog
<i>Description</i>	the distinguished name of the entry which contains the set of entries comprising this servers changelog
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-good-ldap-changelog
<i>Schema File</i>	00-core.ldif

1.52. changeLogCookie

Opaque unique identifier for a change in distributed replication changelog.

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

1.53. 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.

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

1.54. changes

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

1.55. changeTime

Indicates when an entry was changed for replication.

<i>OID</i>	2.16.840.1.113730.3.1.77
------------	--------------------------

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

1.56. changeType

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

- add
- delete
- modify
- modrdn

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

1.57. cn

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

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

<i>OID</i>	2.5.4.3
<i>Names</i>	cn, commonName
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.58. cNAMERecord

A type CNAME (canonical name) DNS resource record.

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

1.59. co

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

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

1.60. collectiveAttributeSubentries

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

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

1.61. collectiveConflictBehavior

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

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

1.62. collectiveExclusions

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

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

1.63. 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.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.14
<i>Names</i>	corbaIor

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

1.64. corbaRepositoryId

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

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

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

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

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

Format used by RMI-IIOP remote objects.

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

DCE style: `DCE:UUID`

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

Local

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

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.15
<i>Names</i>	corbaRepositoryId
<i>Description</i>	Repository ids of interfaces implemented by a CORBA object

<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2714
<i>Schema File</i>	03-rfc2714.ldif

1.65. createTimestamp

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

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

1.66. creatorsName

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

<i>OID</i>	2.5.18.3
<i>Names</i>	creatorsName
<i>Equality Matching Rule</i>	distinguishedNameMatch

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

1.67. credentialLevel

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

1.68. crossCertificatePair

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

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

<i>OID</i>	2.5.4.40
<i>Names</i>	crossCertificatePair
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch

<i>Syntax</i>	Certificate Pair
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

1.69. dc

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

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

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

<i>OID</i>	0.9.2342.19200300.100.1.25
<i>Names</i>	dc, domainComponent
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.70. defaultSearchBase

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.1
------------	--------------------------

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

1.71. defaultSearchScope

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

1.72. defaultServerList

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.0
<i>Names</i>	defaultServerList
<i>Description</i>	List of default servers
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.73. deleteOldRDN

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

1.74. deltaRevocationList

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

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

<i>OID</i>	2.5.4.53
<i>Names</i>	deltaRevocationList
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch

<i>Syntax</i>	Certificate List
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

1.75. departmentNumber

Code for the department that a person belongs to.

Examples: [1234](#), [ABC/123](#).

<i>OID</i>	2.16.840.1.113730.3.1.2
<i>Names</i>	departmentNumber
<i>Description</i>	identifies a department within an organization
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.76. dereferenceAliases

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.16
<i>Names</i>	dereferenceAliases
<i>Description</i>	Specifies if a service or agent either requires, supports, or uses dereferencing of aliases.
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.77. description

Human-readable descriptive phrase about the entry.

<i>OID</i>	2.5.4.13
<i>Names</i>	description
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.78. destinationIndicator

Country and city strings used by the Public Telegram Service.

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

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

<i>OID</i>	2.5.4.27
<i>Names</i>	destinationIndicator
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Printable String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.79. displayName

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

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

1.80. distinguishedName

Base type for user attribute types with DN syntax.

<i>OID</i>	2.5.4.49
<i>Names</i>	distinguishedName
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.81. dITContentRules

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

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

1.82. dITRedirect

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

<i>OID</i>	0.9.2342.19200300.100.1.54
<i>Names</i>	dITRedirect
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.83. dITStructureRules

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

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

1.84. dmdName

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

<i>OID</i>	2.5.4.54
<i>Names</i>	dmdName
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	RFC 2256
<i>Schema File</i>	00-core.ldif

1.85. dnQualifier

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

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

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

1.86. documentAuthor

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

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

<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.87. documentIdentifier

Unique identifier(s) of a document.

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

1.88. documentLocation

Location(s) of the document original.

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

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1.89. documentPublisher

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

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

1.90. documentTitle

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

<i>OID</i>	0.9.2342.19200300.100.1.12
<i>Names</i>	documentTitle
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524

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1.91. documentVersion

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

1.92. drink

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

1.93. ds-certificate-fingerprint

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

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

1.94. ds-certificate-issuer-dn

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

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

1.95. ds-certificate-subject-dn

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.266
<i>Names</i>	ds-certificate-subject-dn
<i>Equality Matching Rule</i>	distinguishedNameMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.96. ds-mon-abandoned-requests

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

1.97. ds-mon-active-connections-count

<i>OID</i>	1.3.6.1.4.1.26027.1.1.253
<i>Names</i>	ds-mon-active-connections-count
<i>Description</i>	Number of active client connections
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.98. ds-mon-active-persistent-searches

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

1.99. ds-mon-alias

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

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

1.101. ds-mon-approximate-delay

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.503
<i>Names</i>	ds-mon-approximate-delay
<i>Description</i>	Approximate delay between this server and the connected replica
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Deprecated Since</i>	6.0.0
<i>Origin</i>	OpenDJ Directory Server

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1.102. ds-mon-assured-sd-acknowledged-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.486
<i>Names</i>	ds-mon-assured-sd-acknowledged-updates
<i>Description</i>	Number of updates sent in the safe-data mode of assured replication that have been successfully acknowledged
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.103. ds-mon-assured-sd-received-updates-timeout

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.475
<i>Names</i>	ds-mon-assured-sd-received-updates-timeout
<i>Description</i>	Number of updates received in the safe-data mode of assured replication that timed out
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.104. ds-mon-assured-sd-received-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.474
<i>Names</i>	ds-mon-assured-sd-received-updates
<i>Description</i>	Number of updates received in the safe-data mode of assured replication
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.105. ds-mon-assured-sd-sent-updates-timeout

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.477
<i>Names</i>	ds-mon-assured-sd-sent-updates-timeout
<i>Description</i>	Number of updates sent in the safe-data mode of assured replication that timed out
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.106. ds-mon-assured-sd-sent-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.476
<i>Names</i>	ds-mon-assured-sd-sent-updates
<i>Description</i>	Number of updates sent in the safe-data mode of assured replication
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.107. ds-mon-assured-sd-server-timeout-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.494
<i>Names</i>	ds-mon-assured-sd-server-timeout-updates
<i>Description</i>	Number of updates sent to other servers in the safe-data mode of assured replication that have not been acknowledged successfully due to timeout
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Json
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server

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1.108. ds-mon-assured-sd-timeout-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.487
<i>Names</i>	ds-mon-assured-sd-timeout-updates
<i>Description</i>	Number of updates sent in the safe-data mode of assured replication that have not been successfully acknowledged because of timeout
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.109. ds-mon-assured-sr-acknowledged-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.480
<i>Names</i>	ds-mon-assured-sr-acknowledged-updates
<i>Description</i>	Number of updates sent in the safe-read mode of assured replication that this server acknowledged successfully
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.110. ds-mon-assured-sr-not-acknowledged-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.481
<i>Names</i>	ds-mon-assured-sr-not-acknowledged-updates
<i>Description</i>	Number of updates sent in the safe-read mode of assured replication that have not been acknowledged successfully (due to timeout, incorrect status, or error during replay)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.111. ds-mon-assured-sr-received-updates-acked

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.478
<i>Names</i>	ds-mon-assured-sr-received-updates-acked
<i>Description</i>	Number of updates received in the safe-read mode of assured replication that this server acknowledged without errors
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.112. ds-mon-assured-sr-received-updates-not-acked

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.479
<i>Names</i>	ds-mon-assured-sr-received-updates-not-acked
<i>Description</i>	Number of updates received in the safe-read mode of assured replication that this server acknowledged with errors
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.113. ds-mon-assured-sr-received-updates-timeout

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.471
<i>Names</i>	ds-mon-assured-sr-received-updates-timeout
<i>Description</i>	Number of updates received in the safe-read mode of assured replication that timed out
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.114. ds-mon-assured-sr-received-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.470
<i>Names</i>	ds-mon-assured-sr-received-updates
<i>Description</i>	Number of updates received in the safe-read mode of assured replication
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.115. ds-mon-assured-sr-replay-error-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.485
<i>Names</i>	ds-mon-assured-sr-replay-error-updates
<i>Description</i>	Number of updates sent in the safe-read mode of assured replication that have not been acknowledged successfully due to replay errors
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.116. ds-mon-assured-sr-sent-updates-timeout

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.473
<i>Names</i>	ds-mon-assured-sr-sent-updates-timeout
<i>Description</i>	Number of updates sent in the safe-read mode of assured replication that timed out
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.117. ds-mon-assured-sr-sent-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.472
<i>Names</i>	ds-mon-assured-sr-sent-updates
<i>Description</i>	Number of updates sent in the safe-read mode of assured replication
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.118. ds-mon-assured-sr-server-not-acknowledged-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.482
<i>Names</i>	ds-mon-assured-sr-server-not-acknowledged-updates
<i>Description</i>	Number of updates sent to other servers in the safe-read mode of assured replication that have not been acknowledged successfully (due to timeout, incorrect status, or error during replay)
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Json
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.119. ds-mon-assured-sr-timeout-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.483
<i>Names</i>	ds-mon-assured-sr-timeout-updates
<i>Description</i>	Number of updates sent in the safe-read mode of assured replication that have not been acknowledged successfully due to timeout
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.120. ds-mon-assured-sr-wrong-status-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.484
<i>Names</i>	ds-mon-assured-sr-wrong-status-updates
<i>Description</i>	Number of updates sent in the safe-read mode of assured replication that have not been acknowledged successfully due to incorrect status
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.121. ds-mon-backend-degraded-index-count

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.364
<i>Names</i>	ds-mon-backend-degraded-index-count
<i>Description</i>	Number of degraded indexes in the backend
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.122. ds-mon-backend-degraded-index

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.365
<i>Names</i>	ds-mon-backend-degraded-index
<i>Description</i>	Backend degraded index
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.123. ds-mon-backend-entry-count

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

1.124. ds-mon-backend-filter-use-indexed

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.369
<i>Names</i>	ds-mon-backend-filter-use-indexed
<i>Description</i>	Number of indexed searches performed against the backend
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

1.126. ds-mon-backend-filter-use-unindexed

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.370
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<i>Names</i>	ds-mon-backend-filter-use-unindexed
<i>Description</i>	Number of unindexed searches performed against the backend
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.127. ds-mon-backend-filter-use

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

1.128. ds-mon-backend-is-private

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.356
<i>Names</i>	ds-mon-backend-is-private
<i>Description</i>	Whether the base DN's of this backend should be considered public or private
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.129. ds-mon-backend-proxy-base-dn

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

1.130. ds-mon-backend-proxy-partition

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.357
<i>Names</i>	ds-mon-backend-proxy-partition
<i>Description</i>	Remote LDAP servers that the proxy backend forwards requests to
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Summary metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server

Schema File	02-config.ldif
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1.131. ds-mon-backend-ttl-entries-deleted

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

1.132. ds-mon-backend-ttl-is-running

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

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

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

1.134. ds-mon-backend-ttl-queue-size

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

1.135. ds-mon-backend-ttl-thread-count

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.332
<i>Names</i>	ds-mon-backend-ttl-thread-count
<i>Description</i>	Number of active time-to-live threads
<i>Equality Matching Rule</i>	integerMatch

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.136. ds-mon-backend-writability-mode

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

1.137. ds-mon-base-dn-entry-count

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.367
<i>Names</i>	ds-mon-base-dn-entry-count
<i>Description</i>	Number of subordinate entries of the base DN, including the base DN
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.138. ds-mon-base-dn

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

1.139. ds-mon-build-number

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.321
<i>Names</i>	ds-mon-build-number
<i>Description</i>	Build number of the Directory Server
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.140. ds-mon-build-time

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

1.141. ds-mon-bytes-read

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.252
<i>Names</i>	ds-mon-bytes-read
<i>Description</i>	Network bytes read summary
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Summary metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.142. ds-mon-bytes-written

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

1.143. ds-mon-cache-entry-count

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.360
<i>Names</i>	ds-mon-cache-entry-count
<i>Description</i>	Current number of entries held in this cache
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.144. ds-mon-cache-max-entry-count

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.361
<i>Names</i>	ds-mon-cache-max-entry-count

<i>Description</i>	Maximum number of entries allowed in this cache
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.145. ds-mon-cache-max-size-bytes

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.362
<i>Names</i>	ds-mon-cache-max-size-bytes
<i>Description</i>	Memory limit for this cache
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.146. ds-mon-cache-misses

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.358
<i>Names</i>	ds-mon-cache-misses
<i>Description</i>	Number of attempts to retrieve an entry that was not held in this cache
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch

<i>Syntax</i>	Summary metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.147. ds-mon-cache-total-tries

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.359
<i>Names</i>	ds-mon-cache-total-tries
<i>Description</i>	Number of attempts to retrieve an entry from this cache
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Summary metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.148. ds-mon-certificate-expires-at

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.277
<i>Names</i>	ds-mon-certificate-expires-at
<i>Description</i>	Certificate expiration date and time
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.149. ds-mon-certificate-issuer-dn

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.274
<i>Names</i>	ds-mon-certificate-issuer-dn
<i>Description</i>	Certificate issuer DN
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.150. ds-mon-certificate-serial-number

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

1.151. ds-mon-certificate-subject-dn

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.275
<i>Names</i>	ds-mon-certificate-subject-dn
<i>Description</i>	Certificate subject DN
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.152. ds-mon-compact-version

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

1.153. ds-mon-config-dn

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

1.154. ds-mon-connected-to-server-hostport

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

1.155. ds-mon-connected-to-server-id

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.462
<i>Names</i>	ds-mon-connected-to-server-id
<i>Description</i>	Identifier of the server that this server is connected to
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.156. ds-mon-connection

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

1.157. ds-mon-connections

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.251
<i>Names</i>	ds-mon-connections
<i>Description</i>	Connection summary
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Summary metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.158. ds-mon-current-connections

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

1.159. ds-mon-current-delay

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

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1.160. ds-mon-current-receive-window

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

1.161. ds-mon-current-time

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

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

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

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

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

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

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

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

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

1.166. ds-mon-db-cache-size-active

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.379
<i>Names</i>	ds-mon-db-cache-size-active

<i>Description</i>	Size of the database cache
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.376
<i>Names</i>	ds-mon-db-cache-total-tries-leaf-nodes
<i>Description</i>	Number of leaf nodes (data records) requested by btree operations
<i>Equality Matching Rule</i>	integerMatch

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.169. ds-mon-db-checkpoint-count

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.381
<i>Names</i>	ds-mon-db-log-cleaner-file-deletion-count
<i>Description</i>	Number of cleaner file deletions
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.171. ds-mon-db-log-files-open

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

1.172. ds-mon-db-log-files-opened

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

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.173. ds-mon-db-log-size-active

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.380
<i>Names</i>	ds-mon-db-log-size-active
<i>Description</i>	Bytes used by all active data files (files required for basic database operation)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.174. ds-mon-db-log-size-total

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

1.175. ds-mon-db-log-utilization-max

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

1.176. ds-mon-db-log-utilization-min

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

1.177. ds-mon-db-version

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

1.178. ds-mon-disk-dir

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

1.179. ds-mon-disk-free

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.335
<i>Names</i>	ds-mon-disk-free
<i>Description</i>	Amount of free disk space

<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.180. ds-mon-disk-full-threshold

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

1.181. ds-mon-disk-low-threshold

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.337
<i>Names</i>	ds-mon-disk-low-threshold
<i>Description</i>	Effective low disk space threshold
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.182. ds-mon-disk-root

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.353
<i>Names</i>	ds-mon-disk-root
<i>Description</i>	Monitored disk root
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Filesystem path
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.183. ds-mon-disk-state

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.336
<i>Names</i>	ds-mon-disk-state
<i>Description</i>	Current disk state, can be either "normal", "low" or "full"
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.184. ds-mon-domain-generation-id

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

1.185. ds-mon-domain-name

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.466
<i>Names</i>	ds-mon-domain-name
<i>Description</i>	Replication domain name
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server

Schema File	02-config.ldif
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1.186. ds-mon-entries-awaiting-updates-count

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.500
<i>Names</i>	ds-mon-entries-awaiting-updates-count
<i>Description</i>	Number of entries for which an update operation has been received but not replayed yet by this replica
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.187. ds-mon-fix-ids

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

1.188. ds-mon-full-version

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

1.189. ds-mon-install-path

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

1.190. ds-mon-instance-path

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

1.191. ds-mon-jvm-architecture

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

1.192. ds-mon-jvm-arguments

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.307
<i>Names</i>	ds-mon-jvm-arguments
<i>Description</i>	Input arguments passed to the Java virtual machine
<i>Equality Matching Rule</i>	caseExactMatch

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.193. ds-mon-jvm-available-cpus

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

1.194. ds-mon-jvm-class-path

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.294
<i>Names</i>	ds-mon-jvm-class-path
<i>Description</i>	Path used to find directories and JAR archives containing Java class files
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Filesystem path

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.195. ds-mon-jvm-classes-loaded

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

1.196. ds-mon-jvm-classes-unloaded

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.389
<i>Names</i>	ds-mon-jvm-classes-unloaded
<i>Description</i>	Number of classes unloaded since the Java virtual machine started
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.459
<i>Names</i>	ds-mon-jvm-garbage-collector-concurrent-mark-sweep-time
<i>Description</i>	Approximate accumulated time taken by the "concurrent mark sweep" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.449
<i>Names</i>	ds-mon-jvm-garbage-collector-copy-time
<i>Description</i>	Approximate accumulated time taken by the "copy" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.457
<i>Names</i>	ds-mon-jvm-garbage-collector-g1-old-generation-time
<i>Description</i>	Approximate accumulated time taken by the "g1 old generation" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.455
<i>Names</i>	ds-mon-jvm-garbage-collector-g1-young-generation-time
<i>Description</i>	Approximate accumulated time taken by the "g1 young generation" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.451
<i>Names</i>	ds-mon-jvm-garbage-collector-mark-sweep-compact-time
<i>Description</i>	Approximate accumulated time taken by the "mark sweep compact" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.453
<i>Names</i>	ds-mon-jvm-garbage-collector-par-new-time
<i>Description</i>	Approximate accumulated time taken by the "par new" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.447
<i>Names</i>	ds-mon-jvm-garbage-collector-ps-mark-sweep-time
<i>Description</i>	Approximate accumulated time taken by the "parallel scavenge mark sweep" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.444
<i>Names</i>	ds-mon-jvm-garbage-collector-ps-scavenge-count

<i>Description</i>	Number of collections performed by the "parallel scavenge" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.445
<i>Names</i>	ds-mon-jvm-garbage-collector-ps-scavenge-time
<i>Description</i>	Approximate accumulated time taken by the "parallel scavenge" garbage collection algorithm
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Duration in milli-seconds
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.213. ds-mon-jvm-java-home

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.293
<i>Names</i>	ds-mon-jvm-java-home
<i>Description</i>	Installation directory for Java runtime environment (JRE)

<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Filesystem path
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.214. ds-mon-jvm-java-vendor

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

1.215. ds-mon-jvm-java-version

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.289
<i>Names</i>	ds-mon-jvm-java-version
<i>Description</i>	Java runtime environment (JRE) version
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.216. ds-mon-jvm-memory-heap-init

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

1.217. ds-mon-jvm-memory-heap-max

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.397
<i>Names</i>	ds-mon-jvm-memory-heap-max
<i>Description</i>	Maximum amount of heap memory that the Java virtual machine will attempt to use
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.218. ds-mon-jvm-memory-heap-reserved

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

1.219. ds-mon-jvm-memory-heap-used

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.393
<i>Names</i>	ds-mon-jvm-memory-heap-used
<i>Description</i>	Amount of heap memory used by the Java virtual machine
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.220. ds-mon-jvm-memory-init

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

1.221. ds-mon-jvm-memory-max

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.302
<i>Names</i>	ds-mon-jvm-memory-max
<i>Description</i>	Maximum amount of memory that the Java virtual machine will attempt to use
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server

Schema File	02-config.ldif
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1.222. ds-mon-jvm-memory-non-heap-init

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

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

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

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

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

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.415
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<i>Names</i>	ds-mon-jvm-memory-pools-code-cache-init
<i>Description</i>	Amount of "code cache" memory that the Java virtual machine initially requested from the operating system
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.414
<i>Names</i>	ds-mon-jvm-memory-pools-code-cache-reserved

<i>Description</i>	Amount of "code cache" memory that is committed for the Java virtual machine to use
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.425
<i>Names</i>	ds-mon-jvm-memory-pools-compressed-class-space-init

<i>Description</i>	Amount of "compressed class space" memory that the Java virtual machine initially requested from the operating system
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.424
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<i>Names</i>	ds-mon-jvm-memory-pools-compressed-class-space-reserved
<i>Description</i>	Amount of "compressed class space" memory that is committed for the Java virtual machine to use
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.420
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<i>Names</i>	ds-mon-jvm-memory-pools-metaspace-init
<i>Description</i>	Amount of "metaspace" memory that the Java virtual machine initially requested from the operating system
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.419
<i>Names</i>	ds-mon-jvm-memory-pools-metaspace-reserved

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

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.431
<i>Names</i>	ds-mon-jvm-memory-pools-ps-eden-space-init
<i>Description</i>	Amount of "parallel scavenge eden space" memory that the Java virtual machine initially requested from the operating system

<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

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

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

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

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

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

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.442
<i>Names</i>	ds-mon-jvm-memory-pools-ps-old-gen-used-after-gc
<i>Description</i>	Amount of "parallel scavenge old generation" memory after the last time garbage collection recycled unused objects in this memory pool
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.437
<i>Names</i>	ds-mon-jvm-memory-pools-ps-survivor-space-init
<i>Description</i>	Amount of "parallel scavenge survivor space" memory that the Java virtual machine initially requested from the operating system
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.435
<i>Names</i>	ds-mon-jvm-memory-pools-ps-survivor-space-reserved
<i>Description</i>	Amount of "parallel scavenge survivor space" memory that is committed for the Java virtual machine to use
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.434
<i>Names</i>	ds-mon-jvm-memory-pools-ps-survivor-space-used
<i>Description</i>	Amount of "parallel scavenge survivor space" memory used by the Java virtual machine
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.253. ds-mon-jvm-memory-reserved

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

1.254. ds-mon-jvm-memory-used

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.304
<i>Names</i>	ds-mon-jvm-memory-used
<i>Description</i>	Amount of memory used by the Java virtual machine
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Size in bytes
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.255. ds-mon-jvm-supported-tls-ciphers

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

1.256. ds-mon-jvm-supported-tls-protocols

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

1.257. ds-mon-jvm-threads-blocked-count

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

1.258. ds-mon-jvm-threads-count

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

1.259. ds-mon-jvm-threads-daemon-count

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

1.260. ds-mon-jvm-threads-deadlock-count

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

1.261. ds-mon-jvm-threads-deadlocks

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.410
<i>Names</i>	ds-mon-jvm-threads-deadlocks
<i>Description</i>	Diagnostic stack traces for deadlocked threads

<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.262. ds-mon-jvm-threads-new-count

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

1.263. ds-mon-jvm-threads-runnable-count

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.402
<i>Names</i>	ds-mon-jvm-threads-runnable-count
<i>Description</i>	Number of threads in the RUNNABLE state
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.264. ds-mon-jvm-threads-terminated-count

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.405
<i>Names</i>	ds-mon-jvm-threads-timed-waiting-count
<i>Description</i>	Number of threads in the TIMED_WAITING state
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.266. ds-mon-jvm-threads-waiting-count

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

1.267. ds-mon-jvm-vendor

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.292
<i>Names</i>	ds-mon-jvm-vendor
<i>Description</i>	Java virtual machine vendor
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.268. ds-mon-jvm-version

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

1.269. ds-mon-listen-address

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

1.270. ds-mon-lost-connections

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

1.271. ds-mon-major-version

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

1.272. ds-mon-max-connections

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

1.273. ds-mon-minor-version

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

1.274. ds-mon-missing-changes

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.468
<i>Names</i>	ds-mon-missing-changes
<i>Description</i>	Missing changes for replication

<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Deprecated Since</i>	6.0.0
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.275. ds-mon-newest-change-number

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

1.276. ds-mon-newest-csn-timestamp

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.347
<i>Names</i>	ds-mon-newest-csn-timestamp
<i>Description</i>	Timestamp of the newest CSN present in the replica database
<i>Equality Matching Rule</i>	generalizedTimeMatch

<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.277. ds-mon-newest-csn

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

1.278. ds-mon-oldest-change-number

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.342
<i>Names</i>	ds-mon-oldest-change-number
<i>Description</i>	Oldest change number present in the change number index database
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.279. ds-mon-oldest-csn-timestamp

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

1.280. ds-mon-oldest-csn

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.344
<i>Names</i>	ds-mon-oldest-csn
<i>Description</i>	Oldest CSN present in the replica database
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	CSN (Change Sequence Number)
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.281. ds-mon-os-architecture

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

1.282. ds-mon-os-name

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.296
<i>Names</i>	ds-mon-os-name
<i>Description</i>	Operating system name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.283. ds-mon-os-version

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

1.284. ds-mon-point-version

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

1.285. ds-mon-product-name

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

1.286. ds-mon-protocol

<i>OID</i>	1.3.6.1.4.1.26027.1.1.254
<i>Names</i>	ds-mon-protocol
<i>Description</i>	Network protocol
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.287. ds-mon-replayed-updates-conflicts-resolved

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

1.288. ds-mon-replayed-updates-conflicts-unresolved

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.497
<i>Names</i>	ds-mon-replayed-updates-conflicts-unresolved
<i>Description</i>	Number of updates replayed on this replica for which replication naming conflicts have not been resolved
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Counter metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.289. ds-mon-replayed-updates

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.288
<i>Names</i>	ds-mon-replayed-updates

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

1.290. ds-mon-requests-abandon

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.256
<i>Names</i>	ds-mon-requests-abandon
<i>Description</i>	Abandon request timer
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Timer metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.291. ds-mon-requests-add

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.257
<i>Names</i>	ds-mon-requests-add
<i>Description</i>	Add request timer
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Timer metric
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.292. ds-mon-requests-bind

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

1.293. ds-mon-requests-compare

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

1.294. ds-mon-requests-delete

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

1.295. ds-mon-requests-extended

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

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.279
<i>Names</i>	ds-mon-requests-failure-client-invalid-request

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

1.297. ds-mon-requests-failure-client-redirect

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

1.298. ds-mon-requests-failure-client-referral

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.282
<i>Names</i>	ds-mon-requests-failure-client-referral
<i>Description</i>	Timer for requests that failed because the server did not hold the request targeted entry (but was able to provide alternative servers that may) (associated LDAP result code: 10)

<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Timer metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

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

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

1.300. ds-mon-requests-failure-client-security

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.280
<i>Names</i>	ds-mon-requests-failure-client-security
<i>Description</i>	Timer for requests that failed for security reasons (associated LDAP result codes: 8, 9, 13, 25, 26, 27; associated HTTP status codes: unauthorized (401) and forbidden (403))
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch

<i>Syntax</i>	Timer metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.301. ds-mon-requests-failure-server

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

1.302. ds-mon-requests-failure-uncategorized

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

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.303. ds-mon-requests-get

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

1.304. ds-mon-requests-in-queue

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

1.305. ds-mon-requests-modify-dn

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

1.306. ds-mon-requests-modify

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

1.307. ds-mon-requests-patch

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.269
<i>Names</i>	ds-mon-requests-patch

<i>Description</i>	PATCH request timer
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Timer metric
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.308. ds-mon-requests-post

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

1.309. ds-mon-requests-put

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.272
<i>Names</i>	ds-mon-requests-put
<i>Description</i>	PUT request timer
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Timer metric
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.310. ds-mon-requests-rejected-queue-full

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

1.311. ds-mon-requests-search-base

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

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1.312. ds-mon-requests-search-one

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

1.313. ds-mon-requests-search-sub

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

1.314. ds-mon-requests-submitted

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

1.315. ds-mon-requests-unbind

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

1.316. ds-mon-requests-uncategorized

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.250
<i>Names</i>	ds-mon-requests-uncategorized
<i>Description</i>	Uncategorized request timer
<i>Equality Matching Rule</i>	caseIgnoreJsonQueryMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Timer metric

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.317. ds-mon-revision

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

1.318. ds-mon-sent-updates

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

<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.319. ds-mon-server-hostport

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.463
<i>Names</i>	ds-mon-server-hostport
<i>Description</i>	Host and port of a server
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Host port
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.320. ds-mon-server-id

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.461
<i>Names</i>	ds-mon-server-id
<i>Description</i>	Server identifier
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.321. ds-mon-server-state

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

1.322. ds-mon-short-name

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

1.323. ds-mon-ssl-encryption

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

1.324. ds-mon-start-time

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

1.325. ds-mon-status-last-changed

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.506
<i>Names</i>	ds-mon-status-last-changed
<i>Description</i>	Last date and time the replication status of the local replica changed
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.326. ds-mon-status

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

1.327. ds-mon-system-name

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.300
<i>Names</i>	ds-mon-system-name
<i>Description</i>	Fully qualified domain name of the system where the Directory Server is running
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.328. ds-mon-total-connections

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

1.329. ds-mon-updates-inbound-queue

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.501
<i>Names</i>	ds-mon-updates-inbound-queue
<i>Description</i>	Number of remote updates received from the replication server but not replayed yet on this replica
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.330. ds-mon-updates-outbound-queue

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

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

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

<i>Interface Stability</i>	Internal: Internal use only, subject to change without notice
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.332. ds-mon-vendor-name

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

1.333. ds-mon-version-qualifier

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.320
<i>Names</i>	ds-mon-version-qualifier
<i>Description</i>	Version qualifier of the Directory Server
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.334. ds-mon-working-directory

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

1.335. ds-private-naming-contexts

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.246
<i>Names</i>	ds-private-naming-contexts
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.336. ds-privilege-name

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

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

1.337. ds-pwp-account-disabled

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

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

1.338. ds-pwp-account-expiration-time

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.237
<i>Names</i>	ds-pwp-account-expiration-time
<i>Equality Matching Rule</i>	generalizedTimeMatch

<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.339. ds-pwp-last-login-time

Holds a timestamp of the last successful bind.

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

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

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.163
<i>Names</i>	ds-pwp-password-changed-by-required-time
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.341. ds-pwp-password-expiration-time

Indicates when the password for the current entry expires.

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

1.342. ds-pwp-password-policy-dn

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.244
<i>Names</i>	ds-pwp-password-policy-dn
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.343. ds-pwp-reset-time

Indicates when the user's password was reset.

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

1.344. ds-pwp-warned-time

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.165
<i>Names</i>	ds-pwp-warned-time
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.345. ds-rlim-cursor-entry-limit

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

1.346. ds-rlim-idle-time-limit

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

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

1.347. ds-rlim-lookthrough-limit

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

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

1.348. ds-rlim-size-limit

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

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

1.349. ds-rlim-time-limit

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

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

1.350. ds-sync-conflict

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

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

1.351. ds-sync-fractional-exclude

Indicates which attributes to exclude in fractional replication.

<i>OID</i>	1.3.6.1.4.1.26027.1.1.589
<i>Names</i>	ds-sync-fractional-exclude

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

1.352. ds-sync-fractional-include

Indicates which attributes to include in fractional replication.

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

1.353. ds-sync-generation-id

Holds the replication generation ID for a backend.

<i>OID</i>	1.3.6.1.4.1.26027.1.1.405
<i>Names</i>	ds-sync-generation-id
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.354. ds-sync-hist

Holds historical information for replication.

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

1.355. ds-sync-state

Holds replication state information for a backend.

<i>OID</i>	1.3.6.1.4.1.26027.1.1.185
<i>Names</i>	ds-sync-state
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

1.356. ds-target-group-dn

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

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

1.357. dSAQuality

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

<i>OID</i>	0.9.2342.19200300.100.1.49
<i>Names</i>	dSAQuality
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.358. emailAddress

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

1.359. employeeNumber

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

<i>OID</i>	2.16.840.1.113730.3.1.3
<i>Names</i>	employeeNumber
<i>Description</i>	numerically identifies an employee within an organization
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.360. employeeType

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

<i>OID</i>	2.16.840.1.113730.3.1.4
<i>Names</i>	employeeType
<i>Description</i>	type of employment for a person
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.361. enhancedSearchGuide

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

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

<i>OID</i>	2.5.4.47
<i>Names</i>	enhancedSearchGuide
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Enhanced Guide
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.362. entryDN

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

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

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

1.363. entryUUID

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

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

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

Example: `597ae2f6-16a6-1027-98f4-d28b5365dc14`.

<i>OID</i>	1.3.6.1.1.16.4
<i>Names</i>	entryUUID
<i>Description</i>	UUID of the entry

<i>Equality Matching Rule</i>	uuidMatch
<i>Ordering Matching Rule</i>	uuidOrderingMatch
<i>Syntax</i>	UUID
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4530
<i>Schema File</i>	00-core.ldif

1.364. etag

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

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

1.365. facsimileTelephoneNumber

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

<i>OID</i>	2.5.4.23
<i>Names</i>	facsimileTelephoneNumber
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Facsimile Telephone Number
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.366. firstChangeNumber

Holds the oldest change number in the changelog.

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

1.367. followReferrals

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.5
<i>Names</i>	followReferrals
<i>Description</i>	An agent or service does or should follow referrals
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.368. fullVendorVersion

Holds the vendor version including the build number.

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

1.369. gecost

<i>OID</i>	1.3.6.1.1.1.1.2
<i>Names</i>	gecost
<i>Description</i>	The GECOS field; the common name
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis

Schema File	04-rfc2307bis.ldif
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1.370. generationQualifier

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

Examples: **Jr.**, **3rd**

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

1.371. gidNumber

<i>OID</i>	1.3.6.1.1.1.1.1
<i>Names</i>	gidNumber
<i>Description</i>	An integer uniquely identifying a group in an administrative domain
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis

Schema File	04-rfc2307bis.ldif
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1.372. givenName

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

<i>OID</i>	2.5.4.42
<i>Names</i>	givenName
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.373. governingStructureRule

Indicates the structure rule governing the entry. The structure rule defines the names entries may have, and how entries may be related to each other.

<i>OID</i>	2.5.21.10
<i>Names</i>	governingStructureRule
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.374. hasSubordinates

Indicates whether the entry has any subordinate entries.

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

1.375. homeDirectory

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

1.376. homePhone

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

<i>OID</i>	0.9.2342.19200300.100.1.20
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<i>Names</i>	homePhone, homeTelephoneNumber
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Syntax</i>	Telephone Number
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.377. homePostalAddress

Home postal address for an object, such as `1234 Main St.$Anytown, CA 12345$USA`. Values are expected to be no longer than 6 directory strings of 30 characters each, although servers are not expected to enforce these limits.

<i>OID</i>	0.9.2342.19200300.100.1.39
<i>Names</i>	homePostalAddress
<i>Equality Matching Rule</i>	caseIgnoreListMatch
<i>Substring Matching Rule</i>	caseIgnoreListSubstringsMatch
<i>Syntax</i>	Postal Address
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.378. host

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

<i>OID</i>	0.9.2342.19200300.100.1.9
<i>Names</i>	host
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

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

1.379. houseIdentifier

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

1.380. includedAttributes

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

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.6
<i>Names</i>	includedAttributes
<i>Description</i>	A set of attributes which were part of the entry before the changes were applied
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	03-changelog.ldif

1.381. info

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

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

1.382. inheritable

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

1.383. inheritAttribute

Holds the name of a collective attribute to inherit.

<i>OID</i>	1.3.6.1.4.1.26027.1.1.625
<i>Names</i>	inheritAttribute
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	OID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	00-core.ldif

1.384. inheritFromBaseRDN

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.622
<i>Names</i>	inheritFromBaseRDN
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	00-core.ldif

1.385. inheritFromDNAttribute

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

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

1.386. inheritFromRDNAttribute

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

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

1.387. inheritFromRDNType

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

<i>OID</i>	1.3.6.1.4.1.26027.1.1.623
<i>Names</i>	inheritFromRDNType
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	OID
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	00-core.ldif

1.388. initials

Strings of initials of some or all of a person's names, excluding the surname(s). Each string is one value of the attribute.

<i>OID</i>	2.5.4.43
<i>Names</i>	initials
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.389. internationaliSDNNumber

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

<i>OID</i>	2.5.4.25
<i>Names</i>	internationaliSDNNumber
<i>Equality Matching Rule</i>	numericStringMatch
<i>Ordering Matching Rule</i>	numericStringOrderingMatch

<i>Substring Matching Rule</i>	numericStringSubstringsMatch
<i>Syntax</i>	Numeric String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.390. ipHostNumber

<i>OID</i>	1.3.6.1.1.1.1.19
<i>Names</i>	ipHostNumber
<i>Description</i>	IPv4 addresses as a dotted decimal omitting leading zeros or IPv6 addresses as defined in RFC2373
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.391. ipNetmaskNumber

<i>OID</i>	1.3.6.1.1.1.1.21
<i>Names</i>	ipNetmaskNumber
<i>Description</i>	IP netmask as a dotted decimal, eg. 255.255.255.0, omitting leading zeros
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.392. ipNetworkNumber

<i>OID</i>	1.3.6.1.1.1.1.20
<i>Names</i>	ipNetworkNumber
<i>Description</i>	IP network as a dotted decimal, eg. 192.168, omitting leading zeros
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.393. ipProtocolNumber

<i>OID</i>	1.3.6.1.1.1.1.17
<i>Names</i>	ipProtocolNumber
<i>Description</i>	IP protocol number
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.394. ipServicePort

<i>OID</i>	1.3.6.1.1.1.1.15
<i>Names</i>	ipServicePort
<i>Description</i>	Service port number
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.395. ipServiceProtocol

<i>OID</i>	1.3.6.1.1.1.1.16
<i>Names</i>	ipServiceProtocol
<i>Description</i>	Service protocol name
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.396. ipTnetNumber

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.68
<i>Names</i>	ipTnetNumber
<i>Description</i>	Trusted Solaris network template ip_address
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.397. ipTnetTemplateName

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.67
<i>Names</i>	ipTnetTemplateName
<i>Description</i>	Trusted Solaris network template template_name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.398. isMemberOf

Shows group DNs of which this entry is a member.

<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.792
<i>Names</i>	isMemberOf
<i>Description</i>	Sun-defined attribute type
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	Sun Java System Directory Server
<i>Schema File</i>	00-core.ldif

1.399. 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.`

<i>OID</i>	0.9.2342.19200300.100.1.46
<i>Names</i>	janetMailbox
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.400. javaClassName

Case-sensitive fully qualified name of a Java class or interface.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.6
<i>Names</i>	javaClassName
<i>Description</i>	Fully qualified name of distinguished Java class or interface
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

1.401. javaClassNames

Case-sensitive fully qualified names of a Java class or interface. Multiple values represent a class or interface name of this object, or of an ancestor class or interface of this object.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.13
<i>Names</i>	javaClassNames
<i>Description</i>	Fully qualified Java class or interface name
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

1.402. javaCodebase

Location from which to load the class specified by the `javaClassName` attribute.

If multiple values are present, each value is an independent code base, meaning each is an alternative location from which to load the class definition.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.7
<i>Names</i>	javaCodebase
<i>Description</i>	URL(s) specifying the location of class definition
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

1.403. javaDoc

URL to the Javadoc for the object.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.12
<i>Names</i>	javaDoc
<i>Description</i>	The Java documentation for the class
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

1.404. javaFactory

Case-sensitive fully qualified name of a Java class that can be used to create an instance of the class specified by the `javaClassName` attribute.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.10
<i>Names</i>	javaFactory
<i>Description</i>	Fully qualified Java class name of a JNDI object factory
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

1.405. 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`.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.11
<i>Names</i>	javaReferenceAddress
<i>Description</i>	Addresses associated with a JNDI Reference
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

1.406. javaSerializedData

A serialized Java object. For details, see the *Java Object Serialization Specification*.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.1.8
<i>Names</i>	javaSerializedData
<i>Description</i>	Serialized form of a Java object
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

1.407. jpegPhoto

An image of a person in the JPEG File Interchange Format (JFIF).

<i>OID</i>	0.9.2342.19200300.100.1.60
<i>Names</i>	jpegPhoto
<i>Description</i>	a JPEG image
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	JPEG
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.408. knowledgeInformation

According to the specification, "This attribute is no longer used."

<i>OID</i>	2.5.4.2
<i>Names</i>	knowledgeInformation
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2256

Schema File	00-core.ldif
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1.409. l

Name of a locality or place, such as a city, country or geographic region.

<i>OID</i>	2.5.4.7
<i>Names</i>	l, localityName
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.410. labeledURI

A URI with an optional label, as described in RFC 2079.

Example: <https://forgerock.com> ForgeRock Home Page

<i>OID</i>	1.3.6.1.4.1.250.1.57
<i>Names</i>	labeledURI
<i>Description</i>	Uniform Resource Identifier with optional label
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2079
<i>Schema File</i>	00-core.ldif

1.411. labeledURL

<i>OID</i>	1.3.6.1.4.1.250.1.41
<i>Names</i>	labeledURL
<i>Description</i>	Uniform Resource Locator with optional label
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2079
<i>Schema File</i>	00-core.ldif

1.412. lastChangeNumber

Holds the newest change number in the changelog.

<i>OID</i>	1.3.6.1.4.1.26027.1.1.594
<i>Names</i>	lastChangeNumber
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server

Schema File	00-core.ldif
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1.413. lastExternalChangelogCookie

Holds the most recent cookie (cross domain state) available.

<i>OID</i>	1.3.6.1.4.1.26027.1.1.585
<i>Names</i>	lastExternalChangelogCookie
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	00-core.ldif

1.414. lastModifiedBy

DN of the last user to modify the entry.

Although not described in the RFC as an operational attribute, this attribute should be maintained by the server.

<i>OID</i>	0.9.2342.19200300.100.1.24
<i>Names</i>	lastModifiedBy
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274

Schema File	00-core.ldif
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1.415. lastModifiedTime

UTC time when the entry was last modified.

Although not described in the RFC as an operational attribute, this attribute should be maintained by the server.

<i>OID</i>	0.9.2342.19200300.100.1.23
<i>Names</i>	lastModifiedTime
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.416. ldapSyntaxes

This operational attribute used in LDAP schema defines syntaxes, which specify encodings used in LDAP.

<i>OID</i>	1.3.6.1.4.1.1466.101.120.16
<i>Names</i>	ldapSyntaxes
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Syntax</i>	LDAP Syntax Description
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.417. loginShell

<i>OID</i>	1.3.6.1.1.1.1.4
<i>Names</i>	loginShell
<i>Description</i>	The path to the login shell
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.418. macAddress

<i>OID</i>	1.3.6.1.1.1.1.22
<i>Names</i>	macAddress
<i>Description</i>	MAC address in maximal, colon separated hex notation, eg. 00:00:92:90:ee:e2
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.419. mail

Internet mail addresses in Mailbox form, as described in RFC 2821. The server does not ensure that mail addresses conform to RFC 2821, however.

Be aware that matching is case-insensitive: `(mail=bjensen@example.com)` matches `BJENSEN@example.com`

Applications supporting internationalized domain names must use the ToASCII method described in RFC 3490 to produce subdomain components of the Mailbox form.

<i>OID</i>	0.9.2342.19200300.100.1.3
<i>Names</i>	mail, rfc822Mailbox
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.420. mailPreferenceOption

Indication of user's preference for having their names included in mailing lists.

Values are from the following list:

no-list-inclusion (Default)

Do not add name in mailing lists.

any-list-inclusion

May add name in mailing lists.

professional-list-inclusion

May add name in mailing lists related to user's professional interests, optionally as evaluated from the business organization or keywords in the entry.

<i>OID</i>	0.9.2342.19200300.100.1.47
<i>Names</i>	mailPreferenceOption
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.421. manager

DNs of manager entries for the entry of a person or entity.

<i>OID</i>	0.9.2342.19200300.100.1.10
<i>Names</i>	manager
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.422. matchingRules

This operational attribute used in LDAP schema defines matching rules, which specify how values of attributes are matched and compared.

<i>OID</i>	2.5.21.4
<i>Names</i>	matchingRules
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Syntax</i>	Matching Rule Description
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.423. matchingRuleUse

This operational attribute used in LDAP schema defines matching rule uses, which list attributes that can be used with an `extensibleMatch` search filter.

<i>OID</i>	2.5.21.8
<i>Names</i>	matchingRuleUse
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Syntax</i>	Matching Rule Use Description
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.424. mDRecord

A type MD (mail destination) DNS resource record.

<i>OID</i>	0.9.2342.19200300.100.1.27
<i>Names</i>	mDRecord
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.425. member

Distinguished names of objects that are part of a group.

<i>OID</i>	2.5.4.31
<i>Names</i>	member
<i>Superior Type</i>	distinguishedName
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.426. memberGid

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.30
<i>Names</i>	memberGid
<i>Description</i>	Posix Group Name
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.427. memberNisNetgroup

<i>OID</i>	1.3.6.1.1.1.1.13
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<i>Names</i>	memberNisNetgroup
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseExactIA5SubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.428. memberUid

<i>OID</i>	1.3.6.1.1.1.1.12
<i>Names</i>	memberUid
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.429. memberURL

Holds LDAP URLs specifying dynamic group membership.

<i>OID</i>	2.16.840.1.113730.3.1.198
<i>Names</i>	memberURL
<i>Description</i>	Sun-defined attribute type
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Sun Java System Directory Server
<i>Schema File</i>	00-core.ldif

1.430. mgrpRFC822MailMember

<i>OID</i>	2.16.840.1.113730.3.1.30
<i>Names</i>	mgrpRFC822MailMember
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.431. mobile

Mobile phone number, such as **+1 415 555 1212**.

<i>OID</i>	0.9.2342.19200300.100.1.41
<i>Names</i>	mobile, mobileTelephoneNumber
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Syntax</i>	Telephone Number
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.432. modifiersName

For entries updated over protocol (by an LDAP modify request, for example), this operational attribute indicates the DN of the creator's entry.

<i>OID</i>	2.5.18.4
<i>Names</i>	modifiersName
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.433. modifyTimestamp

For entries updated over protocol (by an LDAP modify request, for example), this operational attribute reflects the time the entry was last modified.

<i>OID</i>	2.5.18.2
<i>Names</i>	modifyTimestamp
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation

<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.434. mxRecord

A type MX (mail exchange) DNS resource record.

<i>OID</i>	0.9.2342.19200300.100.1.28
<i>Names</i>	mxRecord
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.435. name

Base type for user attribute types with name syntax.

<i>OID</i>	2.5.4.41
<i>Names</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.436. nameForms

This operational attribute used in LDAP schema defines name forms, which specify naming relations for structural object classes.

<i>OID</i>	2.5.21.7
<i>Names</i>	nameForms
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Syntax</i>	Name Form Description
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.437. namingContexts

This operational attribute indicates the base DN's mastered or shadowed by this server.

<i>OID</i>	1.3.6.1.4.1.1466.101.120.5
<i>Names</i>	namingContexts
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.438. newRDN

<i>OID</i>	2.16.840.1.113730.3.1.9
<i>Names</i>	newRDN
<i>Description</i>	the new RDN of an entry which is the target of a modrdn operation

<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-good-ldap-changelog
<i>Schema File</i>	03-changelog.ldif

1.439. newSuperior

<i>OID</i>	2.16.840.1.113730.3.1.11
<i>Names</i>	newSuperior
<i>Description</i>	the new parent of an entry which is the target of a moddn operation
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-good-ldap-changelog
<i>Schema File</i>	03-changelog.ldif

1.440. nisDomain

<i>OID</i>	1.3.6.1.1.1.1.30
<i>Names</i>	nisDomain
<i>Description</i>	NIS domain
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.441. nisMapEntry

<i>OID</i>	1.3.6.1.1.1.1.27
<i>Names</i>	nisMapEntry
<i>Description</i>	A generic NIS entry
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseExactIA5SubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.442. nisMapName

<i>OID</i>	1.3.6.1.1.1.1.26
<i>Names</i>	nisMapName
<i>Description</i>	Name of a A generic NIS map
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.443. nisNetgroupTriple

<i>OID</i>	1.3.6.1.1.1.1.14
<i>Names</i>	nisNetgroupTriple
<i>Description</i>	Netgroup triple
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.444. nisNetIdGroup

<i>OID</i>	1.3.6.1.4.1.42.2.27.1.1.13
<i>Names</i>	nisNetIdGroup
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.445. nisNetIdHost

<i>OID</i>	1.3.6.1.4.1.42.2.27.1.1.14
<i>Names</i>	nisNetIdHost
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.446. nisNetIdUser

<i>OID</i>	1.3.6.1.4.1.42.2.27.1.1.12
<i>Names</i>	nisNetIdUser
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.447. nisplusTimeZone

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.57
<i>Names</i>	nisplusTimeZone
<i>Description</i>	tzone column from NIS+ timezone table

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.448. nisPublicKey

<i>OID</i>	1.3.6.1.1.1.1.28
<i>Names</i>	nisPublicKey
<i>Description</i>	NIS public key
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.449. nisSecretKey

<i>OID</i>	1.3.6.1.1.1.1.29
<i>Names</i>	nisSecretKey
<i>Description</i>	NIS secret key
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.450. nsds50ruv

DSEE attribute holding the internal state of the replica from the replication update vector.

<i>OID</i>	2.16.840.1.113730.3.1.587
<i>Names</i>	nsds50ruv
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Sun Directory Server
<i>Schema File</i>	06-compat.ldif

1.451. nSRecord

A type NS (name server) DNS resource record.

<i>OID</i>	0.9.2342.19200300.100.1.29
<i>Names</i>	nSRecord
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.452. nsUniqueld

DSEE attribute holding an entry UUID.

<i>OID</i>	2.16.840.1.113730.3.1.542
<i>Names</i>	nsUniqueId
<i>Description</i>	Sun-defined unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	Sun Java System Directory Server
<i>Schema File</i>	00-core.ldif

1.453. numSubordinates

This operational attribute holds a count of immediate subordinates of the current entry. (The count therefore does not include entries below immediate subordinates.)

As `numSubordinates` is an operational attribute client applications must request it explicitly in search results.

Support for the `numSubordinates` attribute is per entry. If it is present then its value is correct. Its absence does not, however, imply that there are no subordinates.

<i>OID</i>	1.3.6.1.4.1.453.16.2.103
<i>Names</i>	numSubordinates
<i>Description</i>	Count of immediate subordinates
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch

<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-ietf-boreham-numsubordinates
<i>Schema File</i>	00-core.ldif

1.454. o

X.500 `organizationName` attribute for the name of an organization.

Example: `ForgeRock, Inc.`

<i>OID</i>	2.5.4.10
<i>Names</i>	o, organizationName
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.455. objectClass

Describes the type of object represented by the entry, controlling which attributes must and may be present on the entry.

Each entry has at least two values, one of which is `top` or `alias`.

When an object class value is added to an entry, all superclasses of the object class are implicitly added. For example, if `inetOrgPerson` is added, `person` and `organizationalPerson` are also added.

<i>OID</i>	2.5.4.0
<i>Names</i>	objectClass
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	OID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.456. objectClasses

This operational attribute used in LDAP schema defines object classes, which specify the types of objects that an entry represents, and the required and optional attributes for entries of those types.

<i>OID</i>	2.5.21.6
<i>Names</i>	objectClasses
<i>Equality Matching Rule</i>	objectIdentifierFirstComponentMatch
<i>Syntax</i>	Object Class Description
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.457. objectclassMap

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.11
<i>Names</i>	objectclassMap
<i>Description</i>	Object class mappings used, required, or supported by an agent or service
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.458. oncRpcNumber

<i>OID</i>	1.3.6.1.1.1.1.18
<i>Names</i>	oncRpcNumber
<i>Description</i>	ONC RPC number
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.459. organizationalStatus

Categories to refer to a person in an organization, such as **professor** or **staff**.

Similar attributes include **title** and **userClass**.

<i>OID</i>	0.9.2342.19200300.100.1.45
<i>Names</i>	organizationalStatus
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.460. otherMailbox

An electronic mailbox address of a type other than X.400 or RFC 822.

<i>OID</i>	0.9.2342.19200300.100.1.22
<i>Names</i>	otherMailbox
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.461. ou

X.500 **organizationalUnitName** attribute for the name of an organizational unit.

Example: **Product Development**

<i>OID</i>	2.5.4.11
<i>Names</i>	organizationalUnitName, ou
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.462. owner

Distinguished names of objects with an ownership relationship to the current object.

<i>OID</i>	2.5.4.32
<i>Names</i>	owner
<i>Superior Type</i>	distinguishedName
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.463. pager

Pager phone number, such as **+1 415 555 1212**.

<i>OID</i>	0.9.2342.19200300.100.1.42
<i>Names</i>	pager, pagerTelephoneNumber
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Syntax</i>	Telephone Number
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.464. personalSignature

Representation of a person's signature. According to RFC 1274, the value is,

Encoded in G3 fax as explained in recommendation T.4, with an ASN.1 wrapper to make it compatible with an X.400 BodyPart as defined in X.420.

<i>OID</i>	0.9.2342.19200300.100.1.53
<i>Names</i>	personalSignature
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Binary
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.465. personalTitle

Personal title for a person, such as **Dr.** or **Professor**.

<i>OID</i>	0.9.2342.19200300.100.1.40
<i>Names</i>	personalTitle
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.466. photo

A photograph in G3 fax as described in recommendation T.4, with an ASN.1 wrapper to make it compatible with an X.400 BodyPart, as defined in X.420.

<i>OID</i>	0.9.2342.19200300.100.1.7
<i>Names</i>	photo
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.467. physicalDeliveryOfficeName

A name used by the postal service to identify a post office.

<i>OID</i>	2.5.4.19
<i>Names</i>	physicalDeliveryOfficeName
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519

Schema File	00-core.ldif
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1.468. postalAddress

An address used by the postal service to perform services for the entity.

Use dollar signs (\$) to separate lines in the address, and see the [PostalAddress](#) syntax description for details.

Example: `1234 Main St.$Anytown, CA 12345$USA`.

<i>OID</i>	2.5.4.16
<i>Names</i>	postalAddress
<i>Equality Matching Rule</i>	caseIgnoreListMatch
<i>Substring Matching Rule</i>	caseIgnoreListSubstringsMatch
<i>Syntax</i>	Postal Address
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.469. postalCode

A code used by the postal service to identify postal service zones.

<i>OID</i>	2.5.4.17
<i>Names</i>	postalCode
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519

Schema File	00-core.ldif
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1.470. postOfficeBox

A postal box identifier that the postal service uses when the customer receives mail at a box on the premises of the postal service.

<i>OID</i>	2.5.4.18
<i>Names</i>	postOfficeBox
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.471. preferredDeliveryMethod

Indicates the preferred method for getting a message to the entity, where the methods can be specified in order of decreasing priority.

Example: `mhs $ physical.`

<i>OID</i>	2.5.4.28
<i>Names</i>	preferredDeliveryMethod
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Delivery Method
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.472. preferredLanguage

Indicates a person's preferred language or languages, which is useful for international correspondence and computer interaction. RFC 2068 describes an **Accept-Language** field. That field's content, without **Accept-Language:**, matches the content of this attribute.

Example: **en, ko;q=0.8**.

<i>OID</i>	2.16.840.1.113730.3.1.39
<i>Names</i>	preferredLanguage
<i>Description</i>	preferred written or spoken language for a person
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.473. preferredServerList

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.2
<i>Names</i>	preferredServerList
<i>Description</i>	List of preferred servers
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.474. presentationAddress

An OSI presentation address.

<i>OID</i>	2.5.4.29
<i>Names</i>	presentationAddress
<i>Equality Matching Rule</i>	presentationAddressMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Presentation Address
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2256
<i>Schema File</i>	00-core.ldif

1.475. printer-aliases

<i>OID</i>	1.3.18.0.2.4.1108
<i>Names</i>	printer-aliases
<i>Description</i>	List of site-specific administrative names of this printer in addition to the value specified for printer-name.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712

<i>Schema File</i>	03-rfc3712.ldif
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1.476. printer-charset-configured

<i>OID</i>	1.3.18.0.2.4.1109
<i>Names</i>	printer-charset-configured
<i>Description</i>	The configured charset in which error and status messages will be generated (by default) by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.477. printer-charset-supported

<i>OID</i>	1.3.18.0.2.4.1131
<i>Names</i>	printer-charset-supported
<i>Description</i>	Set of charsets supported for the attribute values of syntax DirectoryString for this directory entry.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.478. printer-color-supported

<i>OID</i>	1.3.18.0.2.4.1129
<i>Names</i>	printer-color-supported
<i>Description</i>	Indicates whether this printer is capable of any type of color printing at all, including highlight color.
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.479. printer-compression-supported

<i>OID</i>	1.3.18.0.2.4.1128
<i>Names</i>	printer-compression-supported
<i>Description</i>	Compression algorithms supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.480. printer-copies-supported

<i>OID</i>	1.3.18.0.2.4.1118
<i>Names</i>	printer-copies-supported

<i>Description</i>	The maximum number of copies of a document that may be printed as a single job on this printer.
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.481. printer-current-operator

<i>OID</i>	1.3.18.0.2.4.1112
<i>Names</i>	printer-current-operator
<i>Description</i>	The identity of the current human operator responsible for operating this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.482. printer-delivery-orientation-supported

<i>OID</i>	1.3.18.0.2.4.1114
<i>Names</i>	printer-delivery-orientation-supported
<i>Description</i>	The possible delivery orientations of pages as they are printed and ejected from this printer.

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.483. printer-document-format-supported

<i>OID</i>	1.3.18.0.2.4.1130
<i>Names</i>	printer-document-format-supported
<i>Description</i>	The possible source document formats which may be interpreted and printed by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.484. printer-finishings-supported

<i>OID</i>	1.3.18.0.2.4.1125
<i>Names</i>	printer-finishings-supported
<i>Description</i>	The possible finishing operations supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.485. printer-generated-natural-language-supported

<i>OID</i>	1.3.18.0.2.4.1137
<i>Names</i>	printer-generated-natural-language-supported
<i>Description</i>	Natural language(s) supported for this directory entry.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.486. printer-info

<i>OID</i>	1.3.18.0.2.4.1139
<i>Names</i>	printer-info
<i>Description</i>	Descriptive information about this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.487. printer-ipp-versions-supported

<i>OID</i>	1.3.18.0.2.4.1133
<i>Names</i>	printer-ipp-versions-supported
<i>Description</i>	IPP protocol version(s) that this printer supports.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.488. printer-job-k-octets-supported

<i>OID</i>	1.3.18.0.2.4.1111
<i>Names</i>	printer-job-k-octets-supported
<i>Description</i>	The maximum size in kilobytes (1,024 octets actually) incoming print job that this printer will accept.
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.489. printer-job-priority-supported

<i>OID</i>	1.3.18.0.2.4.1110
<i>Names</i>	printer-job-priority-supported
<i>Description</i>	Indicates the number of job priority levels supported by this printer.
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.490. printer-location

<i>OID</i>	1.3.18.0.2.4.1136
<i>Names</i>	printer-location
<i>Description</i>	The physical location of this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.491. printer-make-and-model

<i>OID</i>	1.3.18.0.2.4.1138
<i>Names</i>	printer-make-and-model
<i>Description</i>	Make and model of this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.492. printer-media-local-supported

<i>OID</i>	1.3.18.0.2.4.1117
<i>Names</i>	printer-media-local-supported
<i>Description</i>	Site-specific names of media supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.493. printer-media-supported

<i>OID</i>	1.3.18.0.2.4.1122
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<i>Names</i>	printer-media-supported
<i>Description</i>	The standard names/types/sizes (and optional color suffixes) of the media supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.494. printer-more-info

<i>OID</i>	1.3.18.0.2.4.1134
<i>Names</i>	printer-more-info
<i>Description</i>	A URI for more information about this specific printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.495. printer-multiple-document-jobs-supported

<i>OID</i>	1.3.18.0.2.4.1132
<i>Names</i>	printer-multiple-document-jobs-supported

<i>Description</i>	Indicates whether this printer supports more than one document per job.
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.496. printer-name

<i>OID</i>	1.3.18.0.2.4.1135
<i>Names</i>	printer-name
<i>Description</i>	The site-specific administrative name of this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.497. printer-natural-language-configured

<i>OID</i>	1.3.18.0.2.4.1119
<i>Names</i>	printer-natural-language-configured
<i>Description</i>	The configured natural language in which error and status messages will be generated (by default) by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.498. printer-number-up-supported

<i>OID</i>	1.3.18.0.2.4.1124
<i>Names</i>	printer-number-up-supported
<i>Description</i>	The possible numbers of print-stream pages to impose upon a single side of an instance of a selected medium.
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.499. printer-output-features-supported

<i>OID</i>	1.3.18.0.2.4.1116
<i>Names</i>	printer-output-features-supported
<i>Description</i>	The possible output features supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.500. printer-pages-per-minute-color

<i>OID</i>	1.3.18.0.2.4.1126
<i>Names</i>	printer-pages-per-minute-color
<i>Description</i>	The nominal number of color pages per minute which may be output by this printer.
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.501. printer-pages-per-minute

<i>OID</i>	1.3.18.0.2.4.1127
<i>Names</i>	printer-pages-per-minute
<i>Description</i>	The nominal number of pages per minute which may be output by this printer.
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.502. printer-print-quality-supported

<i>OID</i>	1.3.18.0.2.4.1120
<i>Names</i>	printer-print-quality-supported
<i>Description</i>	List of print qualities supported for printing documents on this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.503. printer-resolution-supported

<i>OID</i>	1.3.18.0.2.4.1121
<i>Names</i>	printer-resolution-supported
<i>Description</i>	List of resolutions supported for printing documents by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712

Schema File	03-rfc3712.ldif
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1.504. printer-service-person

<i>OID</i>	1.3.18.0.2.4.1113
<i>Names</i>	printer-service-person
<i>Description</i>	The identity of the current human service person responsible for servicing this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.505. printer-sides-supported

<i>OID</i>	1.3.18.0.2.4.1123
<i>Names</i>	printer-sides-supported
<i>Description</i>	The number of impression sides (one or two) and the two-sided impression rotations supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.506. printer-stacking-order-supported

<i>OID</i>	1.3.18.0.2.4.1115
<i>Names</i>	printer-stacking-order-supported
<i>Description</i>	The possible stacking order of pages as they are printed and ejected from this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.507. printer-uri

<i>OID</i>	1.3.18.0.2.4.1140
<i>Names</i>	printer-uri
<i>Description</i>	A URI supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.508. printer-xri-supported

<i>OID</i>	1.3.18.0.2.4.1107
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<i>Names</i>	printer-xri-supported
<i>Description</i>	The unordered list of XRI (extended resource identifiers) supported by this printer.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

1.509. profileTTL

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.7
<i>Names</i>	profileTTL
<i>Description</i>	Time to live, in seconds, before a profile is considered stale
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.510. protocolInformation

Used with a [presentationAddress](#) attribute to provide additional information to the OSI network service.

<i>OID</i>	2.5.4.48
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<i>Names</i>	protocolInformation
<i>Equality Matching Rule</i>	protocolInformationMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Protocol Information
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2256
<i>Schema File</i>	00-core.ldif

1.511. pwdAccountLockedTime

Timestamp when the account was last locked, where 000001010000Z means the account has been locked permanently.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.17
<i>Names</i>	pwdAccountLockedTime
<i>Description</i>	The time an user account was locked
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.512. pwdAllowUserChange

Whether users can change their own passwords.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.14
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<i>Names</i>	pwdAllowUserChange
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.513. pwdAttribute

Name of the attribute to which the password policy applies.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.1
<i>Names</i>	pwdAttribute
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	OID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.514. pwdChangedTime

Timestamp of last password change.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.16
<i>Names</i>	pwdChangedTime
<i>Description</i>	The time the password was last changed
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.515. pwdCheckQuality

How to verify quality when a password is added or modified. 0: do not check; 1: check, but accept if validation passes or if unable to check; 2: check, and return an error if verification does not pass or cannot be completed.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.5
<i>Names</i>	pwdCheckQuality
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.516. pwdExpireWarning

Maximum number of seconds before expiry to begin returning errors to the user binding to the directory.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.7
<i>Names</i>	pwdExpireWarning
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.517. pwdFailureCountInterval

Number of seconds after which failures are purged from the failure counter.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.12
<i>Names</i>	pwdFailureCountInterval
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.518. pwdFailureTime

Timestamp of the last consecutive authentication failure.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.19
<i>Names</i>	pwdFailureTime
<i>Description</i>	The timestamps of the last consecutive authentication failures
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.519. pwdGraceAuthNLimit

Number of times an expired password can be used to authenticate.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.8
<i>Names</i>	pwdGraceAuthNLimit
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.520. pwdGraceUseTime

Timestamps of grace authentications after a password expired.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.21
<i>Names</i>	pwdGraceUseTime
<i>Description</i>	The timestamps of the grace authentication after the password has expired
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.521. pwdHistory

History of previously used passwords.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.20
<i>Names</i>	pwdHistory
<i>Description</i>	The history of user s passwords
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.522. pwdInHistory

Maximum number of passwords stored in the `pwdHistory` attribute.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.4
<i>Names</i>	pwdInHistory
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.523. pwdLockout

Whether the password can no longer used to authenticate when `pwdMaxFailure` has been reached.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.9
<i>Names</i>	pwdLockout
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.524. pwdLockoutDuration

Number of seconds when the password can not be used to authenticate after `pwdMaxFailure` has been reached.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.10
<i>Names</i>	pwdLockoutDuration
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.525. pwdMaxAge

Number of seconds after which a password expires.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.3
<i>Names</i>	pwdMaxAge
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.526. pwdMaxFailure

Maximum number of consecutive failed bind attempts allowed before the account is locked.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.11
<i>Names</i>	pwdMaxFailure
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.527. pwdMinAge

Minimum number of seconds between modifications to the password.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.2
<i>Names</i>	pwdMinAge
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.528. pwdMinLength

Minimum number of characters in a password.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.6
<i>Names</i>	pwdMinLength
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.529. pwdMustChange

Whether users must change their passwords when first binding or after a password reset.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.13
<i>Names</i>	pwdMustChange

<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.530. pwdPolicySubentry

Pointer to the password policy subentry for the current entry.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.23
<i>Names</i>	pwdPolicySubentry
<i>Description</i>	The pwdPolicy subentry in effect for this object
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.531. pwdReset

Whether the password has been reset by an administrator, and must be changed by the user.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.22
<i>Names</i>	pwdReset
<i>Description</i>	The indication that the password has been reset
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.532. pwdSafeModify

Whether the existing password must be supplied when changing passwords.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.1.15
<i>Names</i>	pwdSafeModify
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

1.533. ref

This attribute holds `labeledURI` values referring to another LDAP server. The URI should be an LDAP URL. The URI should not specify scope, filter, or an attribute description list, and it should contain a non-empty DN.

Example: `ldap://referral.example.com:1389/ou=Subscribers,dc=example,dc=com`

<i>OID</i>	2.16.840.1.113730.3.1.34
<i>Names</i>	ref
<i>Description</i>	named reference - a labeledURI
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	distributedOperation
<i>Origin</i>	RFC 3296
<i>Schema File</i>	00-core.ldif

1.534. registeredAddress

A postal address suitable for reception of telegrams and expedited documents, where the recipient must accept delivery.

Example: `Receptionist$Widget, Inc.$1234 Main St.$Anytown, CA 12345$USA.`

<i>OID</i>	2.5.4.26
<i>Names</i>	registeredAddress
<i>Superior Type</i>	postalAddress
<i>Equality Matching Rule</i>	caseIgnoreListMatch
<i>Substring Matching Rule</i>	caseIgnoreListSubstringsMatch
<i>Syntax</i>	Postal Address
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.535. replicaIdentifier

Uniquely identifies a replica in a topology.

<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.724
<i>Names</i>	replicaIdentifier
<i>Description</i>	the OpenDS replication domain server identifier for the change
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	03-changelog.ldif

1.536. replicationCSN

Holds a replication change sequence number.

<i>OID</i>	1.3.6.1.4.1.42.2.27.9.1.725
<i>Names</i>	replicationCSN
<i>Description</i>	The OpenDS replication change number for the change
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	03-changelog.ldif

1.537. rfc822mailMember

<i>OID</i>	1.3.6.1.4.1.42.2.27.2.1.15
<i>Names</i>	rfc822mailMember
<i>Description</i>	rfc822 mail addresss of group member
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.538. roleOccupant

Distinguished names of objects that fulfill the responsibilities of the current role object.

For example, if the role object is for Director of Engineering, this role could be fulfilled by multiple users.

<i>OID</i>	2.5.4.33
<i>Names</i>	roleOccupant
<i>Superior Type</i>	distinguishedName
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.539. roomNumber

Room number for an object, which might be multiple when rooms are being renumbered, for example. Use the `cn` attribute when naming rooms, as room numbers can change.

<i>OID</i>	0.9.2342.19200300.100.1.6
<i>Names</i>	roomNumber
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.540. sambaAcctFlags

<i>OID</i>	1.3.6.1.4.1.7165.2.1.26
<i>Names</i>	sambaAcctFlags
<i>Description</i>	Account Flags
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.541. sambaAlgorithmicRidBase

<i>OID</i>	1.3.6.1.4.1.7165.2.1.40
<i>Names</i>	sambaAlgorithmicRidBase
<i>Description</i>	Base at which the samba RID generation algorithm should operate
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

Schema File	05-samba.ldif
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1.542. sambaBadPasswordCount

<i>OID</i>	1.3.6.1.4.1.7165.2.1.48
<i>Names</i>	sambaBadPasswordCount
<i>Description</i>	Bad password attempt count
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.543. sambaBadPasswordTime

<i>OID</i>	1.3.6.1.4.1.7165.2.1.49
<i>Names</i>	sambaBadPasswordTime
<i>Description</i>	Time of the last bad password attempt
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.544. sambaBoolOption

<i>OID</i>	1.3.6.1.4.1.7165.2.1.43
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<i>Names</i>	sambaBoolOption
<i>Description</i>	A boolean option
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.545. sambaDomainName

<i>OID</i>	1.3.6.1.4.1.7165.2.1.38
<i>Names</i>	sambaDomainName
<i>Description</i>	Windows NT domain to which the user belongs
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.546. sambaForceLogoff

<i>OID</i>	1.3.6.1.4.1.7165.2.1.66
<i>Names</i>	sambaForceLogoff
<i>Description</i>	Disconnect Users outside logon hours (default: -1 => off, 0 => on)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.547. sambaGroupType

<i>OID</i>	1.3.6.1.4.1.7165.2.1.19
<i>Names</i>	sambaGroupType
<i>Description</i>	NT Group Type
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.548. sambaHomeDrive

<i>OID</i>	1.3.6.1.4.1.7165.2.1.33
<i>Names</i>	sambaHomeDrive
<i>Description</i>	Driver letter of home directory mapping
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.549. sambaHomePath

<i>OID</i>	1.3.6.1.4.1.7165.2.1.37
<i>Names</i>	sambaHomePath
<i>Description</i>	Home directory UNC path
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.550. sambaIntegerOption

<i>OID</i>	1.3.6.1.4.1.7165.2.1.44
<i>Names</i>	sambaIntegerOption
<i>Description</i>	An integer option
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.551. sambaKickoffTime

<i>OID</i>	1.3.6.1.4.1.7165.2.1.32
<i>Names</i>	sambaKickoffTime

<i>Description</i>	Timestamp of when the user will be logged off automatically
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.552. sambaLMPassword

<i>OID</i>	1.3.6.1.4.1.7165.2.1.24
<i>Names</i>	sambaLMPassword
<i>Description</i>	LanManager Password
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.553. sambaLockoutDuration

<i>OID</i>	1.3.6.1.4.1.7165.2.1.63
<i>Names</i>	sambaLockoutDuration
<i>Description</i>	Lockout duration in minutes (default: 30, -1 => forever)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.554. sambaLockoutObservationWindow

<i>OID</i>	1.3.6.1.4.1.7165.2.1.64
<i>Names</i>	sambaLockoutObservationWindow
<i>Description</i>	Reset time after lockout in minutes (default: 30)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.555. sambaLockoutThreshold

<i>OID</i>	1.3.6.1.4.1.7165.2.1.65
<i>Names</i>	sambaLockoutThreshold
<i>Description</i>	Lockout users after bad logon attempts (default: 0 => off)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.556. sambaLogoffTime

<i>OID</i>	1.3.6.1.4.1.7165.2.1.31
<i>Names</i>	sambaLogoffTime
<i>Description</i>	Timestamp of last logoff
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.557. sambaLogonHours

<i>OID</i>	1.3.6.1.4.1.7165.2.1.55
<i>Names</i>	sambaLogonHours
<i>Description</i>	Logon Hours
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.558. sambaLogonScript

<i>OID</i>	1.3.6.1.4.1.7165.2.1.34
<i>Names</i>	sambaLogonScript
<i>Description</i>	Logon script path

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.559. sambaLogonTime

<i>OID</i>	1.3.6.1.4.1.7165.2.1.30
<i>Names</i>	sambaLogonTime
<i>Description</i>	Timestamp of last logon
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.560. sambaLogonToChgPwd

<i>OID</i>	1.3.6.1.4.1.7165.2.1.60
<i>Names</i>	sambaLogonToChgPwd
<i>Description</i>	Force Users to logon for password change (default: 0 => off, 2 => on)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.561. sambaMaxPwdAge

<i>OID</i>	1.3.6.1.4.1.7165.2.1.61
<i>Names</i>	sambaMaxPwdAge
<i>Description</i>	Maximum password age, in seconds (default: -1 => never expire passwords)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.562. sambaMinPwdAge

<i>OID</i>	1.3.6.1.4.1.7165.2.1.62
<i>Names</i>	sambaMinPwdAge
<i>Description</i>	Minimum password age, in seconds (default: 0 => allow immediate password change)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.563. sambaMinPwdLength

<i>OID</i>	1.3.6.1.4.1.7165.2.1.58
<i>Names</i>	sambaMinPwdLength
<i>Description</i>	Minimal password length (default: 5)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.564. sambaMungedDial

<i>OID</i>	1.3.6.1.4.1.7165.2.1.47
<i>Names</i>	sambaMungedDial
<i>Description</i>	Base64 encoded user parameter string
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.565. sambaNextGroupRid

<i>OID</i>	1.3.6.1.4.1.7165.2.1.22
<i>Names</i>	sambaNextGroupRid

<i>Description</i>	Next NT rid to give out for groups
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.566. sambaNextRid

<i>OID</i>	1.3.6.1.4.1.7165.2.1.39
<i>Names</i>	sambaNextRid
<i>Description</i>	Next NT rid to give out for anything
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.567. sambaNextUserId

<i>OID</i>	1.3.6.1.4.1.7165.2.1.21
<i>Names</i>	sambaNextUserId
<i>Description</i>	Next NT rid to give our for users
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.568. sambaNTPassword

<i>OID</i>	1.3.6.1.4.1.7165.2.1.25
<i>Names</i>	sambaNTPassword
<i>Description</i>	MD4 hash of the unicode password
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.569. sambaOptionName

<i>OID</i>	1.3.6.1.4.1.7165.2.1.42
<i>Names</i>	sambaOptionName
<i>Description</i>	Option Name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.570. sambaPasswordHistory

<i>OID</i>	1.3.6.1.4.1.7165.2.1.54
<i>Names</i>	sambaPasswordHistory
<i>Description</i>	Concatenated MD4 hashes of the unicode passwords used on this account
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.571. sambaPrimaryGroupSID

<i>OID</i>	1.3.6.1.4.1.7165.2.1.23
<i>Names</i>	sambaPrimaryGroupSID
<i>Description</i>	Primary Group Security ID
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.572. sambaPrivilegeList

<i>OID</i>	1.3.6.1.4.1.7165.2.1.52
<i>Names</i>	sambaPrivilegeList

<i>Description</i>	Privileges List
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.573. sambaProfilePath

<i>OID</i>	1.3.6.1.4.1.7165.2.1.35
<i>Names</i>	sambaProfilePath
<i>Description</i>	Roaming profile path
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.574. sambaPwdCanChange

<i>OID</i>	1.3.6.1.4.1.7165.2.1.28
<i>Names</i>	sambaPwdCanChange
<i>Description</i>	Timestamp of when the user is allowed to update the password
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.575. sambaPwdHistoryLength

<i>OID</i>	1.3.6.1.4.1.7165.2.1.59
<i>Names</i>	sambaPwdHistoryLength
<i>Description</i>	Length of Password History Entries (default: 0 => off)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.576. sambaPwdLastSet

<i>OID</i>	1.3.6.1.4.1.7165.2.1.27
<i>Names</i>	sambaPwdLastSet
<i>Description</i>	Timestamp of the last password update
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.577. sambaPwdMustChange

<i>OID</i>	1.3.6.1.4.1.7165.2.1.29
<i>Names</i>	sambaPwdMustChange
<i>Description</i>	Timestamp of when the password will expire
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.578. sambaRefuseMachinePwdChange

<i>OID</i>	1.3.6.1.4.1.7165.2.1.67
<i>Names</i>	sambaRefuseMachinePwdChange
<i>Description</i>	Allow Machine Password changes (default: 0 => off)
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.579. sambaShareName

<i>OID</i>	1.3.6.1.4.1.7165.2.1.41
<i>Names</i>	sambaShareName

<i>Description</i>	Share Name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.580. sambaSID

<i>OID</i>	1.3.6.1.4.1.7165.2.1.20
<i>Names</i>	sambaSID
<i>Description</i>	Security ID
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.581. sambaSIDList

<i>OID</i>	1.3.6.1.4.1.7165.2.1.51
<i>Names</i>	sambaSIDList
<i>Description</i>	Security ID List
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.582. sambaStringListOption

<i>OID</i>	1.3.6.1.4.1.7165.2.1.46
<i>Names</i>	sambaStringListOption
<i>Description</i>	A string list option
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.583. sambaStringOption

<i>OID</i>	1.3.6.1.4.1.7165.2.1.45
<i>Names</i>	sambaStringOption
<i>Description</i>	A string option
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

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1.584. sambaTrustFlags

<i>OID</i>	1.3.6.1.4.1.7165.2.1.53
<i>Names</i>	sambaTrustFlags
<i>Description</i>	Trust Password Flags
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.585. sambaUserWorkstations

<i>OID</i>	1.3.6.1.4.1.7165.2.1.36
<i>Names</i>	sambaUserWorkstations
<i>Description</i>	List of user workstations the user is allowed to logon to
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Schema File</i>	05-samba.ldif

1.586. searchGuide

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

This attribute is superseded by [enhancedSearchGuide](#).

<i>OID</i>	2.5.4.14
<i>Names</i>	searchGuide
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Guide
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.587. searchTimeLimit

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.3
<i>Names</i>	searchTimeLimit
<i>Description</i>	Maximum time an agent or service allows for a search to complete
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.588. secretary

DNs of secretary or administrative assistant entries for the entry of a person or entity.

<i>OID</i>	0.9.2342.19200300.100.1.21
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<i>Names</i>	secretary
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.589. seeAlso

Distinguished names of entries related to the current entry.

<i>OID</i>	2.5.4.34
<i>Names</i>	seeAlso
<i>Superior Type</i>	distinguishedName
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.590. serialNumber

Serial numbers of a device.

<i>OID</i>	2.5.4.5
<i>Names</i>	serialNumber
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

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

1.591. service-advert-attribute-authenticator

An SLP attribute authenticator, as described in RFC 2608, Section 9.2: *Authentication Blocks*.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.7
<i>Names</i>	service-advert-attribute-authenticator
<i>Description</i>	The authenticator for the attribute list, null if none.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2926
<i>Schema File</i>	03-rfc2926.ldif

1.592. service-advert-scopes

SLP scopes as described in RFC 2608, Section 6.4.1: *Scope Lists in SLP*.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.5
<i>Names</i>	service-advert-scopes
<i>Description</i>	A list of scopes for a service advertisement.
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2926
<i>Schema File</i>	03-rfc2926.ldif

1.593. service-advert-service-type

Service-specific type of an SLP *template-type* as described in RFC 2609, Section 2.1: *Service URL Syntax*.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.4
<i>Names</i>	service-advert-service-type
<i>Description</i>	The service type of the service advertisement, including the "service:" prefix.
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2926
<i>Schema File</i>	03-rfc2926.ldif

1.594. service-advert-url-authenticator

An SLP URL authenticator, as described in RFC 2608, Section 9.2: *Authentication Blocks*.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.6
<i>Names</i>	service-advert-url-authenticator
<i>Description</i>	The authenticator for the URL, null if none.
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2926
<i>Schema File</i>	03-rfc2926.ldif

1.595. serviceAuthenticationMethod

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.15
<i>Names</i>	serviceAuthenticationMethod
<i>Description</i>	Specifies types authentication methods either used, required, or supported by a particular service
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.596. serviceCredentialLevel

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.13
<i>Names</i>	serviceCredentialLevel
<i>Description</i>	Specifies the type of credentials either used, required, or supported by a specific service
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.597. serviceSearchDescriptor

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.1.14
<i>Names</i>	serviceSearchDescriptor
<i>Description</i>	Specifies search descriptors required, used, or supported by a particular service or agent
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

1.598. shadowExpire

<i>OID</i>	1.3.6.1.1.1.1.10
<i>Names</i>	shadowExpire
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.599. shadowFlag

<i>OID</i>	1.3.6.1.1.1.1.11
<i>Names</i>	shadowFlag
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.600. shadowInactive

<i>OID</i>	1.3.6.1.1.1.1.9
<i>Names</i>	shadowInactive
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.601. shadowLastChange

<i>OID</i>	1.3.6.1.1.1.1.5
<i>Names</i>	shadowLastChange
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.602. shadowMax

<i>OID</i>	1.3.6.1.1.1.1.7
<i>Names</i>	shadowMax
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.603. shadowMin

<i>OID</i>	1.3.6.1.1.1.1.6
<i>Names</i>	shadowMin
<i>Equality Matching Rule</i>	integerMatch

<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.604. shadowWarning

<i>OID</i>	1.3.6.1.1.1.1.8
<i>Names</i>	shadowWarning
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.605. singleLevelQuality

Directory administrators can use this attribute to indicate the data quality at the level immediately below in the DIT.

<i>OID</i>	0.9.2342.19200300.100.1.50
<i>Names</i>	singleLevelQuality
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.606. sn

X.500 **surname** attribute that contains the family name of a person.

<i>OID</i>	2.5.4.4
<i>Names</i>	sn, surname
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.607. sOARecord

A type SOA (start of authority) DNS resource record.

<i>OID</i>	0.9.2342.19200300.100.1.30
<i>Names</i>	sOARecord
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.608. SolarisAttrKeyValue

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.4
<i>Names</i>	SolarisAttrKeyValue
<i>Description</i>	Semi-colon separated key=value pairs of attributes
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreIA5SubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.609. SolarisAttrLongDesc

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.8
<i>Names</i>	SolarisAttrLongDesc
<i>Description</i>	Detail description about an entry
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.610. SolarisAttrReserved1

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.13
<i>Names</i>	SolarisAttrReserved1
<i>Description</i>	Reserved for future use
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.611. SolarisAttrReserved2

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.14
<i>Names</i>	SolarisAttrReserved2
<i>Description</i>	Reserved for future use
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.612. SolarisAttrShortDesc

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.7
<i>Names</i>	SolarisAttrShortDesc
<i>Description</i>	Short description about an entry, used by GUIs
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.613. SolarisAuditAlways

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.5
<i>Names</i>	SolarisAuditAlways
<i>Description</i>	Always audited attributes per-user
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.614. SolarisAuditNever

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.6
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<i>Names</i>	SolarisAuditNever
<i>Description</i>	Never audited attributes per-user
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.615. SolarisAuthMethod

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.20
<i>Names</i>	SolarisAuthMethod
<i>Description</i>	Authentication method to be used eg. "NS_LDAP_AUTH_NONE", "NS_LDAP_AUTH_SIMPLE" or "NS_LDAP_AUTH_SASL_CRAM_MD5"
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.616. SolarisBindDN

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.18
<i>Names</i>	SolarisBindDN
<i>Description</i>	DN to be used to bind to the directory as proxy

<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.617. SolarisBindPassword

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.19
<i>Names</i>	SolarisBindPassword
<i>Description</i>	Password for bindDN to authenticate to the directory
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.618. SolarisBindTimeLimit

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.31
<i>Names</i>	SolarisBindTimeLimit
<i>Description</i>	Time Limit in seconds for bind operations
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch

<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.619. SolarisCacheTTL

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.17
<i>Names</i>	SolarisCacheTTL
<i>Description</i>	TTL value for the Domain information eg. 1w, 2d, 3h, 10m, or 5s
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.620. SolarisCertificatePassword

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.23
<i>Names</i>	SolarisCertificatePassword
<i>Description</i>	Password or PIN that grants access to certificate.
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.621. SolarisCertificatePath

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.22
<i>Names</i>	SolarisCertificatePath
<i>Description</i>	Path to certificate file/device
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.622. SolarisDataSearchDN

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.24
<i>Names</i>	SolarisDataSearchDN
<i>Description</i>	Search DN for data lookup in ":(DN0),(DN1),..." format
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.623. SolarisKernelSecurityPolicy

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.9
<i>Names</i>	SolarisKernelSecurityPolicy
<i>Description</i>	Solaris kernel security policy
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.624. SolarisLDAPServers

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.15
<i>Names</i>	SolarisLDAPServers
<i>Description</i>	LDAP Server address eg. 76.234.3.1:389
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.625. SolarisPreferredServer

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.27
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<i>Names</i>	SolarisPreferredServer
<i>Description</i>	Preferred LDAP Server address or network number
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.626. SolarisPreferredServerOnly

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.28
<i>Names</i>	SolarisPreferredServerOnly
<i>Description</i>	Boolean flag for use of preferredServer or not
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.627. SolarisProfileId

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.11
<i>Names</i>	SolarisProfileId
<i>Description</i>	Identifier of object defined in profile
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.628. SolarisProfileType

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.10
<i>Names</i>	SolarisProfileType
<i>Description</i>	Type of object defined in profile
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.629. SolarisProjectAttr

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.3
<i>Names</i>	SolarisProjectAttr
<i>Description</i>	Attributes of a Solaris Project entry
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.630. SolarisProjectID

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.1
<i>Names</i>	SolarisProjectID
<i>Description</i>	Unique ID for a Solaris Project entry
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.631. SolarisProjectName

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.2
<i>Names</i>	SolarisProjectName
<i>Description</i>	Name of a Solaris Project Entry
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true

<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.632. SolarisSearchBaseDN

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.16
<i>Names</i>	SolarisSearchBaseDN
<i>Description</i>	Search Base Distinguished Name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.633. SolarisSearchReferral

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.29
<i>Names</i>	SolarisSearchReferral
<i>Description</i>	referral chasing option eg. "NS_LDAP_NOREF" or "NS_LDAP_FOLLOWREF"
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.634. SolarisSearchScope

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.25
<i>Names</i>	SolarisSearchScope
<i>Description</i>	Scope to be used for search operations eg. "NS_LDAP_SCOPE_BASE", "NS_LDAP_SCOPE_ONELEVEL" or "NS_LDAP_SCOPE_SUBTREE"
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.635. SolarisSearchTimeLimit

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.26
<i>Names</i>	SolarisSearchTimeLimit
<i>Description</i>	Time Limit in seconds for search operations
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.636. SolarisTransportSecurity

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.21
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<i>Names</i>	SolarisTransportSecurity
<i>Description</i>	Transport Level Security method to be used eg. "NS_LDAP_SEC_NONE" or "NS_LDAP_SEC_SASL_TLS"
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.637. SolarisUserQualifier

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.12
<i>Names</i>	SolarisUserQualifier
<i>Description</i>	Per-user login attributes
<i>Equality Matching Rule</i>	caseIgnoreIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.638. st

Full name of a state or province.

<i>OID</i>	2.5.4.8
<i>Names</i>	st, stateOrProvinceName

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

1.639. street

Site information for a postal address, such as the street name, place, avenue, and house number.

Example: **1234 Main St.**

<i>OID</i>	2.5.4.9
<i>Names</i>	street, streetAddress
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.640. structuralObjectClass

Indicates the structural object class of the entry.

<i>OID</i>	2.5.21.9
<i>Names</i>	structuralObjectClass

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

1.641. subschemaSubentry

This operational attribute indicates the entry holding the LDAP schema definitions that apply to the current entry.

<i>OID</i>	2.5.18.10
<i>Names</i>	subschemaSubentry
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.642. subtreeMaximumQuality

Directory administrators can use this attribute to indicate the maximum data quality for a DIT subtree.

The default is the value of [singleLevelQuality](#).

<i>OID</i>	0.9.2342.19200300.100.1.52
<i>Names</i>	subtreeMaximumQuality
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.643. subtreeMinimumQuality

Directory administrators can use this attribute to indicate the minimum data quality for a DIT subtree.

The default is the value of `singleLevelQuality`.

<i>OID</i>	0.9.2342.19200300.100.1.51
<i>Names</i>	subtreeMinimumQuality
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.644. subtreeSpecification

A subtree specification provides a way to describe a subset of entries in a subtree of the DIT. A subtree begins at a base entry and includes the subordinates of that entry to an optionally specified lower boundary, possibly including leaf entries.

The following example uses a subtree specification to apply privileges to Directory Administrators group members under `ou=people` (relative to the parent of the subentry). In other words, this sample applies to entries under `ou=people,dc=example,dc=com`:

```
dn: cn=Administrator Privileges,dc=example,dc=com
objectClass: collectiveAttributeSubentry
objectClass: extensibleObject
objectClass: subentry
objectClass: top
cn: Administrator Privileges
ds-privilege-name;collective: config-read
ds-privilege-name;collective: config-write
ds-privilege-name;collective: ldif-export
ds-privilege-name;collective: modify-acl
ds-privilege-name;collective: password-reset
ds-privilege-name;collective: proxied-auth
subtreeSpecification: {base "ou=people", specificationFilter
  "(isMemberOf=cn=Directory Administrators,ou=Groups,dc=example,dc=com)" }
```

Notice that the subentry where this operational attribute occurs sets the context that implicitly defines the bounds of the subtree.

<i>OID</i>	2.5.18.6
<i>Names</i>	subtreeSpecification
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Subtree Specification
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	RFC 3672
<i>Schema File</i>	00-core.ldif

1.645. sun-printer-bsdaddr

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.63
<i>Names</i>	sun-printer-bsdaddr
<i>Description</i>	Sets the server, print queue destination name and whether the client generates protocol extensions. "Solaris" specifies a Solaris print server extension. The value is represented by the following value: server ",", destination ", Solaris".
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.646. sun-printer-kvp

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.64
<i>Names</i>	sun-printer-kvp
<i>Description</i>	This attribute contains a set of key value pairs which may have meaning to the print subsystem or may be user defined. Each value is represented by the following: key "=" value.
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.647. supportedAlgorithms

X.509 supported algorithms, as described in X.509 clause 11.2.7.

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

<i>OID</i>	2.5.4.52
<i>Names</i>	supportedAlgorithms
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Supported Algorithm

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

1.648. supportedApplicationContext

Identifiers of OSI application contexts.

<i>OID</i>	2.5.4.30
<i>Names</i>	supportedApplicationContext
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	OID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2256
<i>Schema File</i>	00-core.ldif

1.649. supportedAuthPasswordSchemes

Password storage schemes that can be used for `authPassword` values. This attribute is intended only for use on the root DSE.

<i>OID</i>	1.3.6.1.4.1.4203.1.3.3
<i>Names</i>	supportedAuthPasswordSchemes
<i>Description</i>	supported password storage schemes
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	false: multiple values allowed

<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 3112
<i>Schema File</i>	03-rfc3112.ldif

1.650. supportedControl

This operational attribute indicates LDAP controls supported by this server.

<i>OID</i>	1.3.6.1.4.1.1466.101.120.13
<i>Names</i>	supportedControl
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	OID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.651. supportedExtension

This operational attribute indicates LDAP extended operations supported by this server.

<i>OID</i>	1.3.6.1.4.1.1466.101.120.7
<i>Names</i>	supportedExtension
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	OID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.652. supportedFeatures

This operational attribute indicates optional LDAP features supported by this server.

<i>OID</i>	1.3.6.1.4.1.4203.1.3.5
<i>Names</i>	supportedFeatures
<i>Equality Matching Rule</i>	objectIdentifierMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	OID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.653. supportedLDAPVersion

This operational attribute indicates LDAP versions supported by this server.

<i>OID</i>	1.3.6.1.4.1.1466.101.120.15
<i>Names</i>	supportedLDAPVersion
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.654. supportedSASLMechanisms

This operational attribute indicates SASL mechanisms supported by this server.

<i>OID</i>	1.3.6.1.4.1.1466.101.120.14
<i>Names</i>	supportedSASLMechanisms
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

1.655. supportedTLSCiphers

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.64
<i>Names</i>	supportedTLSCiphers
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.656. supportedTLSProtocols

<i>OID</i>	1.3.6.1.4.1.36733.2.1.1.63
<i>Names</i>	supportedTLSProtocols
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	dSAOperation
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

1.657. targetDN

<i>OID</i>	2.16.840.1.113730.3.1.6
<i>Names</i>	targetDN
<i>Description</i>	the DN of the entry which was modified
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-good-ldap-changelog
<i>Schema File</i>	03-changelog.ldif

1.658. targetEntryUUID

Uniquely identifies an entry that is targeted to be changed.

<i>OID</i>	1.3.6.1.4.1.26027.1.1.590
<i>Names</i>	targetEntryUUID, targetUniqueID
<i>Description</i>	The OpenDS unique id of the entry targeted by the change
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true

<i>User Modification Allowed</i>	true
<i>Usage</i>	directoryOperation
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	03-changelog.ldif

1.659. telephoneNumber

Phone number in a format complying with the ITU Recommendation E.123, such as **+1 415 555 1212**.

<i>OID</i>	2.5.4.20
<i>Names</i>	telephoneNumber
<i>Equality Matching Rule</i>	telephoneNumberMatch
<i>Substring Matching Rule</i>	telephoneNumberSubstringsMatch
<i>Syntax</i>	Telephone Number
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.660. teletexTerminalIdentifier

This attribute is obsolete since the ITU Recommendation F.200 was withdrawn.

<i>OID</i>	2.5.4.22
<i>Names</i>	teletexTerminalIdentifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Teletex Terminal Identifier
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519

Schema File	00-core.ldif
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1.661. telexNumber

Set of strings specifying the telex number, country code, and answerback code of a telex terminal, such as `12345$023$ABCDE`.

<i>OID</i>	2.5.4.21
<i>Names</i>	telexNumber
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Telex Number
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.662. template-major-version-number

Major component of an SLP `template-version` number for a service type template.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.1
<i>Names</i>	template-major-version-number
<i>Description</i>	The major version number of the service type template
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2926

Schema File	03-rfc2926.ldif
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1.663. template-minor-version-number

Minor component of an SLP **template-version** number for a service type template.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.2
<i>Names</i>	template-minor-version-number
<i>Description</i>	The minor version number of the service type template
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2926
<i>Schema File</i>	03-rfc2926.ldif

1.664. template-url-syntax

ABNF grammar describing the service type specific part of the service URL for an SLP service type template.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.1.3
<i>Names</i>	template-url-syntax
<i>Description</i>	An ABNF grammar describing the service type specific part of the service URL
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	IA5 String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2926

Schema File	03-rfc2926.ldif
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1.665. textEncodedORAddress

Text encoding of an X.400 O/R address, as specified in RFC 987.

This attribute was deprecated in 1991.

<i>OID</i>	0.9.2342.19200300.100.1.2
<i>Names</i>	textEncodedORAddress
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

1.666. title

Title of a person in their organizational context.

Examples: [Vice President](#), [Software Engineer](#).

<i>OID</i>	2.5.4.12
<i>Names</i>	title
<i>Superior Type</i>	name
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.667. uddiAccessPoint

The value of this attribute is a qualified pointer to a service entry point.

In UDDIv3, the convention is to precede pointer with the use type, as in *use-type#address*. For UDDIv2 compatibility, the recommended format is *v2-URL-type#v3-use-type#address*.

<i>OID</i>	1.3.6.1.1.10.4.19
<i>Names</i>	uddiAccessPoint
<i>Description</i>	entry point address to call a web service
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.668. uddiAddressLine

The value of this attribute holds addresses in free-form text. The maximum size of the value is 80 characters.

If the address contains a template model key, then the value is prefixed with a key name and key value, as in *#key-name#key-value#address-data*.

<i>OID</i>	1.3.6.1.1.10.4.13
<i>Names</i>	uddiAddressLine
<i>Description</i>	address
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.669. uddiAuthorizedName

The value of this attribute holds the name of the individual who registered the UDDI business entity or template model.

<i>OID</i>	1.3.6.1.1.10.4.2
<i>Names</i>	uddiAuthorizedName
<i>Description</i>	businessEntity publisher name
<i>Equality Matching Rule</i>	distinguishedNameMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	DN
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.670. uddiBindingKey

The value of this attribute uniquely identifies a UDDI binding template.

This value should be empty when saving a new UDDI binding template.

<i>OID</i>	1.3.6.1.1.10.4.18
<i>Names</i>	uddiBindingKey
<i>Description</i>	bindingTemplate unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.671. uddiBusinessKey

The value of this attribute uniquely identifies a UDDI business entity.

This attribute is optional for a business service whose parent already has a business key.

<i>OID</i>	1.3.6.1.1.10.4.1
<i>Names</i>	uddiBusinessKey
<i>Description</i>	businessEntity unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.672. uddiCategoryBag

The value of this attribute holds information about categorizing UDDI business entities, business services, and template models.

The value can optionally be prefixed with a template model and key name, as in `#t-model#key-name#key-value`. Only `key-value` is mandatory.

<i>OID</i>	1.3.6.1.1.10.4.15
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<i>Names</i>	uddiCategoryBag
<i>Description</i>	categorization information
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.673. uddiDescription

The value of this attribute localized descriptions.

Each value has the form, *xml:lang-value#description*.

<i>OID</i>	1.3.6.1.1.10.4.5
<i>Names</i>	uddiDescription
<i>Description</i>	short description
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.674. uddiDiscoveryURLs

The value of this attribute holds a list of URL to alternate, file-based service discovery mechanisms.

In UDDIv3, the convention is to precede the URL with the use type, as in *use-type#URL*.

<i>OID</i>	1.3.6.1.1.10.4.6
<i>Names</i>	uddiDiscoveryURLs
<i>Description</i>	URL to retrieve a businessEntity instance
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.675. uddiEMail

The value of this attribute holds email addresses for the contact.

Prefix values with use type descriptions if more than one email address is provided, as in *use-type#email-address*.

<i>OID</i>	1.3.6.1.1.10.4.10
<i>Names</i>	uddiEMail
<i>Description</i>	e-mail address for contact
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.676. uddiFromKey

The value of this attribute uniquely references the first business entity for which an assertion is made.

<i>OID</i>	1.3.6.1.1.10.4.25
<i>Names</i>	uddiFromKey
<i>Description</i>	unique businessEntity key reference
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.677. uddiHostingRedirector

The value of this attribute indicates that a binding template entry is a pointer to another binding template entry.

UDDIV3 deprecates this element. Use `uddiAccessPoint` instead.

<i>OID</i>	1.3.6.1.1.10.4.20
<i>Names</i>	uddiHostingRedirector
<i>Description</i>	designates a pointer to another bindingTemplate
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403

Schema File	03-uddiv3.ldif
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1.678. uddiIdentifierBag

The value of this attribute holds information about common forms of identification, such as D-U-N-S numbers, and tax identifiers.

The value can optionally be prefixed with a template model and key name, as in `#t-model#key-name#key-value`. Only `key-value` is mandatory.

<i>OID</i>	1.3.6.1.1.10.4.14
<i>Names</i>	uddiIdentifierBag
<i>Description</i>	identification information
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.679. uddiInstanceDescription

The value of this attribute holds one or more localized descriptions indicating the role a template model reference plays in the service description.

Each value has the form, `xml:lang-value#description`.

<i>OID</i>	1.3.6.1.1.10.4.21
<i>Names</i>	uddiInstanceDescription
<i>Description</i>	instance details description
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.680. uddiInstanceParms

The value of this attribute holds the settings, or a URL reference to a file containing the settings, that are required to use a facet of a UDDI binding template description.

<i>OID</i>	1.3.6.1.1.10.4.22
<i>Names</i>	uddiInstanceParms
<i>Description</i>	URL reference to required settings
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.681. uddiIsHidden

The value of this attribute indicates a deleted template model that is not found in result sets when finding template models.

<i>OID</i>	1.3.6.1.1.10.4.28
<i>Names</i>	uddiIsHidden
<i>Description</i>	isHidden attribute
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean

<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.682. uddisProjection

The value of this attribute indicates a business service that has a service projection.

<i>OID</i>	1.3.6.1.1.10.4.29
<i>Names</i>	uddisProjection
<i>Description</i>	isServiceProjection attribute
<i>Equality Matching Rule</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.683. uddiKeyedReference

The value of this attribute holds a name-value pair with an additional reference to a template model.

The value can optionally be prefixed with a template model and key name, as in `#t-model#key-name#key-value`.

<i>OID</i>	1.3.6.1.1.10.4.16
<i>Names</i>	uddiKeyedReference
<i>Description</i>	categorization information
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String

<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.684. uddiLang

The value of this attribute models the `xml:lang` value for a UDDIv3 address structure.

<i>OID</i>	1.3.6.1.1.10.4.30
<i>Names</i>	uddiLang
<i>Description</i>	xml:lang value in v3 Address structure
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.685. uddiName

The value of this attribute holds a human-readable name for a UDDI business entity, business service, or template model.

Each value has the form, `xml:lang-value#name`, where at most one value can omit the `xml:lang-value#` prefix.

<i>OID</i>	1.3.6.1.1.10.4.4
<i>Names</i>	uddiName
<i>Description</i>	human readable name
<i>Equality Matching Rule</i>	caseIgnoreMatch

<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.686. uddiOperator

The value of this attribute holds the certified name of the UDDI registry site operator that manages the master copy of the UDDI business entity or template model.

UDDIV3 uses `uddiv3NodeId` instead.

<i>OID</i>	1.3.6.1.1.10.4.3
<i>Names</i>	uddiOperator
<i>Description</i>	registry site operator of businessEntity's master copy
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.687. uddiOverviewDescription

The value of this attribute holds one or more localized descriptions indicating how to use a UDDI template model.

Each value has the form, `xml:lang-value#description`.

<i>OID</i>	1.3.6.1.1.10.4.23
<i>Names</i>	uddiOverviewDescription
<i>Description</i>	outlines tModel usage
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.688. uddiOverviewURL

The value of this attribute holds a URL to longer overview document describing how a UDDI template model reference is used as a component of an overall web service description.

<i>OID</i>	1.3.6.1.1.10.4.24
<i>Names</i>	uddiOverviewURL
<i>Description</i>	URL reference to overview document
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.689. uddiPersonName

The value of this attribute lists names of people or names of job roles available behind the contact.

Examples: `webmaster`, `administrator`.

In UDDIv3, each value can have the form, `xml:lang-value#name`.

<i>OID</i>	1.3.6.1.1.10.4.8
<i>Names</i>	uddiPersonName
<i>Description</i>	name of person or job role available for contact
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.690. uddiPhone

The value of this attribute holds telephone numbers for the contact.

Prefix values with use type descriptions if more than one phone number is provided, as in `use-type#phone-number`.

<i>OID</i>	1.3.6.1.1.10.4.9
<i>Names</i>	uddiPhone
<i>Description</i>	telephone number for contact
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.691. uddiServiceKey

The value of this attribute uniquely identifies a UDDI business service.

This value should be empty when saving a new UDDI business service structure.

This attribute is optional for a business service whose parent already has a business key.

<i>OID</i>	1.3.6.1.1.10.4.17
<i>Names</i>	uddiServiceKey
<i>Description</i>	businessService unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.692. uddiSortCode

The value of this attribute drives behavior of external display mechanisms that sort addresses.

This is deprecated in UDDIv3.

<i>OID</i>	1.3.6.1.1.10.4.11
<i>Names</i>	uddiSortCode
<i>Description</i>	specifies an external display mechanism
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications

<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.693. uddiTModelKey

The value of this attribute uniquely identifies a UDDI template model.

When used with a keyed reference, it serves as the key identifying a value set, and implies that the key name-key value pair in a UDDI identify or category bag should be interpreted by the value set referenced by the template model key. When used with an address line element, it implies the key name and key pair in subsequent address line elements should be interpreted by the address structure associated with the referenced template model.

<i>OID</i>	1.3.6.1.1.10.4.12
<i>Names</i>	uddiTModelKey
<i>Description</i>	tModel unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.694. uddiToKey

The value of this attribute uniquely references the second business entity for which an assertion is made.

<i>OID</i>	1.3.6.1.1.10.4.26
<i>Names</i>	uddiToKey
<i>Description</i>	unique businessEntity key reference
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.695. uddiUseType

The value of this attribute holds text describing a type of contact or address.

Examples: `technical contact`, `billing department`.

<i>OID</i>	1.3.6.1.1.10.4.7
<i>Names</i>	uddiUseType
<i>Description</i>	name of convention the referenced document follows
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.696. uddiUUID

The value of this attribute uniquely a UDDI contact, address, or publisher assertion.

<i>OID</i>	1.3.6.1.1.10.4.27
<i>Names</i>	uddiUUID
<i>Description</i>	unique attribute
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch

<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.697. uddiv3BindingKey

The value of this attribute holds a unique, UDDIv3 identifier for a binding template.

<i>OID</i>	1.3.6.1.1.10.4.33
<i>Names</i>	uddiv3BindingKey
<i>Description</i>	UDDIv3 BindingTemplate unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.698. uddiv3BriefResponse

The value of this attribute indicates whether a brief response is associated with a subscription entity. It controls the level of detail returned to a subscription listener.

<i>OID</i>	1.3.6.1.1.10.4.43
<i>Names</i>	uddiv3BriefResponse
<i>Description</i>	UDDIv3 Subscription ExpiresAfter field
<i>Equality Matching Rule</i>	booleanMatch

<i>Syntax</i>	Boolean
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.699. uddiv3BusinessKey

The value of this attribute holds a unique, UDDIv3 identifier for a business entity.

<i>OID</i>	1.3.6.1.1.10.4.31
<i>Names</i>	uddiv3BusinessKey
<i>Description</i>	UDDIv3 businessEntity unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.700. uddiv3DigitalSignature

The value of this attribute holds an XML digital signature for a UDDI entity.

<i>OID</i>	1.3.6.1.1.10.4.35
<i>Names</i>	uddiv3DigitalSignature
<i>Description</i>	UDDIv3 entity digital signature
<i>Equality Matching Rule</i>	caseExactMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch

<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.701. uddiv3EntityCreationTime

The value of this attribute holds the original creation time for a UDDI entity that is deleted in an entity obituary.

It is also used to record the original creation time in the event of a move.

<i>OID</i>	1.3.6.1.1.10.4.45
<i>Names</i>	uddiv3EntityCreationTime
<i>Description</i>	UDDIv3 Entity Creation Time
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.702. uddiv3EntityDeletionTime

The value of this attribute holds the deletion time for a UDDI entity that is deleted in an entity obituary.

<i>OID</i>	1.3.6.1.1.10.4.46
<i>Names</i>	uddiv3EntityDeletionTime
<i>Description</i>	UDDIv3 Entity Deletion Time
<i>Equality Matching Rule</i>	generalizedTimeMatch

<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.703. uddiv3EntityKey

The value of this attribute holds a unique, UDDIv3 identifier for an instance of a UDDI data structure to be logged as an entity obituary.

<i>OID</i>	1.3.6.1.1.10.4.44
<i>Names</i>	uddiv3EntityKey
<i>Description</i>	UDDIv3 Entity unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.704. uddiv3EntityModificationTime

The value of this attribute holds the last modification time for a UDDI entity.

When a child entity is updated, the parent entity timestamp is also updated.

<i>OID</i>	1.3.6.1.1.10.4.37
<i>Names</i>	uddiv3EntityModificationTime

<i>Description</i>	UDDIV3 Last Modified Time for Entity
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.705. uddiv3ExpiresAfter

The value of this attribute specifies the expiry time for a subscription. Its type is `xsd:dateTime`.

<i>OID</i>	1.3.6.1.1.10.4.42
<i>Names</i>	uddiv3ExpiresAfter
<i>Description</i>	UDDIV3 Subscription ExpiresAfter field
<i>Equality Matching Rule</i>	generalizedTimeMatch
<i>Ordering Matching Rule</i>	generalizedTimeOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Generalized Time
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.706. uddiv3MaxEntities

The value of this attribute specifies the maximum number of entities that are returned as part of a subscription notification.

<i>OID</i>	1.3.6.1.1.10.4.41
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<i>Names</i>	uddiv3MaxEntities
<i>Description</i>	UDDIv3 Subscription maxEntities field
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.707. uddiv3NodeId

The value of this attribute holds a node identity for a UDDIv3 node.

<i>OID</i>	1.3.6.1.1.10.4.36
<i>Names</i>	uddiv3NodeId
<i>Description</i>	UDDIv3 Node Identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.708. uddiv3NotificationInterval

The value of this attribute holds a notification interval string. The string type is `xsd:duration`.

The interval specifies how often to send asynchronous change notifications to a subscriber.

<i>OID</i>	1.3.6.1.1.10.4.40
<i>Names</i>	uddiv3NotificationInterval
<i>Description</i>	UDDIv3 Notification Interval
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.709. uddiv3ServiceKey

The value of this attribute holds a unique, UDDIv3 identifier for a business service.

<i>OID</i>	1.3.6.1.1.10.4.32
<i>Names</i>	uddiv3ServiceKey
<i>Description</i>	UDDIv3 businessService unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.710. uddiv3SubscriptionFilter

The value of this attribute holds a UDDIv3 subscription filter. The filter criteria limit the scope of a subscription to a subset of registry records.

<i>OID</i>	1.3.6.1.1.10.4.39
<i>Names</i>	uddiv3SubscriptionFilter
<i>Description</i>	UDDIV3 Subscription Filter
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.711. uddiv3SubscriptionKey

The value of this attribute holds a unique, UDDIV3 identifier for a subscription entity.

<i>OID</i>	1.3.6.1.1.10.4.38
<i>Names</i>	uddiv3SubscriptionKey
<i>Description</i>	UDDIV3 Subscription unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

1.712. uddiv3TModelKey

The value of this attribute holds a unique, UDDIV3 identifier for a template model.

<i>OID</i>	1.3.6.1.1.10.4.34
<i>Names</i>	udiv3TModelKey
<i>Description</i>	UDDIv3 TModel unique identifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-udiv3.ldif

1.713. uid

Computer system login names associated with the entry.

Example: `bjensen`, `root`.

<i>OID</i>	0.9.2342.19200300.100.1.1
<i>Names</i>	uid, userid
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.714. uidNumber

<i>OID</i>	1.3.6.1.1.1.1.0
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<i>Names</i>	uidNumber
<i>Description</i>	An integer uniquely identifying a user in an administrative domain
<i>Equality Matching Rule</i>	integerMatch
<i>Ordering Matching Rule</i>	integerOrderingMatch
<i>Substring Matching Rule</i>	caseExactSubstringsMatch
<i>Syntax</i>	Integer
<i>Single Value</i>	true
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

1.715. uniqueIdentifier

Unique identifier for a directory object. The semantics of uniqueness are defined locally for the directory, so the values are not necessarily universally unique identifiers, but might be a payroll number for an individual or a department code for an organizational unit.

<i>OID</i>	0.9.2342.19200300.100.1.44
<i>Names</i>	uniqueIdentifier
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.716. uniqueMember

Distinguished names of objects that are part of a group, where the RDN of the object includes a value to distinguish between names that have been reused.

<i>OID</i>	2.5.4.50
<i>Names</i>	uniqueMember
<i>Equality Matching Rule</i>	uniqueMemberMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Name and Optional UID
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.717. userCertificate

X.509 certificate issued to the user, as described in X.509 clause 11.2.1.

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

<i>OID</i>	2.5.4.36
<i>Names</i>	userCertificate
<i>Equality Matching Rule</i>	certificateExactMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Certificate
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

1.718. userClass

Categories to refer to a computer or application user, such as `full-time employee` or `contractor`.

Similar attributes include `organizationalStatus` and `title`.

<i>OID</i>	0.9.2342.19200300.100.1.8
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<i>Names</i>	userClass
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

1.719. userPassword

Octet string known only to the user and the system to which the user has access.

Applications should prepare textual strings used as passwords by transcoding them to Unicode, applying SASLprep as described in RFC 4013, and encoding as UTF-8. The client must determine whether a password is a textual string.

Passwords are not encrypted during transport. If the underlying transport is not secure, transmission can result in disclosure of the password to unauthorized parties.

<i>OID</i>	2.5.4.35
<i>Names</i>	userPassword
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

1.720. userPKCS12

PKCS#12 format personal identity information.

Request and transfer values using the binary option for the attribute description, `userPKCS12;binary`.

<i>OID</i>	2.16.840.1.113730.3.1.216
<i>Names</i>	userPKCS12
<i>Description</i>	PKCS #12 PFX PDU for exchange of personal identity information
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Binary
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

1.721. userSMIMECertificate

PKCS#7 SignedData, where the content signed is ignored by consumers of `userSMIMECertificate` values. PKCS#7 is described in RFC 2315.

A value holds the entire certificate chain and a `smimeCapabilities` field as described in RFC 2633. This attribute is preferred over `userCertificate` for S/MIME applications.

Values should have a data `contentType` and omit the `content` field.

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

<i>OID</i>	2.16.840.1.113730.3.1.40
<i>Names</i>	userSMIMECertificate
<i>Description</i>	PKCS#7 SignedData used to support S/MIME
<i>Equality Matching Rule</i>	octetStringMatch
<i>Ordering Matching Rule</i>	octetStringOrderingMatch
<i>Syntax</i>	Binary
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 2798

Schema File	00-core.ldif
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1.722. vendorName

Name of the party who implemented this LDAP server.

Access to this attribute may be restricted, so client applications must not expect this attribute to be available.

<i>OID</i>	1.3.6.1.1.4
<i>Names</i>	vendorName
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false
<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 3045
<i>Schema File</i>	00-core.ldif

1.723. vendorVersion

Version of this LDAP server implementation, which must be unique between two versions.

Access to this attribute may be restricted, so client applications must not expect this attribute to be available.

<i>OID</i>	1.3.6.1.1.5
<i>Names</i>	vendorVersion
<i>Equality Matching Rule</i>	caseExactIA5Match
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	true
<i>User Modification Allowed</i>	false

<i>Usage</i>	dSAOperation
<i>Origin</i>	RFC 3045
<i>Schema File</i>	00-core.ldif

1.724. winAccountName

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.1.62
<i>Names</i>	winAccountName
<i>Description</i>	Windows user or group Name corresponding to a Unix user or group
<i>Equality Matching Rule</i>	caseIgnoreMatch
<i>Ordering Matching Rule</i>	caseIgnoreOrderingMatch
<i>Substring Matching Rule</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Directory String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

1.725. x121Address

Data network address as defined by ITU Recommendation X.121.

<i>OID</i>	2.5.4.24
<i>Names</i>	x121Address
<i>Equality Matching Rule</i>	numericStringMatch
<i>Ordering Matching Rule</i>	numericStringOrderingMatch
<i>Substring Matching Rule</i>	numericStringSubstringsMatch
<i>Syntax</i>	Numeric String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519

<i>Schema File</i>	00-core.ldif
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1.726. x500UniqueIdentifier

Binary string used to distinguish between objects that reuse the same distinguished name.

<i>OID</i>	2.5.4.45
<i>Names</i>	x500UniqueIdentifier
<i>Equality Matching Rule</i>	bitStringMatch
<i>Syntax</i>	Bit String
<i>Single Value</i>	false: multiple values allowed
<i>User Modification Allowed</i>	true
<i>Usage</i>	userApplications
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

Chapter 2

DIT Content Rules

None defined in the default LDAP schema.

Chapter 3

DIT Structure Rules

3.1. uddiAddressStructureRule

<i>Rule ID</i>	3
<i>Names</i>	uddiAddressStructureRule
<i>Name Form</i>	uddiAddressNameForm
<i>Superior Rules</i>	uddiContactStructureRule
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.2. uddiBindingTemplateStructureRule

<i>Rule ID</i>	5
<i>Names</i>	uddiBindingTemplateStructureRule
<i>Name Form</i>	uddiBindingTemplateNameForm
<i>Superior Rules</i>	uddiBusinessServiceStructureRule
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.3. uddiBusinessEntityStructureRule

<i>Rule ID</i>	1
<i>Names</i>	uddiBusinessEntityStructureRule
<i>Name Form</i>	uddiBusinessEntityNameForm
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.4. uddiBusinessServiceStructureRule

<i>Rule ID</i>	4
<i>Names</i>	uddiBusinessServiceStructureRule
<i>Name Form</i>	uddiBusinessServiceNameForm
<i>Superior Rules</i>	uddiBusinessEntityStructureRule
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.5. uddiContactStructureRule

<i>Rule ID</i>	2
<i>Names</i>	uddiContactStructureRule
<i>Name Form</i>	uddiContactNameForm
<i>Superior Rules</i>	uddiBusinessEntityStructureRule
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.6. uddiPublisherAssertionStructureRule

<i>Rule ID</i>	8
<i>Names</i>	uddiPublisherAssertionStructureRule
<i>Name Form</i>	uddiPublisherAssertionNameForm
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.7. uddiTModelInstanceInfoStructureRule

<i>Rule ID</i>	6
<i>Names</i>	uddiTModelInstanceInfoStructureRule
<i>Name Form</i>	uddiTModelInstanceInfoNameForm
<i>Superior Rules</i>	uddiBindingTemplateStructureRule
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.8. uddiTModelStructureRule

<i>Rule ID</i>	7
<i>Names</i>	uddiTModelStructureRule
<i>Name Form</i>	uddiTModelNameForm
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.9. uddiv3EntityObituaryStructureRule

<i>Rule ID</i>	10
<i>Names</i>	uddiv3EntityObituaryStructureRule
<i>Name Form</i>	uddiv3EntityObituaryNameForm
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

3.10. uddiv3SubscriptionStructureRule

<i>Rule ID</i>	9
<i>Names</i>	uddiv3SubscriptionStructureRule
<i>Name Form</i>	uddiv3SubscriptionNameForm
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

Chapter 4

Matching Rule Uses

None defined in the default LDAP schema.

Chapter 5

Matching Rules

5.1. 1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6

<i>OID</i>	1.3.6.1.4.1.26027.1.4.8.1.3.6.1.4.1.26027.1.3.6
<i>Description</i>	Collective Conflict Behavior enumeration ordering matching rule
<i>Syntax</i>	Collective Conflict Behavior
<i>Origin</i>	OpenDJ X-ENUM Syntax

5.2. 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.

<i>OID</i>	1.3.6.1.4.1.4203.1.2.2
<i>Names</i>	authPasswordExactMatch
<i>Description</i>	authentication password exact matching rule
<i>Syntax</i>	Authentication Password Syntax
<i>Origin</i>	RFC 3112

5.3. authPasswordMatch

Compares an asserted `authPasswordSyntax` value with an `authPasswordSyntax` attribute's value when an `extensibleMatch` filter component is used. Each value is matched according to its scheme.

The rule evaluates to TRUE if and only if there is an attribute value that matches the asserted value. The rule evaluates to FALSE if no attribute value matches. Otherwise, the rule evaluates to Undefined.

<i>OID</i>	1.3.6.1.4.1.4203.1.2.3
<i>Names</i>	authPasswordMatch

<i>Description</i>	authentication password matching rule
<i>Syntax</i>	Authentication Password Syntax

5.4. bitStringMatch

Compares an assertion of Bit String syntax to a value whose syntax is the ASN.1 BIT STRING type.

If the ASN.1 type does not have a named bit list, the rule evaluates to TRUE if and only if the assertion and value have the same number of bits, and each bit matches. Otherwise, the same rules apply, but trailing zero bits are ignored.

<i>OID</i>	2.5.13.16
<i>Names</i>	bitStringMatch
<i>Syntax</i>	Bit String
<i>Origin</i>	RFC 4517

5.5. booleanMatch

Compares an assertion of Boolean syntax to a value whose syntax is the ASN.1 BOOLEAN type.

The rule evaluates to TRUE if and only if the assertion and value are either both TRUE, or both FALSE.

<i>OID</i>	2.5.13.13
<i>Names</i>	booleanMatch
<i>Syntax</i>	Boolean
<i>Origin</i>	RFC 4517

5.6. caseExactIA5Match

Compares an assertion of IA5 String syntax to a value whose syntax is the ASN.1 IA5String type.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>OID</i>	1.3.6.1.4.1.1466.109.114.1
<i>Names</i>	caseExactIA5Match
<i>Syntax</i>	IA5 String

Origin	RFC 4517
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5.7. 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

5.8. 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

5.9. caseExactJsonQueryMatch

This matching rule is used for attributes whose values are JSON objects.

Respect case when finding matches. For example, **Babs** and **babs** *do not* match.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.2
<i>Names</i>	caseExactJsonQueryMatch
<i>Syntax</i>	Json Query
<i>Origin</i>	OpenDJ Directory Server

5.10. caseExactMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.5
<i>Names</i>	caseExactMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	RFC 4517

5.11. caseExactOrderingMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string is less than prepared assertion value string according to the code point collation order. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.6
<i>Names</i>	caseExactOrderingMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	RFC 4517

5.12. caseExactSubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.7
<i>Names</i>	caseExactSubstringsMatch
<i>Syntax</i>	Substring Assertion
<i>Origin</i>	RFC 4517

5.13. caseIgnoreIA5Match

Compares an assertion of IA5 String syntax to a value whose syntax is the ASN.1 IA5String type.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>OID</i>	1.3.6.1.4.1.1466.109.114.2
<i>Names</i>	caseIgnoreIA5Match
<i>Syntax</i>	IA5 String
<i>Origin</i>	RFC 4517

5.14. caseIgnoreIA5SubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is the ASN.1 IA5String type, or one of the alternative types.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.

3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>OID</i>	1.3.6.1.4.1.1466.109.114.3
<i>Names</i>	caseIgnoreIA5SubstringsMatch
<i>Syntax</i>	Substring Assertion
<i>Origin</i>	RFC 4517

5.15. caseIgnoreJsonIdMatch

This matching rule is used for attributes whose values are JSON objects. With this rule, only the `"_id"` fields matter for matching. In other words, two JSON objects are considered equal if their `"_id"` values match, regardless of other values.

Ignore case when finding matches. For example, `BJensen` matches `bjensen`.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.4
<i>Names</i>	caseIgnoreJsonIdMatch
<i>Syntax</i>	Json
<i>Origin</i>	OpenDJ Directory Server

5.16. caseIgnoreJsonQueryMatch

This matching rule is used for attributes whose values are JSON objects.

Ignore case when finding matches. For example, `Babs` matches `babs`.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.1
<i>Names</i>	caseIgnoreJsonQueryMatch
<i>Syntax</i>	Json Query
<i>Origin</i>	OpenDJ Directory Server

5.17. caseIgnoreListMatch

Compares an assertion that is a sequence of strings to a value whose syntax is an ASN.1 SEQUENCE OF the DirectoryString type.

The rule evaluates to TRUE if and only if the attribute value and the assertion value have the same number of strings, and corresponding strings match according to the `caseIgnoreMatch` matching rule.

<i>OID</i>	2.5.13.11
<i>Names</i>	caseIgnoreListMatch
<i>Syntax</i>	Postal Address
<i>Origin</i>	RFC 4517

5.18. caseIgnoreListSubstringsMatch

Compares an assertion value of the Substring Assertion syntax to a value whose syntax is an ASN.1 SEQUENCE OF the DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value matches the concatenated strings of the attribute value, where none of the initial, any, or final substrings match if they span more than one of the original attribute value strings. The match is evaluated according to the [caseIgnoreSubstringsMatch](#) rule.

<i>OID</i>	2.5.13.12
<i>Names</i>	caseIgnoreListSubstringsMatch
<i>Syntax</i>	Substring Assertion
<i>Origin</i>	RFC 4517

5.19. caseIgnoreMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.2
<i>Names</i>	caseIgnoreMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	RFC 4517

5.20. caseIgnoreOrderingMatch

Compares an assertion of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if the prepared attribute value string is less than prepared assertion value string according to the code point collation order. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.3
<i>Names</i>	caseIgnoreOrderingMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	RFC 4517

5.21. caseIgnoreSubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is the ASN.1 DirectoryString type, or one of the alternative types.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.4
<i>Names</i>	caseIgnoreSubstringsMatch
<i>Syntax</i>	Substring Assertion
<i>Origin</i>	RFC 4517

5.22. certificateExactMatch

Compares a certificate exact assertion value with an attribute value of certificate syntax.

<i>OID</i>	2.5.13.34
<i>Names</i>	certificateExactMatch
<i>Syntax</i>	X.509 Certificate Exact Assertion
<i>Origin</i>	RFC 4523

5.23. directoryStringFirstComponentMatch

Compares an assertion value of DirectoryString syntax to a value whose syntax is an ASN.1 SEQUENCE with a mandatory first component of the ASN.1 DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value matches the first component of the attribute value according to the `caseIgnoreMatch` matching rule.

<i>OID</i>	2.5.13.31
<i>Names</i>	directoryStringFirstComponentMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	RFC 4517

5.24. distinguishedNameMatch

Compares an assertion value of DN syntax to a value whose syntax is an ASN.1 DistinguishedName type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value have the same number of RDNs, and the RDNs in the same position are the same. Two RDNs are the same if and only if they have the same number of attribute value assertions (AVA), and each AVA of the first RDN is the same as the AVA of the second RDN with the same attribute type, according to the equality matching rule for the attribute type. Order of AVAs is not significant. If one or more AVAs evaluate to Undefined, and the remaining AVAs evaluate to TRUE, then the `distinguishedNameMatch` evaluates to Undefined.

<i>OID</i>	2.5.13.1
<i>Names</i>	distinguishedNameMatch
<i>Syntax</i>	DN
<i>Origin</i>	RFC 4517

5.25. ds-mr-double-metaphone-approx

<i>OID</i>	1.3.6.1.4.1.26027.1.4.1
<i>Names</i>	ds-mr-double-metaphone-approx
<i>Description</i>	Double Metaphone Approximate Match
<i>Syntax</i>	Directory String
<i>Origin</i>	OpenDS Directory Server

5.26. ds-mr-user-password-equality

<i>OID</i>	1.3.6.1.4.1.26027.1.4.3
<i>Names</i>	ds-mr-user-password-equality
<i>Description</i>	user password matching rule
<i>Syntax</i>	Octet String

5.27. ds-mr-user-password-exact

<i>OID</i>	1.3.6.1.4.1.26027.1.4.2
<i>Names</i>	ds-mr-user-password-exact
<i>Description</i>	user password exact matching rule
<i>Syntax</i>	User Password
<i>Origin</i>	OpenDS Directory Server

5.28. generalizedTimeMatch

Compares an assertion value of Generalized Time syntax to a value whose syntax is an ASN.1 GeneralizedTime type.

The rule evaluates to TRUE if and only if the attribute value represents a universal coordinated time that is the same as the assertion value.

<i>OID</i>	2.5.13.27
<i>Names</i>	generalizedTimeMatch
<i>Syntax</i>	Generalized Time
<i>Origin</i>	RFC 4517

5.29. generalizedTimeOrderingMatch

Compares an assertion value of Generalized Time syntax to a value whose syntax is an ASN.1 GeneralizedTime type.

The rule evaluates to TRUE if and only if the attribute value represents a universal coordinated time that is earlier than the assertion value.

<i>OID</i>	2.5.13.28
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<i>Names</i>	generalizedTimeOrderingMatch
<i>Syntax</i>	Generalized Time
<i>Origin</i>	RFC 4517

5.30. historicalCsnOrderingMatch

<i>OID</i>	1.3.6.1.4.1.26027.1.4.4
<i>Names</i>	historicalCsnOrderingMatch
<i>Syntax</i>	Octet String

5.31. historicalCsnRangeMatch

<i>OID</i>	1.3.6.1.4.1.36733.2.1.4.3
<i>Names</i>	historicalCsnRangeMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	OpenDJ Directory Server

5.32. integerFirstComponentMatch

Compares an assertion value of Integer syntax to a value whose syntax is an ASN.1 SEQUENCE with a mandatory first component of the ASN.1 INTEGER type.

The rule evaluates to TRUE if and only if the assertion value and the first component of the attribute value are the same integer value.

<i>OID</i>	2.5.13.29
<i>Names</i>	integerFirstComponentMatch
<i>Syntax</i>	Integer
<i>Origin</i>	RFC 4517

5.33. integerMatch

Compares an assertion value of Integer syntax to a value whose syntax is the ASN.1 INTEGER type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value are the same integer value.

<i>OID</i>	2.5.13.14
<i>Names</i>	integerMatch
<i>Syntax</i>	Integer
<i>Origin</i>	RFC 4517

5.34. integerOrderingMatch

Compares an assertion value of Integer syntax to a value whose syntax is the ASN.1 INTEGER type.

The rule evaluates to TRUE if and only if the integer value of the assertion is less than the integer value of the attribute.

<i>OID</i>	2.5.13.15
<i>Names</i>	integerOrderingMatch
<i>Syntax</i>	Integer
<i>Origin</i>	RFC 4517

5.35. keywordMatch

Compares an assertion value of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value character string matches a keyword in the attribute value, where keyword matches are implementation defined.

In this implementation, a keyword match occurs if the assertion value is contained within the attribute value, and the assertion value is bounded by the start or the end of the attribute value or any of the following characters:

- A space
- A period
- A comma
- A slash
- A dollar sign
- A plus sign
- A dash

- An underscore
- An octothorpe (#)
- An equal sign

<i>OID</i>	2.5.13.33
<i>Names</i>	keywordMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	RFC 4517

5.36. numericStringMatch

Compares an assertion of Numeric String syntax to a value whose syntax is the ASN.1 NumericString type.

The rule evaluates to TRUE if and only if the prepared attribute value string and prepared assertion value string have the same number of characters, and corresponding characters have the same code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.8
<i>Names</i>	numericStringMatch
<i>Syntax</i>	Numeric String
<i>Origin</i>	RFC 4517

5.37. numericStringOrderingMatch

Compares an assertion of Numeric String syntax to a value whose syntax is the ASN.1 NumericString type.

The rule evaluates to TRUE if and only if the prepared attribute value string is less than prepared assertion value string according to the code point collation order. For the comparison, characters are not case folded, and only insignificant white space handling is applied. All space characters are skipped during rule evaluation.

<i>OID</i>	2.5.13.9
<i>Names</i>	numericStringOrderingMatch
<i>Syntax</i>	Numeric String
<i>Origin</i>	RFC 4517

5.38. numericStringSubstringsMatch

Compares an assertion of Numeric String syntax to a value whose syntax is the ASN.1 NumericString type.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are not case folded, and only insignificant white space handling is applied.

<i>OID</i>	2.5.13.10
<i>Names</i>	numericStringSubstringsMatch
<i>Syntax</i>	Substring Assertion
<i>Origin</i>	RFC 4517

5.39. objectIdentifierFirstComponentMatch

Compares an assertion value of OID syntax to a value whose syntax is an ASN.1 SEQUENCE with a mandatory first component of the ASN.1 OBJECT IDENTIFIER type.

The rule evaluates to TRUE if and only if the assertion value matches the first component of the attribute value according to the [objectIdentifierMatch](#) matching rule.

<i>OID</i>	2.5.13.30
<i>Names</i>	objectIdentifierFirstComponentMatch
<i>Syntax</i>	OID
<i>Origin</i>	RFC 4517

5.40. objectIdentifierMatch

Compares an assertion value of OID syntax to a value whose syntax is the ASN.1 OBJECT IDENTIFIER type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value represent the same object identifier value, that is, the same sequence of integers.

<i>OID</i>	2.5.13.0
<i>Names</i>	objectIdentifierMatch
<i>Syntax</i>	OID
<i>Origin</i>	RFC 4517

5.41. octetStringMatch

Compares an assertion value of Octet String syntax to a value whose syntax is the ASN.1 OCTET STRING type.

The rule evaluates to TRUE if and only if the assertion value and the attribute value are of the same length, and corresponding octets are the same.

<i>OID</i>	2.5.13.17
<i>Names</i>	octetStringMatch
<i>Syntax</i>	Octet String
<i>Origin</i>	RFC 4517

5.42. octetStringOrderingMatch

Compares an assertion value of Octet String syntax to a value whose syntax is the ASN.1 OCTET STRING type.

The rule evaluates to TRUE if and only if the assertion value is less than the attribute value according to the collation order. Octets are compared from the first octet to the last octet, and within octets from the most significant bit to the least significant bit.

<i>OID</i>	2.5.13.18
<i>Names</i>	octetStringOrderingMatch
<i>Syntax</i>	Octet String
<i>Origin</i>	RFC 4517

5.43. octetStringSubstringsMatch

<i>OID</i>	2.5.13.19
<i>Names</i>	octetStringSubstringsMatch
<i>Syntax</i>	Octet String

<i>Origin</i>	X.500
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5.44. partialDateAndTimeMatchingRule

<i>OID</i>	1.3.6.1.4.1.26027.1.4.7
<i>Names</i>	partialDateAndTimeMatchingRule
<i>Description</i>	partial date and time matching
<i>Syntax</i>	Generalized Time
<i>Origin</i>	OpenDS Directory Server

5.45. presentationAddressMatch

This rule behaves exactly like the `caseIgnoreMatch` rule.

<i>OID</i>	2.5.13.22
<i>Names</i>	presentationAddressMatch
<i>Syntax</i>	Presentation Address
<i>Origin</i>	RFC 2252

5.46. protocolInformationMatch

This rule behaves exactly like the `caseIgnoreMatch` rule.

<i>OID</i>	2.5.13.24
<i>Names</i>	protocolInformationMatch
<i>Syntax</i>	Protocol Information
<i>Origin</i>	RFC 2252

5.47. relativeTimeGTOrderingMatch

<i>OID</i>	1.3.6.1.4.1.26027.1.4.5
<i>Names</i>	relativeTimeGTOrderingMatch, relativeTimeOrderingMatch.gt
<i>Description</i>	greater-than relative time for time-based searches
<i>Syntax</i>	Generalized Time
<i>Origin</i>	OpenDS Directory Server

5.48. relativeTimeLTOrderingMatch

<i>OID</i>	1.3.6.1.4.1.26027.1.4.6
<i>Names</i>	relativeTimeLTOrderingMatch, relativeTimeOrderingMatch.It
<i>Description</i>	less-than relative time for time-based searches
<i>Syntax</i>	Generalized Time
<i>Origin</i>	OpenDS Directory Server

5.49. telephoneNumberMatch

Compares an assertion value of Telephone Number syntax to a value whose syntax is an ASN.1 PrintableString representing a telephone number.

The rule evaluates to TRUE if and only if the assertion value and the attribute value are of the same length, and corresponding octets are the same. For the comparison, characters are case folded, and only telephoneNumber insignificant white space handling is applied.

<i>OID</i>	2.5.13.20
<i>Names</i>	telephoneNumberMatch
<i>Syntax</i>	Telephone Number
<i>Origin</i>	RFC 4517

5.50. telephoneNumberSubstringsMatch

Compares an assertion of Substring Assertion syntax to a value whose syntax is an ASN.1 PrintableString representing a telephone number.

The rule evaluates to TRUE if and only if:

1. The prepared substrings in the assertion value match disjoint portions of the prepared attribute value string in the order they occur in the attribute value.
2. An initial substring in the assertion value, if present, matches the beginning of the attribute value string.
3. A final substring in the assertion value, if present, matches the end of the attribute value string.

Strings match when their characters correspond at each code point. For the comparison, characters are case folded, and only telephoneNumber insignificant white space handling is applied.

<i>OID</i>	2.5.13.21
<i>Names</i>	telephoneNumberSubstringsMatch

<i>Syntax</i>	Substring Assertion
<i>Origin</i>	RFC 4517

5.51. uniqueMemberMatch

Compares an assertion value of Name And Optional UID syntax to a value whose syntax is an ASN.1 NameAndOptionalUID type.

The rule evaluates to TRUE if and only if The distinguished name components of the assertion value and the attribute value match according to the `distinguishedNameMatch` rule, and either of the following are true:

- The bit string component is absent from both values.
- The bit string components are present in both values, and they match according to the `bitStringMatch` rule.

<i>OID</i>	2.5.13.23
<i>Names</i>	uniqueMemberMatch
<i>Syntax</i>	Name and Optional UID
<i>Origin</i>	RFC 4517

5.52. uuidMatch

Compares an asserted UUID with a stored UUID for equality.

This rule uses the same semantics as `octetStringMatch`, except the assertion value is encoded using the UUID string representation, rather than the normal OCTET STRING string representation.

<i>OID</i>	1.3.6.1.1.16.2
<i>Names</i>	uuidMatch
<i>Syntax</i>	UUID
<i>Origin</i>	RFC 4530

5.53. uuidOrderingMatch

Compares an asserted UUID with a stored UUID for ordering.

This rule uses the same semantics as `octetStringOrderingMatch`, except the assertion value is encoded using the UUID string representation, rather than the normal OCTET STRING string representation.

UUIDs do not necessarily have a natural ordering. Servers are not required to assign UUIDs in any particular order.

<i>OID</i>	1.3.6.1.1.16.3
<i>Names</i>	uuidOrderingMatch
<i>Syntax</i>	UUID
<i>Origin</i>	RFC 4530

5.54. wordMatch

Compares an assertion value of Directory String syntax to a value whose syntax is the ASN.1 DirectoryString type.

The rule evaluates to TRUE if and only if the assertion value character string matches a word in the attribute value, according to the semantics of the `caseIgnoreMatch` rule.

In this implementation, a word match occurs if the assertion value is contained within the attribute value, and the assertion value is bounded by the start or the end of the attribute value or any of the following characters:

- A space
- A period
- A comma
- A slash
- A dollar sign
- A plus sign
- A dash
- An underscore
- An octothorpe (#)
- An equal sign

<i>OID</i>	2.5.13.32
<i>Names</i>	wordMatch
<i>Syntax</i>	Directory String
<i>Origin</i>	RFC 4517

Chapter 6

Name Forms

6.1. uddiAddressNameForm

This name form defines the naming attribute for an address.

<i>OID</i>	1.3.6.1.1.10.15.3
<i>Names</i>	uddiAddressNameForm
<i>Structural Object Class</i>	uddiAddress
<i>Required Attributes</i>	uddiUUID
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.2. uddiBindingTemplateNameForm

This name form defines the naming attribute for a binding template.

<i>OID</i>	1.3.6.1.1.10.15.5
<i>Names</i>	uddiBindingTemplateNameForm
<i>Structural Object Class</i>	uddiBindingTemplate
<i>Required Attributes</i>	uddiBindingKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.3. uddiBusinessEntityNameForm

This name form defines the naming attribute for a business entity.

<i>OID</i>	1.3.6.1.1.10.15.1
<i>Names</i>	uddiBusinessEntityNameForm
<i>Structural Object Class</i>	uddiBusinessEntity
<i>Required Attributes</i>	uddiBusinessKey

<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.4. uddiBusinessServiceNameForm

This name form defines the naming attribute for a business service.

<i>OID</i>	1.3.6.1.1.10.15.4
<i>Names</i>	uddiBusinessServiceNameForm
<i>Structural Object Class</i>	uddiBusinessService
<i>Required Attributes</i>	uddiServiceKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.5. uddiContactNameForm

This name form defines the naming attribute for a contact.

<i>OID</i>	1.3.6.1.1.10.15.2
<i>Names</i>	uddiContactNameForm
<i>Structural Object Class</i>	uddiContact
<i>Required Attributes</i>	uddiUUID
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.6. uddiPublisherAssertionNameForm

This name form defines the naming attribute for a publisher assertion.

<i>OID</i>	1.3.6.1.1.10.15.8
<i>Names</i>	uddiPublisherAssertionNameForm
<i>Structural Object Class</i>	uddiPublisherAssertion
<i>Required Attributes</i>	uddiUUID
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.7. uddiTModelInstanceInfoNameForm

This name form defines the naming attribute for a template model instance information object.

<i>OID</i>	1.3.6.1.1.10.15.6
<i>Names</i>	uddiTModelInstanceInfoNameForm
<i>Structural Object Class</i>	uddiTModelInstanceInfo
<i>Required Attributes</i>	uddiTModelKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.8. uddiTModelNameForm

This name form defines the naming attribute for a name form.

<i>OID</i>	1.3.6.1.1.10.15.7
<i>Names</i>	uddiTModelNameForm
<i>Structural Object Class</i>	uddiTModel
<i>Required Attributes</i>	uddiTModelKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.9. uddiv3EntityObituaryNameForm

This name form defines the naming attribute for an entry obituary.

<i>OID</i>	1.3.6.1.1.10.15.10
<i>Names</i>	uddiv3EntityObituaryNameForm
<i>Structural Object Class</i>	uddiv3EntityObituary
<i>Required Attributes</i>	uddiUUID
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

6.10. uddiv3SubscriptionNameForm

This name form defines the naming attribute for a subscription.

<i>OID</i>	1.3.6.1.1.10.15.9
<i>Names</i>	uddiv3SubscriptionNameForm
<i>Structural Object Class</i>	uddiv3Subscription
<i>Required Attributes</i>	uddiUUID
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

Chapter 7

Object Classes

7.1. account

Entries of this object class represent computer accounts.

Use `uid` as the naming attribute.

<i>OID</i>	0.9.2342.19200300.100.4.5
<i>Names</i>	account
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uid
<i>Optional Attributes</i>	description, host, l, o, ou, seeAlso
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.2. alias

Entry pointing to another entry, using an `aliasedObjectName` attribute value.

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

ForgeRock servers do not support alias dereferencing.

<i>OID</i>	2.5.6.1
<i>Names</i>	alias
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	aliasedObjectName, objectClass
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

7.3. applicationEntity

Represents an OSI application.

<i>OID</i>	2.5.6.12
<i>Names</i>	applicationEntity
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, presentationAddress
<i>Optional Attributes</i>	description, l, o, ou, seeAlso, supportedApplicationContext
<i>Origin</i>	RFC 2256
<i>Schema File</i>	00-core.ldif

7.4. applicationProcess

Represents an application executing in a computer system.

<i>OID</i>	2.5.6.11
<i>Names</i>	applicationProcess
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	description, l, ou, seeAlso
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.5. authPasswordObject

Entries of this class optionally contain `authPassword` attributes.

<i>OID</i>	1.3.6.1.4.1.4203.1.4.7
<i>Names</i>	authPasswordObject
<i>Description</i>	authentication password mix in class
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.

<i>Optional Attributes</i>	authPassword
<i>Origin</i>	RFC 3112
<i>Schema File</i>	03-rfc3112.ldif

7.6. automount

<i>OID</i>	1.3.6.1.1.1.2.17
<i>Names</i>	automount
<i>Description</i>	Automount information
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	automountInformation, automountKey, objectClass
<i>Optional Attributes</i>	description
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.7. automountMap

<i>OID</i>	1.3.6.1.1.1.2.16
<i>Names</i>	automountMap
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	automountMapName, objectClass
<i>Optional Attributes</i>	description
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.8. bootableDevice

<i>OID</i>	1.3.6.1.1.1.2.12
<i>Names</i>	bootableDevice
<i>Description</i>	A device with boot parameters; device SHOULD be used as a structural class

<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	bootFile, bootParameter
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.9. calEntry

Entry specifying locations for a calendaring and scheduling client to access a user's calendar and send event requests to the user.

<i>OID</i>	1.2.840.113556.1.5.87
<i>Names</i>	calEntry
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	calCAPURI, calCalAdrURI, calCalURI, calFBURL, calOtherCAPURIs, calOtherCalAdrURIs, calOtherCalURIs, calOtherFBURLs
<i>Origin</i>	RFC 2739
<i>Schema File</i>	03-rfc2739.ldif

7.10. 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 [pkcA](#) instead.

<i>OID</i>	2.5.6.16.2
<i>Names</i>	certificationAuthority-V2
<i>Superior Classes</i>	certificationAuthority
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	authorityRevocationList, cACertificate, certificateRevocationList, objectClass

<i>Optional Attributes</i>	crossCertificatePair, deltaRevocationList
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

7.11. certificationAuthority

Object class for augmenting entries that act as certificate authorities, as described in X.521 clause 6.17.

This object class is deprecated. Use `pkiCA` instead.

<i>OID</i>	2.5.6.16
<i>Names</i>	certificationAuthority
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	authorityRevocationList, cACertificate, certificateRevocationList, objectClass
<i>Optional Attributes</i>	crossCertificatePair
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

7.12. 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.

<i>OID</i>	2.16.840.1.113730.3.2.1
<i>Names</i>	changeLogEntry
<i>Superior Classes</i>	top

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	changeNumber, changeTime, changeType, objectClass, targetDN
<i>Optional Attributes</i>	changes, deleteOldRDN, newRDN, newSuperior
<i>Origin</i>	draft-good-ldap-changelog
<i>Schema File</i>	03-changelog.ldif

7.13. collectiveAttributeSubentry

Subentry for allocating collective attributes, which are attributes that apply to a group of entries.

<i>OID</i>	2.5.17.2
<i>Names</i>	collectiveAttributeSubentry
<i>Description</i>	LDAP Collective Attributes Subentry class
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Origin</i>	RFC 3671
<i>Schema File</i>	00-core.ldif

7.14. container

Microsoft Active Directory object class for an entry used to contain other classes.

<i>OID</i>	1.2.840.113556.1.3.23
<i>Names</i>	container
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Origin</i>	Microsoft Active Directory
<i>Schema File</i>	03-changelog.ldif

7.15. corbaContainer

Entry that contains a CORBA object.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.10
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<i>Names</i>	corbaContainer
<i>Description</i>	Container for a CORBA object
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Origin</i>	RFC 2714
<i>Schema File</i>	03-rfc2714.ldif

7.16. corbaObject

Abstract parent for entries that represent CORBA objects.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.9
<i>Names</i>	corbaObject
<i>Description</i>	CORBA object representation
<i>Superior Classes</i>	top
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	corbaRepositoryId, description
<i>Origin</i>	RFC 2714
<i>Schema File</i>	03-rfc2714.ldif

7.17. corbaObjectReference

Entry that represents a reference to a CORBA object.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.11
<i>Names</i>	corbaObjectReference
<i>Description</i>	CORBA interoperable object reference
<i>Superior Classes</i>	corbaObject
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	corbaIor, objectClass
<i>Optional Attributes</i>	corbaRepositoryId, description
<i>Origin</i>	RFC 2714

Schema File	03-rfc2714.ldif
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7.18. country

Represents a country.

<i>OID</i>	2.5.6.2
<i>Names</i>	country
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	c, objectClass
<i>Optional Attributes</i>	description, searchGuide
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.19. cRLDistributionPoint

Object class for augmenting entries that act as certificate revocation list distribution points, as described in X.509 clause 11.1.3.

<i>OID</i>	2.5.6.19
<i>Names</i>	cRLDistributionPoint
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	authorityRevocationList, certificateRevocationList, deltaRevocationList
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

7.20. dcObject

Permits an entry to hold domain component information.

<i>OID</i>	1.3.6.1.4.1.1466.344
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<i>Names</i>	dcObject
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	dc, objectClass
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.21. deltaCRL

Object class for augmenting entries that hold delta revocation lists, as described in X.509 clause 11.1.4.

<i>OID</i>	2.5.6.23
<i>Names</i>	deltaCRL
<i>Description</i>	X.509 delta CRL
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	deltaRevocationList
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

7.22. device

Represents an appliance, computer, or network element.

<i>OID</i>	2.5.6.14
<i>Names</i>	device
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	description, l, o, ou, owner, seeAlso, serialNumber
<i>Origin</i>	RFC 4519

Schema File	00-core.ldif
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7.23. dmd

Represents a Directory Management Domain, which is the administrative authority for this directory server.

<i>OID</i>	2.5.6.20
<i>Names</i>	dmd
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dmdName, objectClass
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 2256
<i>Schema File</i>	00-core.ldif

7.24. dNSDomain

Entries of this object class represent DNS domains.

<i>OID</i>	0.9.2342.19200300.100.4.15
<i>Names</i>	dNSDomain
<i>Superior Classes</i>	domain
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dc, objectClass
<i>Optional Attributes</i>	aRecord, associatedName, businessCategory, cNAMERecord, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, mDRecord, mxRecord, nSRecord, o, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, soARecord, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

7.25. document

Entries of this object class represent documents.

<i>OID</i>	0.9.2342.19200300.100.4.6
<i>Names</i>	document
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	documentIdentifier, objectClass
<i>Optional Attributes</i>	cn, description, documentAuthor, documentLocation, documentPublisher, documentTitle, documentVersion, l, o, ou, seeAlso
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.26. documentSeries

Entries of this object class represent a series of documents.

<i>OID</i>	0.9.2342.19200300.100.4.9
<i>Names</i>	documentSeries
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	description, l, o, ou, seeAlso, telephoneNumber
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.27. domain

Entries of this object class represent DNS domains for entries that do not represent organizations or organizational units. For organizations or organizational units, see [domainRelatedObject](#).

Use `dc` as the naming attribute.

<i>OID</i>	0.9.2342.19200300.100.4.13
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<i>Names</i>	domain
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dc, objectClass
<i>Optional Attributes</i>	associatedName, businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, o, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.28. domainRelatedObject

Entries of this object class represent DNS domains that are equivalent to an X.500 domain, in other words an organization or organizational unit.

<i>OID</i>	0.9.2342.19200300.100.4.17
<i>Names</i>	domainRelatedObject
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	associatedDomain, objectClass
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.29. ds-certificate-user

Object class for a user or application entry with a digital certificate.

<i>OID</i>	1.3.6.1.4.1.26027.1.2.82
<i>Names</i>	ds-certificate-user
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass

<i>Optional Attributes</i>	ds-certificate-fingerprint, ds-certificate-issuer-dn, ds-certificate-subject-dn, userCertificate
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

7.30. ds-monitor-backend-db

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.96
<i>Names</i>	ds-monitor-backend-db
<i>Description</i>	Database backend metrics
<i>Superior Classes</i>	ds-monitor-backend-pluggable
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-degraded-index-count, ds-mon-backend-filter-use-indexed, ds-mon-backend-filter-use-start-time, ds-mon-backend-filter-use-unindexed, ds-mon-backend-is-private, ds-mon-backend-ttl-entries-deleted, ds-mon-backend-ttl-is-running, ds-mon-backend-ttl-last-run-time, ds-mon-backend-ttl-queue-size, ds-mon-backend-ttl-thread-count, ds-mon-backend-writability-mode, ds-mon-db-cache-evict-internal-nodes-count, ds-mon-db-cache-evict-leaf-nodes-count, ds-mon-db-cache-misses-internal-nodes, ds-mon-db-cache-misses-leaf-nodes, ds-mon-db-cache-size-active, 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
<i>Optional Attributes</i>	ds-mon-backend-degraded-index, ds-mon-backend-entry-count, ds-mon-backend-filter-use
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.31. ds-monitor-backend-pluggable

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.75
<i>Names</i>	ds-monitor-backend-pluggable
<i>Description</i>	Pluggable backend metrics
<i>Superior Classes</i>	ds-monitor-backend
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-degraded-index-count, ds-mon-backend-filter-use-indexed, ds-mon-backend-filter-use-start-time, ds-mon-backend-filter-use-unindexed, ds-mon-

	backend-is-private, ds-mon-backend-ttl-entries-deleted, ds-mon-backend-ttl-is-running, ds-mon-backend-ttl-last-run-time, ds-mon-backend-ttl-queue-size, ds-mon-backend-ttl-thread-count, ds-mon-backend-writability-mode, objectClass, ds-cfg-backend-id
<i>Optional Attributes</i>	ds-mon-backend-degraded-index, ds-mon-backend-entry-count, ds-mon-backend-filter-use
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.32. ds-monitor-backend-proxy

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.93
<i>Names</i>	ds-monitor-backend-proxy
<i>Description</i>	Proxy backend metrics
<i>Superior Classes</i>	ds-monitor-backend
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-is-private, ds-mon-backend-proxy-base-dn, ds-mon-backend-proxy-partition, ds-mon-backend-writability-mode, objectClass, ds-cfg-backend-id
<i>Optional Attributes</i>	ds-mon-backend-entry-count
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.33. ds-monitor-backend

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.74
<i>Names</i>	ds-monitor-backend
<i>Description</i>	Backend metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-is-private, ds-mon-backend-writability-mode, objectClass, ds-cfg-backend-id
<i>Optional Attributes</i>	ds-mon-backend-entry-count
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.34. ds-monitor-base-dn

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.94
<i>Names</i>	ds-monitor-base-dn
<i>Description</i>	Metrics for base DN handled in a backend
<i>Superior Classes</i>	ds-monitor-backend
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-backend-is-private, ds-mon-backend-writability-mode, ds-mon-base-dn, ds-mon-base-dn-entry-count, objectClass, ds-cfg-backend-id
<i>Optional Attributes</i>	ds-mon-backend-entry-count
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.35. ds-monitor-branch

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.69
<i>Names</i>	ds-monitor-branch
<i>Description</i>	Glue entry with no metrics of its own
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.36. ds-monitor-certificate

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.73
<i>Names</i>	ds-monitor-certificate
<i>Description</i>	Key manager certificate metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-alias, ds-mon-certificate-expires-at, ds-mon-certificate-issuer-dn, ds-mon-certificate-serial-number, ds-mon-certificate-subject-dn, objectClass

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.37. ds-monitor-changelog-domain

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.89
<i>Names</i>	ds-monitor-changelog-domain
<i>Description</i>	Replication server changelog domain metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-domain-generation-id, ds-mon-domain-name, ds-mon-missing-changes, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.38. ds-monitor-changelog

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.88
<i>Names</i>	ds-monitor-changelog
<i>Description</i>	Replication server metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-newest-change-number, ds-mon-oldest-change-number, ds-mon-server-id, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.39. ds-monitor-connected-changelog

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.87
<i>Names</i>	ds-monitor-connected-changelog
<i>Description</i>	Metrics for a remote replication server connected to this replication server
<i>Superior Classes</i>	ds-monitor

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-assured-sd-received-updates, ds-mon-assured-sd-sent-updates, ds-mon-assured-sd-sent-updates-timeout, ds-mon-assured-sr-received-updates, ds-mon-assured-sr-received-updates-timeout, ds-mon-assured-sr-sent-updates, ds-mon-assured-sr-sent-updates-timeout, 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
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.40. ds-monitor-connected-replica

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.84
<i>Names</i>	ds-monitor-connected-replica
<i>Description</i>	Metrics for a remote replica connected to this server
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-approx-oldest-change-not-synchronized, ds-mon-approximate-delay, ds-mon-assured-sd-received-updates, ds-mon-assured-sd-received-updates-timeout, ds-mon-assured-sr-received-updates, ds-mon-assured-sr-received-updates-timeout, ds-mon-assured-sr-sent-updates, ds-mon-assured-sr-sent-updates-timeout, 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
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.41. ds-monitor-connection-handler

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.70
<i>Names</i>	ds-monitor-connection-handler
<i>Description</i>	Connection handler metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-active-connections-count, ds-mon-bytes-read, ds-mon-bytes-written, ds-mon-config-dn, ds-mon-listen-address, ds-mon-protocol, ds-mon-requests-failure-

	client-invalid-request, ds-mon-requests-failure-client-security, ds-mon-requests-failure-server, ds-mon-requests-failure-uncategorized, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.42. ds-monitor-disk-space

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.78
<i>Names</i>	ds-monitor-disk-space
<i>Description</i>	Monitored disks metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-disk-dir, ds-mon-disk-free, ds-mon-disk-full-threshold, ds-mon-disk-low-threshold, ds-mon-disk-root, ds-mon-disk-state, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.43. ds-monitor-entry-cache

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.79
<i>Names</i>	ds-monitor-entry-cache
<i>Description</i>	Entry cache metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-cache-entry-count, ds-mon-cache-misses, ds-mon-cache-total-tries, objectClass
<i>Optional Attributes</i>	ds-mon-cache-max-entry-count, ds-mon-cache-max-size-bytes
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.44. ds-monitor-http-connection-handler

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.72
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<i>Names</i>	ds-monitor-http-connection-handler
<i>Description</i>	HTTP connection handler metrics
<i>Superior Classes</i>	ds-monitor-connection-handler
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-active-connections-count, ds-mon-bytes-read, ds-mon-bytes-written, ds-mon-config-dn, ds-mon-listen-address, ds-mon-protocol, ds-mon-requests-delete, ds-mon-requests-failure-client-invalid-request, ds-mon-requests-failure-client-redirect, ds-mon-requests-failure-client-security, ds-mon-requests-failure-server, ds-mon-requests-failure-uncategorized, ds-mon-requests-get, ds-mon-requests-patch, ds-mon-requests-post, ds-mon-requests-put, ds-mon-requests-uncategorized, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.45. ds-monitor-je-database

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.77
<i>Names</i>	ds-monitor-je-database
<i>Description</i>	JE database metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.46. ds-monitor-jvm

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.81
<i>Names</i>	ds-monitor-jvm
<i>Description</i>	JVM metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-jvm-architecture, ds-mon-jvm-arguments, ds-mon-jvm-available-cpus, ds-mon-jvm-class-path, ds-mon-jvm-classes-loaded, ds-mon-jvm-classes-unloaded, ds-

	<p>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</p>
<i>Optional Attributes</i>	<p>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</p>
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.47. ds-monitor-ldap-connection-handler

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.71
<i>Names</i>	ds-monitor-ldap-connection-handler

<i>Description</i>	LDAP connection handler metrics
<i>Superior Classes</i>	ds-monitor-connection-handler
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ds-mon-abandoned-requests, ds-mon-active-connections-count, ds-mon-active-persistent-searches, ds-mon-bytes-read, ds-mon-bytes-written, ds-mon-config-dn, ds-mon-connections, ds-mon-listen-address, ds-mon-protocol, ds-mon-requests-abandon, ds-mon-requests-add, ds-mon-requests-bind, ds-mon-requests-compare, ds-mon-requests-delete, ds-mon-requests-extended, ds-mon-requests-failure-client-invalid-request, ds-mon-requests-failure-client-referral, ds-mon-requests-failure-client-resource-limit, ds-mon-requests-failure-client-security, ds-mon-requests-failure-server, ds-mon-requests-failure-uncategorized, ds-mon-requests-modify, ds-mon-requests-modify-dn, ds-mon-requests-search-base, ds-mon-requests-search-one, ds-mon-requests-search-sub, ds-mon-requests-unbind, ds-mon-requests-uncategorized, objectClass
<i>Optional Attributes</i>	ds-mon-connection
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.48. ds-monitor-raw-je-database-statistics

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.95
<i>Names</i>	ds-monitor-raw-je-database-statistics
<i>Description</i>	Raw metrics exposed by a JE database
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.49. ds-monitor-remote-replica

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.90
<i>Names</i>	ds-monitor-remote-replica
<i>Description</i>	Remote replica metrics
<i>Superior Classes</i>	ds-monitor

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-current-delay, ds-mon-domain-name, ds-mon-replayed-updates, ds-mon-server-id, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.50. ds-monitor-replica-db

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.85
<i>Names</i>	ds-monitor-replica-db
<i>Description</i>	Replica database metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-newest-csn, ds-mon-newest-csn-timestamp, ds-mon-oldest-csn, ds-mon-oldest-csn-timestamp, ds-mon-server-id, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.51. ds-monitor-replica

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.91
<i>Names</i>	ds-monitor-replica
<i>Description</i>	Local replica metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-assured-sd-acknowledged-updates, ds-mon-assured-sd-sent-updates, ds-mon-assured-sd-timeout-updates, ds-mon-assured-sr-acknowledged-updates, ds-mon-assured-sr-not-acknowledged-updates, ds-mon-assured-sr-received-updates, ds-mon-assured-sr-received-updates-acked, ds-mon-assured-sr-received-updates-not-acked, ds-mon-assured-sr-replay-error-updates, ds-mon-assured-sr-sent-updates, ds-mon-assured-sr-timeout-updates, ds-mon-assured-sr-wrong-status-updates, 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
<i>Optional Attributes</i>	ds-mon-assured-sd-server-timeout-updates, ds-mon-assured-sr-server-not-acknowledged-updates
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.52. ds-monitor-server

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.76
<i>Names</i>	ds-monitor-server
<i>Description</i>	Directory Server version information and other global metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-build-time, ds-mon-compact-version, ds-mon-current-connections, ds-mon-current-time, ds-mon-full-version, ds-mon-install-path, ds-mon-instance-path, ds-mon-major-version, ds-mon-max-connections, ds-mon-minor-version, ds-mon-os-architecture, ds-mon-os-name, ds-mon-os-version, ds-mon-point-version, ds-mon-product-name, ds-mon-revision, ds-mon-short-name, ds-mon-start-time, ds-mon-system-name, ds-mon-total-connections, ds-mon-vendor-name, ds-mon-working-directory, objectClass
<i>Optional Attributes</i>	ds-mon-build-number, ds-mon-fix-ids, ds-mon-version-qualifier
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.53. ds-monitor-work-queue

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.83
<i>Names</i>	ds-monitor-work-queue
<i>Description</i>	Work queue metrics
<i>Superior Classes</i>	ds-monitor
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ds-mon-requests-in-queue, ds-mon-requests-rejected-queue-full, ds-mon-requests-submitted, objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.54. ds-monitor

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.68
<i>Names</i>	ds-monitor
<i>Description</i>	Base object class for Directory Server metrics
<i>Superior Classes</i>	top
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

7.55. ds-root-dse

Object class for the server root DSE entry.

<i>OID</i>	1.3.6.1.4.1.26027.1.2.53
<i>Names</i>	ds-root-dse
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

7.56. ds-virtual-static-group

Object class for an entry allowing a dynamic group to appear as a static group to applications.

<i>OID</i>	1.3.6.1.4.1.26027.1.2.98
<i>Names</i>	ds-virtual-static-group
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	ds-target-group-dn, objectClass
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	02-config.ldif

7.57. dSA

Represents a Directory Specific Agent, the part of a directory service that provides user agents access to directory data.

<i>OID</i>	2.5.6.13
<i>Names</i>	dSA
<i>Superior Classes</i>	applicationEntity
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, presentationAddress
<i>Optional Attributes</i>	description, knowledgeInformation, l, o, ou, seeAlso, supportedApplicationContext
<i>Origin</i>	RFC 2256
<i>Schema File</i>	00-core.ldif

7.58. DUAConfigProfile

<i>OID</i>	1.3.6.1.4.1.11.1.3.1.2.5
<i>Names</i>	DUAConfigProfile
<i>Description</i>	Abstraction of a base configuration for a DUA
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	attributeMap, authenticationMethod, bindTimeLimit, credentialLevel, defaultSearchBase, defaultSearchScope, defaultServerList, dereferenceAliases, followReferrals, objectclassMap, preferredServerList, profileTTL, searchTimeLimit, serviceAuthenticationMethod, serviceCredentialLevel, serviceSearchDescriptor
<i>Origin</i>	RFC 4876
<i>Schema File</i>	05-rfc4876.ldif

7.59. extensibleObject

Auxiliary object class that allows the entry to hold any user attribute.

Attributes required or precluded by other object classes are still required or precluded when this object class is present.

<i>OID</i>	1.3.6.1.4.1.1466.101.120.111
<i>Names</i>	extensibleObject
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	All attributes
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

7.60. friendlyCountry

Entries of this object class represent countries. This object class allows friendlier naming than allowed by the **country** object class.

<i>OID</i>	0.9.2342.19200300.100.4.18
<i>Names</i>	friendlyCountry
<i>Superior Classes</i>	country
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	c, co, objectClass
<i>Optional Attributes</i>	description, searchGuide
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.61. glue

DSEE object class for an entry restored due to a replication conflict.

<i>OID</i>	2.16.840.1.113730.3.2.30
<i>Names</i>	glue
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Origin</i>	Sun Directory Server
<i>Schema File</i>	06-compat.ldif

7.62. groupOfEntries

This object class is like the standard `groupOfNames` object class, except that the `member` attribute is optional, making it possible to have an empty group.

Note The default schema defines `groupOfNames` as if it were `groupOfEntries`, making it possible to have an empty group. This is a deviation from the standard definition.

<i>OID</i>	1.2.826.0.1.3458854.2.1.1
<i>Names</i>	groupOfEntries
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	businessCategory, description, member, o, ou, owner, seeAlso
<i>Origin</i>	draft-findlay-ldap-groupofentries
<i>Schema File</i>	00-core.ldif

7.63. groupOfNames

Note The default schema defines `groupOfNames` as if it were `groupOfEntries`, making it possible to have an empty group. This is a deviation from the standard definition, as proposed in the *LDAP groupOfEntries* Internet-Draft.

<i>OID</i>	2.5.6.9
<i>Names</i>	groupOfNames
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	businessCategory, description, member, o, ou, owner, seeAlso
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.64. groupOfUniqueNames

Represents a set of named objects, like `groupOfNames`, including information relating to the purpose or maintenance of the set. Object names are not repeated or reassigned within the set.

<i>OID</i>	2.5.6.17
<i>Names</i>	groupOfUniqueNames
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	businessCategory, description, o, ou, owner, seeAlso, uniqueMember
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.65. groupOfURLs

Object class for a dynamic group.

<i>OID</i>	2.16.840.1.113730.3.2.33
<i>Names</i>	groupOfURLs
<i>Description</i>	Sun-defined objectclass
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	businessCategory, description, memberURL, o, ou, owner, seeAlso
<i>Origin</i>	Sun Java System Directory Server
<i>Schema File</i>	00-core.ldif

7.66. ieee802Device

<i>OID</i>	1.3.6.1.1.1.2.11
<i>Names</i>	ieee802Device
<i>Description</i>	A device with a MAC address; device SHOULD be used as a structural class
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	macAddress
<i>Origin</i>	draft-howard-rfc2307bis

Schema File	04-rfc2307bis.ldif
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7.67. 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}PYiRbMHUSTvGQBnmebb6H0ltQY/ghgoU3TDSu1QhYoMomreK4o!e0jAaDLVa+2qQlZBoCBN/
T0TRfzmGi2wiIBVshZfIW4RD
description: Babs Jensen's entry
```

<i>OID</i>	2.16.840.1.113730.3.2.2
<i>Names</i>	inetOrgPerson
<i>Superior Classes</i>	organizationalPerson
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, sn
<i>Optional Attributes</i>	audio, businessCategory, carLicense, departmentNumber, description, destinationIndicator, displayName, employeeNumber, employeeType, facsimileTelephoneNumber, givenName, homePhone, homePostalAddress, initials, internationaliSDNNumber, jpegPhoto, l, labeledURI, mail, manager, mobile, o, ou, pager, photo, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, preferredLanguage, registeredAddress, roomNumber, secretary, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, title, uid, userCertificate, userPKCS12, userPassword, userSMIMECertificate, x121Address, x500UniqueIdentifier

<i>Origin</i>	RFC 2798
<i>Schema File</i>	00-core.ldif

7.68. inheritableLDAPSubEntry

<i>OID</i>	1.3.6.1.4.1.7628.5.6.1.1
<i>Names</i>	inheritableLDAPSubEntry
<i>Description</i>	Inheritable LDAP Subentry class, version 1
<i>Superior Classes</i>	ldapSubEntry
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	inheritable, objectClass
<i>Optional Attributes</i>	blockInheritance, cn
<i>Origin</i>	draft-ietf-ldup-subentry
<i>Schema File</i>	00-core.ldif

7.69. inheritedCollectiveAttributeSubentry

Object class for specifying how collective attributes are inherited.

<i>OID</i>	1.3.6.1.4.1.26027.1.2.238
<i>Names</i>	inheritedCollectiveAttributeSubentry
<i>Description</i>	Inherited Collective Attributes Subentry class
<i>Superior Classes</i>	subentry
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, inheritAttribute, objectClass, subtreeSpecification
<i>Optional Attributes</i>	collectiveConflictBehavior
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	00-core.ldif

7.70. inheritedFromDNCollectiveAttributeSubentry

Object class for specifying an entry from which a collective attribute is inherited.

<i>OID</i>	1.3.6.1.4.1.26027.1.2.239
------------	---------------------------

<i>Names</i>	inheritedFromDNCollectiveAttributeSubentry
<i>Description</i>	Inherited from DN Collective Attributes Subentry class
<i>Superior Classes</i>	inheritedCollectiveAttributeSubentry
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, inheritAttribute, inheritFromDNAttribute, objectClass, subtreeSpecification
<i>Optional Attributes</i>	collectiveConflictBehavior
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	00-core.ldif

7.71. inheritedFromRDNCollectiveAttributeSubentry

Object class for specifying a relative entry from which a collective attribute is inherited.

<i>OID</i>	1.3.6.1.4.1.26027.1.2.240
<i>Names</i>	inheritedFromRDNCollectiveAttributeSubentry
<i>Description</i>	Inherited from RDN Collective Attributes Subentry class
<i>Superior Classes</i>	inheritedCollectiveAttributeSubentry
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, inheritAttribute, inheritFromBaseRDN, inheritFromRDNAttribute, inheritFromRDNTYPE, objectClass, subtreeSpecification
<i>Optional Attributes</i>	collectiveConflictBehavior
<i>Origin</i>	OpenDS Directory Server
<i>Schema File</i>	00-core.ldif

7.72. ipHost

<i>OID</i>	1.3.6.1.1.1.2.6
<i>Names</i>	ipHost
<i>Description</i>	Abstraction of a host, an IP device. The distinguished value of the cn attribute denotes the canonical name of the host. Device SHOULD be used as a structural class
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	cn, ipHostNumber, objectClass

<i>Optional Attributes</i>	authPassword, description, l, manager, userPassword
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.73. ipNetwork

<i>OID</i>	1.3.6.1.1.1.2.7
<i>Names</i>	ipNetwork
<i>Description</i>	Abstraction of a network. The distinguished value of the cn attribute denotes the canonical name of the network
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ipNetworkNumber, objectClass
<i>Optional Attributes</i>	cn, description, ipNetmaskNumber, l, manager
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.74. ipProtocol

<i>OID</i>	1.3.6.1.1.1.2.4
<i>Names</i>	ipProtocol
<i>Description</i>	Abstraction of an IP protocol. Maps a protocol number to one or more names. The distinguished value of the cn attribute denotes the canonical name of the protocol
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ipProtocolNumber, objectClass
<i>Optional Attributes</i>	description
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.75. ipService

<i>OID</i>	1.3.6.1.1.1.2.3
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<i>Names</i>	ipService
<i>Description</i>	Abstraction an Internet Protocol service. Maps an IP port and protocol (such as tcp or udp) to one or more names; the distinguished value of the cn attribute denotes the canonical name of the service
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, ipServicePort, ipServiceProtocol, objectClass
<i>Optional Attributes</i>	description
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.76. ipTnetHost

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.9
<i>Names</i>	ipTnetHost
<i>Description</i>	Associates an IP address or wildcard with a TSOL template_name
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	ipTnetNumber, objectClass
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.77. ipTnetTemplate

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.8
<i>Names</i>	ipTnetTemplate
<i>Description</i>	Object class for TSOL network templates
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ipTnetTemplateName, objectClass
<i>Optional Attributes</i>	SolarisAttrKeyValue
<i>Origin</i>	Solaris Specific

Schema File	05-solaris.ldif
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7.78. javaContainer

Entry that contains a Java object. The entry's form is specified by an auxiliary object class.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.1
<i>Names</i>	javaContainer
<i>Description</i>	Container for a Java object
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

7.79. javaMarshaledObject

Entry that represents a marshalled Java object.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.8
<i>Names</i>	javaMarshaledObject
<i>Description</i>	Java marshalled object
<i>Superior Classes</i>	javaObject
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	javaClassName, javaSerializedData, objectClass
<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

7.80. javaNamingReference

Entry that represents a JNDI reference to a Java object.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.7
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<i>Names</i>	javaNamingReference
<i>Description</i>	JNDI reference
<i>Superior Classes</i>	javaObject
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	javaClassName, objectClass
<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc, javaFactory, javaReferenceAddress
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

7.81. javaObject

Abstract parent for entries that represent Java objects.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.4
<i>Names</i>	javaObject
<i>Description</i>	Java object representation
<i>Superior Classes</i>	top
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	javaClassName, objectClass
<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

7.82. javaSerializedObject

Entry that represents a serialized Java object.

<i>OID</i>	1.3.6.1.4.1.42.2.27.4.2.5
<i>Names</i>	javaSerializedObject
<i>Description</i>	Java serialized object
<i>Superior Classes</i>	javaObject
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	javaClassName, javaSerializedData, objectClass

<i>Optional Attributes</i>	description, javaClassNames, javaCodebase, javaDoc
<i>Origin</i>	RFC 2713
<i>Schema File</i>	03-rfc2713.ldif

7.83. labeledURIObject

Class allowing a `labeledURI` attribute, which holds a URI with an optional label, as described in RFC 2079.

<i>OID</i>	1.3.6.1.4.1.250.3.15
<i>Names</i>	labeledURIObject
<i>Description</i>	object that contains the URI attribute type
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	labeledURI
<i>Origin</i>	RFC 2079
<i>Schema File</i>	00-core.ldif

7.84. ldapSubEntry

LDAP subentries are analogous to operational attributes in that they are used by the server for administrative purposes. Examples include password policies, entries for allocating collective attributes, and the entry exposing directory schema.

Unlike entries in the server-specific configuration backend, Subentries are present in and replicated with user data. Modifying subentries nevertheless requires the `subentry-write` administrative privilege.

For details, see the Internet-Draft, *LDAP Subentry Schema* .

<i>OID</i>	2.16.840.1.113719.2.142.6.1.1
<i>Names</i>	ldapSubEntry
<i>Description</i>	LDAP Subentry class, version 1
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

<i>Optional Attributes</i>	cn
<i>Origin</i>	draft-ietf-ldup-subentry
<i>Schema File</i>	00-core.ldif

7.85. locality

The entry with this object class represents a place in the physical world.

<i>OID</i>	2.5.6.3
<i>Names</i>	locality
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	description, l, searchGuide, seeAlso, st, street
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.86. mailGroup

<i>OID</i>	2.16.840.1.113730.3.2.4
<i>Names</i>	mailGroup
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	mail, objectClass
<i>Optional Attributes</i>	cn, mgrpRFC822MailMember
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.87. namedObject

The `namedObject` structural object class is a placeholder. It is intended for use in entries that have auxiliary object classes, and for which there is no appropriate structural object class.

The Internet-Draft shows the example of a POSIX group entry:

```
dn: cn=wheel,ou=Groups,dc=padl,dc=com
objectClass: top
objectClass: namedObject
objectClass: posixGroup
cn: wheel
gidNumber: 0
memberUid: root
```

<i>OID</i>	1.3.6.1.4.1.5322.13.1.1
<i>Names</i>	namedObject
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	cn
<i>Origin</i>	draft-howard-namedobject
<i>Schema File</i>	00-core.ldif

7.88. nisDomainObject

<i>OID</i>	1.3.6.1.1.1.2.15
<i>Names</i>	nisDomainObject
<i>Description</i>	Associates a NIS domain with a naming context
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	nisDomain, objectClass
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.89. nisKeyObject

<i>OID</i>	1.3.6.1.1.1.2.14
<i>Names</i>	nisKeyObject
<i>Description</i>	An object with a public and secret key
<i>Superior Classes</i>	top

<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	cn, nisPublicKey, nisSecretKey, objectClass
<i>Optional Attributes</i>	description, uidNumber
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.90. nisMailAlias

<i>OID</i>	1.3.6.1.4.1.42.2.27.1.2.5
<i>Names</i>	nisMailAlias
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	rfc822mailMember
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.91. nisMap

<i>OID</i>	1.3.6.1.1.1.2.9
<i>Names</i>	nisMap
<i>Description</i>	A generic abstraction of a NIS map
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	nisMapName, objectClass
<i>Optional Attributes</i>	description
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.92. nisNetgroup

<i>OID</i>	1.3.6.1.1.1.2.8
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<i>Names</i>	nisNetgroup
<i>Description</i>	Abstraction of a netgroup. May refer to other netgroups
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	description, memberNisNetgroup, nisNetgroupTriple
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.93. nisNetId

<i>OID</i>	1.3.6.1.4.1.42.2.27.1.2.6
<i>Names</i>	nisNetId
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	nisNetIdGroup, nisNetIdHost, nisNetIdUser
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.94. nisObject

<i>OID</i>	1.3.6.1.1.1.2.10
<i>Names</i>	nisObject
<i>Description</i>	An entry in a NIS map
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, nisMapEntry, nisMapName, objectClass
<i>Optional Attributes</i>	description
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.95. nisplusTimeZoneData

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.12
<i>Names</i>	nisplusTimeZoneData
<i>Description</i>	NIS+ timezone table data
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	description, nisplusTimeZone
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.96. oncRpc

<i>OID</i>	1.3.6.1.1.1.2.5
<i>Names</i>	oncRpc
<i>Description</i>	Abstraction of an Open Network Computing (ONC) [RFC1057] Remote Procedure Call (RPC) binding. This class maps an ONC RPC number to a name. The distinguished value of the cn attribute denotes the canonical name of the RPC service
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, oncRpcNumber
<i>Optional Attributes</i>	description
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.97. organization

The entry with this object class represents a structured group of people.

<i>OID</i>	2.5.6.4
<i>Names</i>	organization
<i>Superior Classes</i>	top

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	o, objectClass
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.98. organizationalPerson

The entry with this object class represents a person in relation to an organization.

<i>OID</i>	2.5.6.7
<i>Names</i>	organizationalPerson
<i>Superior Classes</i>	person
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, sn
<i>Optional Attributes</i>	description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, ou, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, title, userPassword, x121Address
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.99. organizationalRole

The entry with this object class represents a job, function, or position in an organization.

<i>OID</i>	2.5.6.8
<i>Names</i>	organizationalRole
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass

<i>Optional Attributes</i>	description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, ou, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, roleOccupant, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, x121Address
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.100. organizationalUnit

The entry with this object class represents a piece of an organization.

<i>OID</i>	2.5.6.5
<i>Names</i>	organizationalUnit
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, ou
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.101. person

The entry with this object class represents a human being.

<i>OID</i>	2.5.6.6
<i>Names</i>	person
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, sn
<i>Optional Attributes</i>	description, seeAlso, telephoneNumber, userPassword
<i>Origin</i>	RFC 4519

Schema File	00-core.ldif
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7.102. pilotDSA

Object class assigning common attributes for COSINE and Internet X.500 pilot Directory System Agent (DSA) entries.

<i>OID</i>	0.9.2342.19200300.100.4.21
<i>Names</i>	pilotDSA
<i>Superior Classes</i>	dSA
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, dSAQuality, objectClass, presentationAddress
<i>Optional Attributes</i>	description, knowledgeInformation, l, o, ou, seeAlso, supportedApplicationContext
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

7.103. pilotObject

Object class assigning common attributes for COSINE and Internet X.500 pilot entries.

<i>OID</i>	0.9.2342.19200300.100.4.3
<i>Names</i>	pilotObject
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	audio, dITRedirect, info, jpegPhoto, lastModifiedBy, lastModifiedTime, manager, photo, uniqueIdentifier
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

7.104. pilotOrganization

Organization object class for COSINE and Internet X.500 pilot entries.

<i>OID</i>	0.9.2342.19200300.100.4.20
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<i>Names</i>	pilotOrganization
<i>Superior Classes</i>	organization, organizationalUnit
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	o, objectClass, ou
<i>Optional Attributes</i>	buildingName, businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

7.105. pilotPerson

Person object class for COSINE and Internet X.500 pilot entries.

<i>OID</i>	0.9.2342.19200300.100.4.4
<i>Names</i>	pilotPerson
<i>Superior Classes</i>	person
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, sn
<i>Optional Attributes</i>	businessCategory, description, drink, homePhone, homePostalAddress, janetMailbox, mail, mailPreferenceOption, mobile, organizationalStatus, otherMailbox, pager, personalSignature, personalTitle, preferredDeliveryMethod, roomNumber, secretary, seeAlso, telephoneNumber, textEncodedORAddress, uid, userClass, userPassword
<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

7.106. pkiCA

Object class for augmenting entries that act as certificate authorities, as described in X.509 clause 11.1.2.

<i>OID</i>	2.5.6.22
<i>Names</i>	pkiCA

<i>Description</i>	X.509 PKI Certificate Authority
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	authorityRevocationList, cACertificate, certificateRevocationList, crossCertificatePair
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

7.107. pkiUser

Object class for augmenting entries that may be subject to certificates, as described in X.509 clause 11.1.1.

<i>OID</i>	2.5.6.21
<i>Names</i>	pkiUser
<i>Description</i>	X.509 PKI User
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	userCertificate
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

7.108. posixAccount

<i>OID</i>	1.3.6.1.1.1.2.0
<i>Names</i>	posixAccount
<i>Description</i>	Abstraction of an account with POSIX attributes
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	cn, gidNumber, homeDirectory, objectClass, uid, uidNumber
<i>Optional Attributes</i>	authPassword, description, gecos, loginShell, userPassword

<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.109. posixGroup

<i>OID</i>	1.3.6.1.1.1.2.2
<i>Names</i>	posixGroup
<i>Description</i>	Abstraction of a group of accounts
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	gidNumber, objectClass
<i>Optional Attributes</i>	authPassword, description, memberUid, userPassword
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.110. printerAbstract

<i>OID</i>	1.3.18.0.2.6.258
<i>Names</i>	printerAbstract
<i>Description</i>	Printer related information.
<i>Superior Classes</i>	top
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	printer-charset-configured, printer-charset-supported, printer-color-supported, printer-compression-supported, printer-copies-supported, printer-current-operator, printer-delivery-orientation-supported, printer-document-format-supported, printer-finishings-supported, printer-generated-natural-language-supported, printer-info, printer-job-k-octets-supported, printer-job-priority-supported, printer-location, printer-make-and-model, printer-media-local-supported, printer-media-supported, printer-more-info, printer-multiple-document-jobs-supported, printer-name, printer-natural-language-configured, printer-number-up-supported, printer-output-features-supported, printer-pages-per-minute, printer-pages-per-minute-color, printer-print-quality-supported, printer-resolution-supported, printer-service-person, printer-sides-supported, printer-stacking-order-supported
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

7.111. printerIPP

<i>OID</i>	1.3.18.0.2.6.256
<i>Names</i>	printerIPP
<i>Description</i>	Internet Printing Protocol (IPP) information.
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	printer-ipp-versions-supported, printer-multiple-document-jobs-supported
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

7.112. printerLPR

<i>OID</i>	1.3.18.0.2.6.253
<i>Names</i>	printerLPR
<i>Description</i>	LPR information.
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, printer-name
<i>Optional Attributes</i>	printer-aliases
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

7.113. printerService

<i>OID</i>	1.3.18.0.2.6.255
<i>Names</i>	printerService
<i>Description</i>	Printer information.
<i>Superior Classes</i>	printerAbstract
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass

<i>Optional Attributes</i>	printer-charset-configured, printer-charset-supported, printer-color-supported, printer-compression-supported, printer-copies-supported, printer-current-operator, printer-delivery-orientation-supported, printer-document-format-supported, printer-finishings-supported, printer-generated-natural-language-supported, printer-info, printer-job-k-octets-supported, printer-job-priority-supported, printer-location, printer-make-and-model, printer-media-local-supported, printer-media-supported, printer-more-info, printer-multiple-document-jobs-supported, printer-name, printer-natural-language-configured, printer-number-up-supported, printer-output-features-supported, printer-pages-per-minute, printer-pages-per-minute-color, printer-print-quality-supported, printer-resolution-supported, printer-service-person, printer-sides-supported, printer-stacking-order-supported, printer-uri, printer-xri-supported
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

7.114. printerServiceAuxClass

<i>OID</i>	1.3.18.0.2.6.257
<i>Names</i>	printerServiceAuxClass
<i>Description</i>	Printer information.
<i>Superior Classes</i>	printerAbstract
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	printer-charset-configured, printer-charset-supported, printer-color-supported, printer-compression-supported, printer-copies-supported, printer-current-operator, printer-delivery-orientation-supported, printer-document-format-supported, printer-finishings-supported, printer-generated-natural-language-supported, printer-info, printer-job-k-octets-supported, printer-job-priority-supported, printer-location, printer-make-and-model, printer-media-local-supported, printer-media-supported, printer-more-info, printer-multiple-document-jobs-supported, printer-name, printer-natural-language-configured, printer-number-up-supported, printer-output-features-supported, printer-pages-per-minute, printer-pages-per-minute-color, printer-print-quality-supported, printer-resolution-supported, printer-service-person, printer-sides-supported, printer-stacking-order-supported, printer-uri, printer-xri-supported
<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

7.115. pwdPolicy

Password policy that is part of the directory data and can be replicated.

<i>OID</i>	1.3.6.1.4.1.42.2.27.8.2.1
<i>Names</i>	pwdPolicy
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, pwdAttribute
<i>Optional Attributes</i>	pwdAllowUserChange, pwdCheckQuality, pwdExpireWarning, pwdFailureCountInterval, pwdGraceAuthNLimit, pwdInHistory, pwdLockout, pwdLockoutDuration, pwdMaxAge, pwdMaxFailure, pwdMinAge, pwdMinLength, pwdMustChange, pwdSafeModify
<i>Origin</i>	draft-behera-ldap-password-policy
<i>Schema File</i>	01-pwpolicy.ldif

7.116. pwdValidatorPolicy

Object class for an entry that specifies a password validation policy.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.2.18
<i>Names</i>	pwdValidatorPolicy
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, ds-cfg-password-validator
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	03-pwpolicyextension.ldif

7.117. qualityLabelledData

Object class assigning common data quality attributes to subtrees in the DIT.

<i>OID</i>	0.9.2342.19200300.100.4.22
<i>Names</i>	qualityLabelledData
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dSAQuality, objectClass
<i>Optional Attributes</i>	subtreeMaximumQuality, subtreeMinimumQuality

<i>Origin</i>	RFC 1274
<i>Schema File</i>	00-core.ldif

7.118. referral

Represents a subordinate reference in the directory, in other words an entry that refers to another entry.

Use this object class with `extensibleObject` to allow the entry to support the naming attributes used in its DN.

<i>OID</i>	2.16.840.1.113730.3.2.6
<i>Names</i>	referral
<i>Description</i>	named subordinate reference object
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	ref
<i>Origin</i>	RFC 3296
<i>Schema File</i>	00-core.ldif

7.119. residentialPerson

The entry with this object class represents a person's residence in representation of the person.

<i>OID</i>	2.5.6.10
<i>Names</i>	residentialPerson
<i>Superior Classes</i>	person
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, l, objectClass, sn
<i>Optional Attributes</i>	businessCategory, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, seeAlso, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.120. rFC822LocalPart

Entries of this object class represent the local part of Internet mail addresses as described in RFC 2822.

The local part of the address is handled like a `domain` entry.

<i>OID</i>	0.9.2342.19200300.100.4.14
<i>Names</i>	rFC822LocalPart
<i>Superior Classes</i>	domain
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	dc, objectClass
<i>Optional Attributes</i>	associatedName, businessCategory, cn, description, destinationIndicator, facsimileTelephoneNumber, internationaliSDNNumber, l, o, physicalDeliveryOfficeName, postOfficeBox, postalAddress, postalCode, preferredDeliveryMethod, registeredAddress, searchGuide, seeAlso, sn, st, street, telephoneNumber, teletexTerminalIdentifier, telexNumber, userPassword, x121Address
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.121. room

Entries of this object class represent rooms with `cn` as the naming attribute.

<i>OID</i>	0.9.2342.19200300.100.4.7
<i>Names</i>	room
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	description, roomNumber, seeAlso, telephoneNumber
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.122. sambaConfig

<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.10
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<i>Names</i>	sambaConfig
<i>Description</i>	Samba Configuration Section
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	description
<i>Schema File</i>	05-samba.ldif

7.123. sambaConfigOption

<i>OID</i>	1.3.6.1.4.1.7165.2.2.12
<i>Names</i>	sambaConfigOption
<i>Description</i>	Samba Configuration Option
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaOptionName
<i>Optional Attributes</i>	description, sambaBoolOption, sambaIntegerOption, sambaStringListOption, sambaStringOption
<i>Schema File</i>	05-samba.ldif

7.124. sambaDomain

<i>OID</i>	1.3.6.1.4.1.7165.2.2.5
<i>Names</i>	sambaDomain
<i>Description</i>	Samba Domain Information
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaDomainName, sambaSID
<i>Optional Attributes</i>	sambaAlgorithmicRidBase, sambaForceLogoff, sambaLockoutDuration, sambaLockoutObservationWindow, sambaLockoutThreshold, sambaLogonToChgPwd, sambaMaxPwdAge, sambaMinPwdAge, sambaMinPwdLength, sambaNextGroupRid, sambaNextRid, sambaNextUserRid, sambaPwdHistoryLength, sambaRefuseMachinePwdChange

Schema File	05-samba.ldif
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7.125. sambaGroupMapping

<i>OID</i>	1.3.6.1.4.1.7165.2.2.4
<i>Names</i>	sambaGroupMapping
<i>Description</i>	Samba Group Mapping
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	gidNumber, objectClass, sambaGroupType, sambaSID
<i>Optional Attributes</i>	description, displayName, sambaSIDList
<i>Schema File</i>	05-samba.ldif

7.126. sambaldmapEntry

<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.8
<i>Names</i>	sambaldmapEntry
<i>Description</i>	Mapping from a SID to an ID
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, sambaSID
<i>Optional Attributes</i>	gidNumber, uidNumber
<i>Schema File</i>	05-samba.ldif

7.127. sambaPrivilege

<i>OID</i>	1.3.6.1.4.1.7165.2.2.13
<i>Names</i>	sambaPrivilege
<i>Description</i>	Samba Privilege
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, sambaSID

<i>Optional Attributes</i>	sambaPrivilegeList
<i>Schema File</i>	05-samba.ldif

7.128. sambaSamAccount

<i>OID</i>	1.3.6.1.4.1.7165.2.2.6
<i>Names</i>	sambaSamAccount
<i>Description</i>	Samba 3.0 Auxilary SAM Account
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, sambaSID, uid
<i>Optional Attributes</i>	cn, description, displayName, sambaAcctFlags, sambaBadPasswordCount, sambaBadPasswordTime, sambaDomainName, sambaHomeDrive, sambaHomePath, sambaKickoffTime, sambaLMPassword, sambaLogoffTime, sambaLogonHours, sambaLogonScript, sambaLogonTime, sambaMungedDial, sambaNTPassword, sambaPasswordHistory, sambaPrimaryGroupSID, sambaProfilePath, sambaPwdCanChange, sambaPwdLastSet, sambaPwdMustChange, sambaUserWorkstations
<i>Schema File</i>	05-samba.ldif

7.129. sambaShare

<i>OID</i>	1.3.6.1.4.1.7165.2.2.11
<i>Names</i>	sambaShare
<i>Description</i>	Samba Share Section
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaShareName
<i>Optional Attributes</i>	description
<i>Schema File</i>	05-samba.ldif

7.130. sambaSidEntry

<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.9
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<i>Names</i>	sambaSidEntry
<i>Description</i>	Structural Class for a SID
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaSID
<i>Schema File</i>	05-samba.ldif

7.131. sambaTrustPassword

<i>OID</i>	1.3.6.1.4.1.7165.2.2.14
<i>Names</i>	sambaTrustPassword
<i>Description</i>	Samba Trust Password
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, sambaDomainName, sambaNTPassword, sambaTrustFlags
<i>Optional Attributes</i>	sambaPwdLastSet, sambaSID
<i>Schema File</i>	05-samba.ldif

7.132. sambaUnixIdPool

<i>OID</i>	1.3.6.1.4.1.7165.1.2.2.7
<i>Names</i>	sambaUnixIdPool
<i>Description</i>	Pool for allocating UNIX uids/gids
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	gidNumber, objectClass, uidNumber
<i>Schema File</i>	05-samba.ldif

7.133. shadowAccount

<i>OID</i>	1.3.6.1.1.1.2.1
<i>Names</i>	shadowAccount

<i>Description</i>	Additional attributes for shadow passwords
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, uid
<i>Optional Attributes</i>	authPassword, description, shadowExpire, shadowFlag, shadowInactive, shadowLastChange, shadowMax, shadowMin, shadowWarning, userPassword
<i>Origin</i>	draft-howard-rfc2307bis
<i>Schema File</i>	04-rfc2307bis.ldif

7.134. simpleSecurityObject

Entries of this object class require that the entry have a `userPassword` attribute when the `userPassword` attribute is not required or allowed by the structural object class chain.

<i>OID</i>	0.9.2342.19200300.100.4.19
<i>Names</i>	simpleSecurityObject
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, userPassword
<i>Origin</i>	RFC 4524
<i>Schema File</i>	00-core.ldif

7.135. slpService

Parent class for Service Location Protocol (SLP) objects. Specific service types inherit from this class and define their own attributes. They are structural object classes.

SLP service type templates have the following properties:

template-type

Defines the service type of the template. The service type can reflect:

- A simple service, for example `service:ftp`
- An abstract service type, for example `service:printer`
- An concrete service type, for example `service:printer:lpr`

- A service with a naming authority, for example `service:printer.sun:local`

This definition is used as the name of the LDAP object class for the template. To translate the service type name, `:` and `.` are replaced with `-`. For example, `service:printer.sun:local` becomes the object class name `service-printer-sun-local`.

template-version

String containing a major and minor version number, separated by `.`

template-description

Block of human-readable text describing what the service does.

template-url-syntax

ABNF grammar describing the service type specific part of the service URL.

<i>OID</i>	1.3.6.1.4.1.6252.2.27.6.2.1
<i>Names</i>	slpService
<i>Description</i>	parent superclass for SLP services
<i>Superior Classes</i>	top
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	description, objectClass, service-advert-scopes, service-advert-service-type, template-major-version-number, template-minor-version-number, template-url-syntax
<i>Optional Attributes</i>	service-advert-attribute-authenticator, service-advert-url-authenticator
<i>Origin</i>	RFC 2926
<i>Schema File</i>	03-rfc2926.ldif

7.136. slpServicePrinter

<i>OID</i>	1.3.18.0.2.6.254
<i>Names</i>	slpServicePrinter
<i>Description</i>	Service Location Protocol (SLP) information.
<i>Superior Classes</i>	slpService
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	description, objectClass, service-advert-scopes, service-advert-service-type, template-major-version-number, template-minor-version-number, template-url-syntax
<i>Optional Attributes</i>	service-advert-attribute-authenticator, service-advert-url-authenticator

<i>Origin</i>	RFC 3712
<i>Schema File</i>	03-rfc3712.ldif

7.137. SolarisAuditUser

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.2
<i>Names</i>	SolarisAuditUser
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	SolarisAuditAlways, SolarisAuditNever
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.138. SolarisAuthAttr

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.4
<i>Names</i>	SolarisAuthAttr
<i>Description</i>	Authorizations data
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrLongDesc, SolarisAttrReserved1, SolarisAttrReserved2, SolarisAttrShortDesc
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.139. SolarisExecAttr

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.6
<i>Names</i>	SolarisExecAttr
<i>Description</i>	Profiles execution attributes
<i>Superior Classes</i>	top

<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrReserved1, SolarisAttrReserved2, SolarisKernelSecurityPolicy, SolarisProfileId, SolarisProfileType
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.140. SolarisNamingProfile

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.7
<i>Names</i>	SolarisNamingProfile
<i>Description</i>	Solaris LDAP Naming client profile objectClass
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	SolarisLDAPServers, SolarisSearchBaseDN, cn, objectClass
<i>Optional Attributes</i>	SolarisAuthMethod, SolarisBindDN, SolarisBindPassword, SolarisBindTimeLimit, SolarisCacheTTL, SolarisCertificatePassword, SolarisCertificatePath, SolarisDataSearchDN, SolarisPreferredServer, SolarisPreferredServerOnly, SolarisSearchReferral, SolarisSearchScope, SolarisSearchTimeLimit, SolarisTransportSecurity
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.141. SolarisProfAttr

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.5
<i>Names</i>	SolarisProfAttr
<i>Description</i>	Profiles data
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrLongDesc, SolarisAttrReserved1, SolarisAttrReserved2
<i>Origin</i>	Solaris Specific

Schema File	05-solaris.ldif
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7.142. SolarisProject

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.1
<i>Names</i>	SolarisProject
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	SolarisProjectID, SolarisProjectName, objectClass
<i>Optional Attributes</i>	SolarisProjectAttr, description, memberGid, memberUid
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.143. SolarisUserAttr

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.3
<i>Names</i>	SolarisUserAttr
<i>Description</i>	User attributes
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	SolarisAttrKeyValue, SolarisAttrReserved1, SolarisAttrReserved2, SolarisUserQualifier
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.144. 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 [pkidUser](#) instead.

<i>OID</i>	2.5.6.15
------------	----------

<i>Names</i>	strongAuthenticationUser
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, userCertificate
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

7.145. subentry

Subentries are analogous to operational attributes in that they are used by the server for administrative purposes. Examples include password policies, entries for allocating collective attributes, and the entry exposing directory schema.

Unlike entries in the server-specific configuration backend, Subentries are present in and replicated with user data. Modifying subentries nevertheless requires the `subentry-write` administrative privilege.

For details, see RFC 3672, *Subentries in the Lightweight Directory Access Protocol* .

<i>OID</i>	2.5.17.0
<i>Names</i>	subentry
<i>Description</i>	LDAP Subentry class
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	cn, objectClass, subtreeSpecification
<i>Origin</i>	RFC 3672
<i>Schema File</i>	00-core.ldif

7.146. subschema

Auxiliary object class for entries holding LDAP schema definitions.

<i>OID</i>	2.5.20.1
<i>Names</i>	subschema
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Optional Attributes</i>	attributeTypes, dITContentRules, dITStructureRules, matchingRuleUse, matchingRules, nameForms, objectClasses

<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

7.147. sunPrinter

<i>OID</i>	1.3.6.1.4.1.42.2.27.5.2.14
<i>Names</i>	sunPrinter
<i>Description</i>	Sun printer information
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, printer-name
<i>Optional Attributes</i>	sun-printer-bsdaddr, sun-printer-kvp
<i>Origin</i>	Solaris Specific
<i>Schema File</i>	05-solaris.ldif

7.148. top

The top-level object class, which is the abstract parent of all structural object class hierarchies.

<i>OID</i>	2.5.6.0
<i>Names</i>	top
<i>Class Type</i>	ABSTRACT: for use when defining other object classes.
<i>Required Attributes</i>	objectClass
<i>Origin</i>	RFC 4512
<i>Schema File</i>	00-core.ldif

7.149. uddiAddress

This entry represents an address contained by a UDDI contact.

<i>OID</i>	1.3.6.1.1.10.6.3
<i>Names</i>	uddiAddress
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.

<i>Required Attributes</i>	objectClass, uddiUUID
<i>Optional Attributes</i>	uddiAddressLine, uddiLang, uddiSortCode, uddiTModelKey, uddiUseType, uddiv3TModelKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.150. uddiBindingTemplate

This entry represents a UDDI binding template.

<i>OID</i>	1.3.6.1.1.10.6.5
<i>Names</i>	uddiBindingTemplate
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiBindingKey
<i>Optional Attributes</i>	uddiAccessPoint, uddiCategoryBag, uddiDescription, uddiHostingRedirector, uddiServiceKey, uddiv3BindingKey, uddiv3DigitalSignature, uddiv3EntityCreationTime, uddiv3NodeId, uddiv3ServiceKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.151. uddiBusinessEntity

This entry represents a UDDI business entity.

<i>OID</i>	1.3.6.1.1.10.6.1
<i>Names</i>	uddiBusinessEntity
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiBusinessKey, uddiName
<i>Optional Attributes</i>	uddiAuthorizedName, uddiCategoryBag, uddiDescription, uddiDiscoveryURLs, uddiIdentifierBag, uddiOperator, uddiv3BusinessKey, uddiv3DigitalSignature, uddiv3EntityModificationTime, uddiv3NodeId
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.152. uddiBusinessService

This entry represents a UDDI business service.

<i>OID</i>	1.3.6.1.1.10.6.4
<i>Names</i>	uddiBusinessService
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiServiceKey
<i>Optional Attributes</i>	uddiBusinessKey, uddiCategoryBag, uddiDescription, uddiIsProjection, uddiName, uddiv3BusinessKey, uddiv3DigitalSignature, uddiv3EntityCreationTime, uddiv3EntityModificationTime, uddiv3NodeId, uddiv3ServiceKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.153. uddiContact

This entry represents a contact contained by a UDDI business entity.

<i>OID</i>	1.3.6.1.1.10.6.2
<i>Names</i>	uddiContact
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiPersonName, uddiUUID
<i>Optional Attributes</i>	uddiDescription, uddiEMail, uddiPhone, uddiUseType
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.154. uddiPublisherAssertion

This entry represents a UDDI publisher assertion.

<i>OID</i>	1.3.6.1.1.10.6.8
<i>Names</i>	uddiPublisherAssertion
<i>Superior Classes</i>	top

<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiFromKey, uddiKeyedReference, uddiToKey, uddiUUID
<i>Optional Attributes</i>	uddiv3DigitalSignature, uddiv3NodeId
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.155. uddiTModel

This entry represents a UDDI template model.

<i>OID</i>	1.3.6.1.1.10.6.7
<i>Names</i>	uddiTModel
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiName, uddiTModelKey
<i>Optional Attributes</i>	uddiAuthorizedName, uddiCategoryBag, uddiDescription, uddiIdentifierBag, uddiIsHidden, uddiOperator, uddiOverviewDescription, uddiOverviewURL, uddiv3DigitalSignature, uddiv3NodeId, uddiv3TModelKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.156. uddiTModelInstanceInfo

This entry represents a UDDI template model instance info object.

<i>OID</i>	1.3.6.1.1.10.6.6
<i>Names</i>	uddiTModelInstanceInfo
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiTModelKey
<i>Optional Attributes</i>	uddiDescription, uddiInstanceDescription, uddiInstanceParms, uddiOverviewDescription, uddiOverviewURL, uddiv3TModelKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.157. uddiv3EntityObituary

This entry represents a UDDI entity obituary that contains information for a deleted UDDIv3 entity.

<i>OID</i>	1.3.6.1.1.10.6.10
<i>Names</i>	uddiv3EntityObituary
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiUUID, uddiv3EntityKey
<i>Optional Attributes</i>	uddiAuthorizedName, uddiv3EntityCreationTime, uddiv3EntityDeletionTime, uddiv3NodeId
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.158. uddiv3Subscription

This entry represents a UDDI subscription entity.

<i>OID</i>	1.3.6.1.1.10.6.9
<i>Names</i>	uddiv3Subscription
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass, uddiUUID, uddiv3SubscriptionFilter
<i>Optional Attributes</i>	uddiAuthorizedName, uddiv3BindingKey, uddiv3BriefResponse, uddiv3ExpiresAfter, uddiv3MaxEntities, uddiv3NodeId, uddiv3NotificationInterval, uddiv3SubscriptionKey
<i>Origin</i>	RFC 4403
<i>Schema File</i>	03-uddiv3.ldif

7.159. uidObject

This object class permits the entry to contain user identification information.

<i>OID</i>	1.3.6.1.1.3.1
<i>Names</i>	uidObject
<i>Superior Classes</i>	top

<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass, uid
<i>Origin</i>	RFC 4519
<i>Schema File</i>	00-core.ldif

7.160. untypedObject

<i>OID</i>	1.3.6.1.4.1.26027.1.2.900
<i>Names</i>	untypedObject
<i>Description</i>	Entry of no particular type
<i>Superior Classes</i>	top
<i>Class Type</i>	STRUCTURAL: for structural specification of the DIT. Entries have only one structural object class superclass chain.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	c, cn, dc, description, l, o, ou, owner, seeAlso, st, street, uid
<i>Origin</i>	draft-furusest-ldap-untypedobject
<i>Schema File</i>	00-core.ldif

7.161. userSecurityInformation

Object class for augmenting entries with additional security information, as described in X.521 clause 6.16.

<i>OID</i>	2.5.6.18
<i>Names</i>	userSecurityInformation
<i>Superior Classes</i>	top
<i>Class Type</i>	AUXILIARY: for use in augmenting attributes of entries that already have a structural object class.
<i>Required Attributes</i>	objectClass
<i>Optional Attributes</i>	supportedAlgorithms
<i>Origin</i>	RFC 4523
<i>Schema File</i>	00-core.ldif

Chapter 8

Syntaxes

8.1. Attribute Type Description

Values of this syntax define attribute types.

The syntax corresponds to the `AttributeTypeDescription` ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.3
<i>Description</i>	Attribute Type Description
<i>Origin</i>	RFC 4517

8.2. Authentication Password Syntax

Values of this syntax hold encoded or hashed passwords.

The syntax follows this ABNF:

```

authPasswordValue = w scheme s authInfo s authValue w
scheme = %x30-39 / %x41-5A / %x2D-2F / %x5F
        ; 0-9, A-Z, "-", ".", "/", or "_"
authInfo = schemeSpecificValue
authValue = schemeSpecificValue
        schemeSpecificValue = *( %x21-23 / %x25-7E )
        ; printable ASCII less "$" and " "
s = w SEP w
w = *SP
SEP = %x24 ; "$"
SP = %x20 ; " " (space)

```

The `scheme` describes the mechanism.

The `authInfo` is often base64-encoded salt.

The `authValue` is often a base64-encoded value derived from the password(s).

<i>OID</i>	1.3.6.1.4.1.4203.1.1.2
------------	------------------------

<i>Description</i>	Authentication Password Syntax
<i>Origin</i>	RFC 3112

8.3. Binary

Values of this syntax hold binary values.

The values are BER-encoded instances of an attribute value ASN.1 data type for X.500, where the first byte inside the OCTET STRING wrapper is a tag octet, and the OCTET STRING is encoded in primitive form.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.5
<i>Description</i>	Binary
<i>Origin</i>	RFC 4517

8.4. Bit String

Values of this syntax hold a sequence of binary digits.

The syntax follows this ABNF, corresponding to the BIT STRING ASN.1 type:

```
BitString    = SQUOTE *binary-digit SQUOTE "B"
binary-digit = "0" / "1"
```

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.6
<i>Description</i>	Bit String
<i>Origin</i>	RFC 4517

8.5. Boolean

Values of this syntax hold a Boolean value, either **TRUE** or **FALSE**.

The syntax follows the BOOLEAN ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.7
<i>Description</i>	Boolean

<i>Origin</i>	RFC 4517
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8.6. Certificate

Values of this syntax hold an X.509 certificate.

Request values using the binary option for the attribute description, such as `userCertificate;binary`.

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.8
<i>Description</i>	Certificate
<i>Origin</i>	RFC 4523

8.7. Certificate List

Values of this syntax hold an X.509 `CertificateList` as described in X.509, clause 7.3.

Request values using the binary option for the attribute description, such as `certificateRevocationList;binary`.

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.9
<i>Description</i>	Certificate List
<i>Origin</i>	RFC 4523

8.8. Certificate Pair

Values of this syntax hold an X.509 `CertificatePair` as described in X.509, clause 11.2.3.

Request values using the binary option for the attribute description, such as `crossCertificatePair;binary`.

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.10
------------	-------------------------------

<i>Description</i>	Certificate Pair
<i>Origin</i>	RFC 4523

8.9. Collective Conflict Behavior

Values of this syntax indicate how to handle conflicts between real (stored) and virtual (computed) attribute values.

<i>OID</i>	1.3.6.1.4.1.26027.1.3.6
<i>Description</i>	Collective Conflict Behavior
<i>Acceptable Values</i>	real-overrides-virtual, virtual-overrides-real, merge-real-and-virtual
<i>Schema File</i>	00-core.ldif

8.10. Counter metric

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.10
<i>Description</i>	Counter metric
<i>Substitute Syntax</i>	Integer
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

8.11. Country String

Values of this syntax hold two-character country codes as defined in the ISO 3166 standard.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.11
<i>Description</i>	Country String
<i>Origin</i>	RFC 4517

8.12. CSN (Change Sequence Number)

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.9
<i>Description</i>	CSN (Change Sequence Number)
<i>Substitute Syntax</i>	Directory String
<i>Origin</i>	OpenDJ Directory Server

Schema File	02-config.ldif
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8.13. Delivery Method

Values of this syntax have values that are sequences of items that indicate the service(s) by which an entity can receive messages, in order of preference.

The syntax follows this ABNF:

```
DeliveryMethod = pdm *( WSP DOLLAR WSP pdm )
pdm             = "any" / "mhs" / "physical" / "telex" / "teletex" /
                "g3fax" / "g4fax" / "ia5" / "videotex" / "telephone"
WSP            = 0*SPACE ; zero or more " "
DOLLAR        = %x24 ; dollar sign ("$")
SPACE         = %x20 ; space (" ")
```

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.14
<i>Description</i>	Delivery Method
<i>Origin</i>	RFC 4517

8.14. Directory String

Values of this syntax hold strings of one or more arbitrary characters from the Universal Character Set (UCS). A zero-length character string is not permitted for this syntax.

LDAP encodes these values in UTF-8, as specified in RFC 3629.

Client applications must accept arbitrary UCS code points, including code points outside the printable range, and code points not presently assigned to any character.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.15
<i>Description</i>	Directory String
<i>Origin</i>	RFC 4517

8.15. DIT Content Rule Description

Values of this syntax define DIT content rules.

The syntax corresponds to the [DITContentRuleDescription](#) ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.16
------------	-------------------------------

<i>Description</i>	DIT Content Rule Description
<i>Origin</i>	RFC 4517

8.16. DIT Structure Rule Description

Values of this syntax define DIT structure rules.

The syntax corresponds to the [DITStructureRuleDescription](#) ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.17
<i>Description</i>	DIT Structure Rule Description
<i>Origin</i>	RFC 4517

8.17. DN

Values of this syntax hold the distinguished name (DN) of an entry.

The syntax corresponds to the [DistinguishedName](#) ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.12
<i>Description</i>	DN
<i>Origin</i>	RFC 4517

8.18. Duration in milli-seconds

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.4
<i>Description</i>	Duration in milli-seconds
<i>Substitute Syntax</i>	Integer
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

8.19. Enhanced Guide

Values of this syntax suggest criteria to be used in constructing filters to search for entries of a particular object class. The criteria are combinations of attribute types and filter operators.

For example, the value `person#(sn$EQ)#oneLevel` suggests searching for `person` entries with an equality filter to match `surname` (SN) attribute values with a scope of one level below the base DN.

The syntax follows this ABNF:

```

EnhancedGuide = object-class SHARP WSP criteria WSP
                SHARP WSP subset
object-class = WSP oid WSP
subset       = "baseobject" / "oneLevel" / "wholeSubtree"

criteria     = and-term *( BAR and-term )
and-term     = term *( AMPERSAND term )
term         = EXCLAIM term /
                attributetype DOLLAR match-type /
                LPAREN criteria RPAREN /
                true /
                false
match-type   = "EQ" / "SUBSTR" / "GE" / "LE" / "APPROX"
true         = "?true"
false        = "?false"
BAR          = %x7C ; vertical bar ("|")
AMPERSAND    = %x26 ; ampersand("&")
EXCLAIM      = %x21 ; exclamation mark ("!")

WSP          = 0*SPACE ; zero or more " "
DOLLAR       = %x24 ; dollar sign("$")
SPACE        = %x20 ; space(" ")
SHARP        = %x23 ; octothorpe (or sharp sign)("#")
LPAREN       = %x28 ; left paren("(")
RPAREN       = %x29 ; right paren(")")

attributetype = oid
oid           = descr / numericoid
descr         = keystring
numericoid    = number 1*( DOT number )
keystring     = leadkeychar *keychar
leadkeychar   = ALPHA
keychar       = ALPHA / DIGIT / HYPHEN
number        = DIGIT / ( LDIGIT 1*DIGIT )
ALPHA         = %x41-5A / %x61-7A ; "A"- "Z" / "a"- "z"
DIGIT         = %x30 / LDIGIT ; "0"- "9"
LDIGIT        = %x31-39 ; "1"- "9"
HEX           = DIGIT / %x41-46 / %x61-66 ; "0"- "9" / "A"- "F" / "a"- "f"
    
```

The syntax corresponds to the [EnhancedGuide](#) ASN.1 type defined by X.520.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.21
<i>Description</i>	Enhanced Guide
<i>Origin</i>	RFC 4517

8.20. Expression syntax for Boolean

Values of this syntax hold either a Boolean value, or a configuration expression that evaluates to a Boolean value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.7
<i>Description</i>	Expression syntax for Boolean
<i>Origin</i>	OpenDJ Directory Server

8.21. Expression syntax for Certificate

Values of this syntax hold either an X.509 certificate value, or a configuration expression that evaluates to an X.509 certificate value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.8
<i>Description</i>	Expression syntax for Certificate
<i>Origin</i>	OpenDJ Directory Server

8.22. Expression syntax for Directory String

Values of this syntax hold either an LDAP directory string value, or a configuration expression that evaluates to an LDAP directory string value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.15
<i>Description</i>	Expression syntax for Directory String
<i>Origin</i>	OpenDJ Directory Server

8.23. Expression syntax for DN

Values of this syntax hold either a DN value, or a configuration expression that evaluates to a DN value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.12
<i>Description</i>	Expression syntax for DN
<i>Origin</i>	OpenDJ Directory Server

8.24. Expression syntax for Generalized Time

Values of this syntax hold either a generalized time value, or a configuration expression that evaluates to a generalized time value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.24
<i>Description</i>	Expression syntax for Generalized Time
<i>Origin</i>	OpenDJ Directory Server

8.25. Expression syntax for IA5 String

Values of this syntax hold either an IA5 string value, or a configuration expression that evaluates to an IA5 string value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.26
<i>Description</i>	Expression syntax for IA5 String
<i>Origin</i>	OpenDJ Directory Server

8.26. Expression syntax for Integer

Values of this syntax hold either an integer value, or a configuration expression that evaluates to an integer value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.27
<i>Description</i>	Expression syntax for Integer
<i>Origin</i>	OpenDJ Directory Server

8.27. Expression syntax for Numeric String

Values of this syntax hold either a numeric string value, or a configuration expression that evaluates to a numeric string value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.36
<i>Description</i>	Expression syntax for Numeric String
<i>Origin</i>	OpenDJ Directory Server

8.28. Expression syntax for Octet String

Values of this syntax hold either an octet string value, or a configuration expression that evaluates to an octet string value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.40
<i>Description</i>	Expression syntax for Octet String
<i>Origin</i>	OpenDJ Directory Server

8.29. Expression syntax for OID

Values of this syntax hold either an OID value, or a configuration expression that evaluates to an OID value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.38
<i>Description</i>	Expression syntax for OID
<i>Origin</i>	OpenDJ Directory Server

8.30. Expression syntax for Sun-defined Access Control Information

Values of this syntax hold either an access control instruction, or a configuration expression that evaluates to an access control instruction.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.14
<i>Description</i>	Expression syntax for Sun-defined Access Control Information
<i>Origin</i>	OpenDJ Directory Server

8.31. Expression syntax for User Password

Values of this syntax hold either an encoded password value, or a configuration expression that evaluates to an encoded password value.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.3.11
<i>Description</i>	Expression syntax for User Password
<i>Origin</i>	OpenDJ Directory Server

8.32. Facsimile Telephone Number

Values of this syntax hold fax telephone numbers with optional additional fax parameters.

The syntax follows this ABNF:

```

fax-number      = telephone-number *( DOLLAR fax-parameter )
telephone-number = PrintableString
fax-parameter   = "twoDimensional" /
                  "fineResolution" /
                  "unlimitedLength" /
                  "b4Length" /
                  "a3Width" /
                  "b4Width" /
                  "uncompressed"
    
```

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.22
<i>Description</i>	Facsimile Telephone Number
<i>Origin</i>	RFC 4517

8.33. Fax

Values of this syntax hold fax images produced by the Group 3 facsimile process, as described in *Terminal Equipment and Protocols for Telematic Services*, ITU-T Recommendation T.4.

The ASN.1 type corresponds to this Fax syntax, assuming EXPLICIT TAGS:

```

Fax ::= CHOICE {
    g3-facsimile [3] G3FacsimileBodyPart
}
    
```

The `G3FacsimileBodyPart` ASN.1 type is defined by X.420.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.23
<i>Description</i>	Fax
<i>Origin</i>	RFC 4517

8.34. Filesystem path

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.8
<i>Description</i>	Filesystem path
<i>Substitute Syntax</i>	Directory String

<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

8.35. 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.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.24
<i>Description</i>	Generalized Time
<i>Origin</i>	RFC 4517

8.36. Guide

Values of this syntax suggest criteria to be used in constructing filters to search for entries of a particular object class. The criteria are combinations of attribute types and filter operators.

This syntax is considered obsolete, and should not be used when defining new attribute types. The alternative is [EnhancedGuide](#).

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.25
<i>Description</i>	Guide
<i>Origin</i>	RFC 4517

8.37. Host port

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.11
<i>Description</i>	Host port
<i>Substitute Syntax</i>	Directory String
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

8.38. IA5 String

Values of this syntax hold strings of zero or more characters from International Alphabet 5 (IA5), the international version of the ASCII character set. The set is defined in *International Reference Alphabet (IRA) (Formerly International Alphabet No. 5 or IA5) Information Technology - 7-Bit Coded Character Set for Information Interchange*, ITU-T Recommendation T.50.

The syntax follows this ABNF:

```
IA5String = *(%x00-7F)
```

The syntax corresponds to the [IA5String](#) ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.26
<i>Description</i>	IA5 String
<i>Origin</i>	RFC 4517

8.39. Integer

Values of this syntax hold whole numbers of unlimited magnitude.

The syntax follows this ABNF:

```
Integer = ( HYPHEN LDIGIT *DIGIT ) / number
number  = DIGIT / ( LDIGIT 1*DIGIT )
HYPHEN  = %x2D                               ; hyphen ("-")
DIGIT   = %x30 / LDIGIT                       ; "0"-"9"
LDIGIT  = %x31-39                             ; "1"-"9"
```

The syntax corresponds to the **INTEGER** ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.27
<i>Description</i>	Integer
<i>Origin</i>	RFC 4517

8.40. JPEG

Values of this syntax hold images in the JPEG File Interchange Format (JFIF), as described in *JPEG File Interchange Format (Version 1.02)*. The values are the sequence of octets of the JFIF encoding.

The syntax corresponds to the following ASN.1 type:

```
JPEG ::= OCTET STRING (CONSTRAINED BY
    { -- contents octets are an image in the --
      -- JPEG File Interchange Format -- })
```

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.28
<i>Description</i>	JPEG
<i>Origin</i>	RFC 4517

8.41. Json

Values of this syntax hold JavaScript Object Notation (JSON) documents.

The syntax is specified in RFC 7159.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.1
------------	---------------------------

<i>Description</i>	Json
<i>Origin</i>	OpenDJ Directory Server

8.42. Json Query

Values of this syntax hold ForgeRock® Common REST JSON Query filter strings. See the directory documentation for details.

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.2
<i>Description</i>	Json Query
<i>Origin</i>	OpenDJ Directory Server

8.43. LDAP Syntax Description

Values of this syntax define LDAP syntaxes.

The syntax corresponds to the following ASN.1 type:

```
LDAPSyntaxDescription ::= SEQUENCE {
    identifier      OBJECT IDENTIFIER,
    description     DirectoryString { ub-schema } OPTIONAL }
```

`DirectoryString` is defined in X.520. The integer value of `ub-schema` depends on the implementation.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.54
<i>Description</i>	LDAP Syntax Description
<i>Origin</i>	RFC 4517

8.44. Matching Rule Description

Values of this syntax define matching rules.

The syntax corresponds to the `MatchingRuleDescription` ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.30
<i>Description</i>	Matching Rule Description

<i>Origin</i>	RFC 4517
---------------	----------

8.45. Matching Rule Use Description

Values of this syntax define matching rule uses.

The syntax corresponds to the [MatchingRuleUseDescription](#) ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.31
<i>Description</i>	Matching Rule Use Description
<i>Origin</i>	RFC 4517

8.46. Name and Optional UID

Values of this syntax hold a DN followed by an optional unique identifier to distinguish the name from others with the same DN.

The syntax follows this ABNF:

```
NameAndOptionalUID = distinguishedName [ SHARP BitString ]
```

Example: `uid=bjensen,ou=people,dc=example,dc=com#'0101'B.`

The syntax corresponds to the [NameAndOptionalUID](#) ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.34
<i>Description</i>	Name and Optional UID
<i>Origin</i>	RFC 4517

8.47. Name Form Description

Values of this syntax define name forms.

The syntax corresponds to the [NameFormDescription](#) ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.35
<i>Description</i>	Name Form Description

<i>Origin</i>	RFC 4517
---------------	----------

8.48. Numeric String

Values of this syntax hold sequences of one or more numerals and spaces.

The syntax follows this ABNF:

```
NumericString = 1*(DIGIT / SPACE)
```

Example: 123 456 789 0.

The syntax corresponds to the `NumericString` ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.36
<i>Description</i>	Numeric String
<i>Origin</i>	RFC 4517

8.49. Object Class Description

Values of this syntax define object classes.

The syntax corresponds to the `ObjectClassDescription` ASN.1 type defined by X.501.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.37
<i>Description</i>	Object Class Description
<i>Origin</i>	RFC 4517

8.50. Octet String

Values of this syntax hold sequences of zero or more arbitrary octets.

The syntax follows this ABNF:

```
OctetString = *OCTET
OCTET      = %x00-FF ; Any octet (8-bit data unit)
```

The syntax corresponds to the `OCTET STRING` ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.40
<i>Description</i>	Octet String
<i>Origin</i>	RFC 4517

8.51. OID

Values of this syntax hold Object Identifiers (OID), sequences of two or more non-negative integers that uniquely identify some object or item of specification.

Examples: [1.2.3.4](#), [cn](#).

The syntax corresponds to the **OBJECT IDENTIFIER** ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.38
<i>Description</i>	OID
<i>Origin</i>	RFC 4517

8.52. Other Mailbox

Values of this syntax hold electronic mail addresses for a particular mail system.

The syntax follows this ABNF:

```
OtherMailbox = mailbox-type DOLLAR mailbox
mailbox-type = PrintableString
mailbox      = IA5String
```

The **mailbox-type** identifies the mail system. The **mailbox** identifies the mail box within the system.

The syntax corresponds to this ASN.1 type, assuming EXPLICIT TAGS:

```
OtherMailbox ::= SEQUENCE {
    mailboxType PrintableString,
    mailbox     IA5String
}
```

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.39
<i>Description</i>	Other Mailbox
<i>Origin</i>	RFC 4517

8.53. Postal Address

Values of this syntax hold sequences of strings of one or more arbitrary UCS characters, which form an address in a physical mail system.

The syntax follows this ABNF:

```
PostalAddress = line *( DOLLAR line )
line          = 1*line-char
line-char    = %x00-23
              / (%x5C "24") ; escaped "$"
              / %x25-5B
              / (%x5C "5C") ; escaped "\"
              / %x5D-7F
              / UTFMB

DOLLAR      = %x24 ; dollar sign ("$$")
UTFMB      = UTF2 / UTF3 / UTF4
UTF1       = %x00-7F
UTF2       = %xC2-DF UTF0
UTF3       = %xE0 %xA0-BF UTF0 / %xE1-EC 2(UTF0) /
              %xED %x80-9F UTF0 / %xEE-EF 2(UTF0)
UTF4       = %xF0 %x90-BF 2(UTF0) / %xF1-F3 3(UTF0) /
              %xF4 %x80-8F 2(UTF0)
```

Example: `1234 Main St.$Anytown, CA 12345$USA`.

The syntax corresponds to the `PostalAddress` ASN.1 type:

```
PostalAddress ::= SEQUENCE SIZE(1..ub-postal-line) OF
    DirectoryString { ub-postal-string }
```

The integers `ub-postal-line` and `ub-postal-string` depend on the implementation. The syntax is defined in X.520.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.41
<i>Description</i>	Postal Address
<i>Origin</i>	RFC 4517

8.54. Presentation Address

Values of this syntax hold presentation addresses used when addressing other OSI application entities.

The syntax is described in RFC 1278, *A string encoding of Presentation Address*. However, this implementation treats the syntax exactly like `DirectoryString` syntax.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.43
<i>Description</i>	Presentation Address
<i>Origin</i>	RFC 2252

8.55. Printable String

Values of this syntax hold strings of one or more latin alphabetic, numeric, and selected punctuation characters as described by the following ABNF:

```

PrintableString  = 1*PrintableCharacter
PrintableCharacter = ALPHA / DIGIT / SQUOTE / LPAREN / RPAREN /
    PLUS / COMMA / HYPHEN / DOT / EQUALS /
    SLASH / COLON / QUESTION / SPACE
ALPHA           = %x41-5A / %x61-7A ; "A"- "Z" / "a"- "z"
DIGIT           = %x30 / LDIGIT ; "0"- "9"
LDIGIT          = %x31-39 ; "1"- "9"
SPACE           = %x20 ; space (" ")
SQUOTE          = %x27 ; single quote ("'")
LPAREN          = %x28 ; left paren ("(")
RPAREN          = %x29 ; right paren (")")
PLUS           = %x2B ; plus sign ("+")
COMMA          = %x2C ; comma (",")
HYPHEN         = %x2D ; hyphen ("-")
DOT            = %x2E ; period (".")
EQUALS         = %x3D ; equals sign ("=")
SLASH          = %x2F ; forward slash ("/")
COLON          = %x3A ; colon (":")
QUESTION       = %x3F ; question mark ("?")
    
```

The syntax corresponds to the [PrintableString](#) ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.44
<i>Description</i>	Printable String
<i>Origin</i>	RFC 4517

8.56. Protocol Information

According to X.520, Values of this syntax hold protocol information for network addresses in a presentation address.

This was referenced but not defined in the LDAP specifications. As a result, this syntax is treated like that of Directory String.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.42
<i>Description</i>	Protocol Information

Origin	RFC 2252
--------	----------

8.57. 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

8.58. Substring Assertion

Values of this syntax hold sequences of zero or more character substrings used as an argument for substring extensible matching of character string attribute values.

Such are the match values of matching rule assertions. They are not used in attribute values or in a substring filter.

Each substring is a string of one or more characters from the Universal Character Set (UCS). Zero-length substrings are not permitted.

Values follow this ABNF:

```

SubstringAssertion = [ initial ] any [ final ]

initial   = substring
any       = ASTERISK *(substring ASTERISK)
final     = substring
ASTERISK = %x2A ; asterisk ("*")

substring      = 1*substring-character
substring-character = %x00-29
                  / (%x5C "2A") ; escaped "*"
                  / %x2B-5B
                  / (%x5C "5C") ; escaped "\"
                  / %x5D-7F
                  / UTFMB

UTFMB = UTF2 / UTF3 / UTF4
UTF1  = %x00-7F
UTF2  = %xC2-DF UTF0
UTF3  = %xE0 %xA0-BF UTF0 / %xE1-EC 2(UTF0) /
        %xED %x80-9F UTF0 / %xEE-EF 2(UTF0)
UTF4  = %xF0 %x90-BF 2(UTF0) / %xF1-F3 3(UTF0) /
        %xF4 %x80-8F 2(UTF0)

```

The syntax corresponds to the [SubstringAssertion](#) ASN.1 type defined in X.520.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.58
<i>Description</i>	Substring Assertion
<i>Origin</i>	RFC 4517

8.59. Subtree Specification

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.45
<i>Description</i>	Subtree Specification

8.60. Summary metric

JSON object metric that samples observations, providing a count of observations, sum total of observed amounts, average rate of events, and moving average rates across sliding time windows.

Summary values have the following fields:

```
{
  "count": (number) events recorded for this metric,
  "total": (number) sum of the amounts of events recorded for this metric,
  "mean_rate": (number) average rate,
  "m1_rate": (number) one-minute average rate,
  "m5_rate": (number) five-minute average rate,
  "m15_rate": (number) fifteen-minute average rate
}
```

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.7
<i>Description</i>	Summary metric
<i>Substitute Syntax</i>	Json
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

8.61. Sun-defined Access Control Information

Values of this syntax hold Access Control Instructions (ACI). See the directory documentation for details.

<i>OID</i>	1.3.6.1.4.1.26027.1.3.4
<i>Description</i>	Sun-defined Access Control Information

8.62. Supported Algorithm

Values of this syntax hold X.509 `SupportedAlgorithms`, as described in X.509, clause 11.2.7.

Request values using the binary option for the attribute description, such as `supportedAlgorithms;binary`.

Values of this syntax and the form of each value must be preserved as presented to avoid corrupting the digital signature.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.49
<i>Description</i>	Supported Algorithm
<i>Origin</i>	RFC 4523

8.63. Telephone Number

Values of this syntax hold telephone numbers, strings of printable characters, as in `PrintableString`, that comply with the internationally agreed format for representing international telephone numbers.

Examples: `+1 415 555 1212`, `+1-415-555-1212`.

The syntax corresponds to the following ASN.1 type from X.520:

```
PrintableString (SIZE(1..ub-telephone-number))
```

The integer value of `ub-telephone-number` depends on the implementation.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.50
<i>Description</i>	Telephone Number
<i>Origin</i>	RFC 4517

8.64. Teletex Terminal Identifier

Values of this syntax hold identifiers and, optionally, parameters of teletex terminals.

Values follow this ABNF:

```

teletex-id = ttx-term *(DOLLAR ttx-param)
ttx-term   = PrintableString           ; terminal identifier
ttx-param  = ttx-key COLON ttx-value  ; parameter
ttx-key    = "graphic" / "control" / "misc" / "page" / "private"
ttx-value  = *ttx-value-octet
ttx-value-octet = %x00-23
              / (%x5C "24") ; escaped "$"
              / %x25-5B
              / (%x5C "5C") ; escaped "\"
              / %x5D-FF

DOLLAR      = %x24 ; dollar sign ("$$")
PrintableString = 1*PrintableCharacter
PrintableCharacter = ALPHA / DIGIT / SQUOTE / LPAREN / RPAREN /
                  PLUS / COMMA / HYPHEN / DOT / EQUALS /
                  SLASH / COLON / QUESTION / SPACE

ALPHA       = %x41-5A / %x61-7A ; "A"- "Z" / "a"- "z"
DIGIT       = %x30 / LDIGIT ; "0"- "9"
LDIGIT      = %x31-39 ; "1"- "9"
SPACE       = %x20 ; space (" ")
SQUOTE      = %x27 ; single quote ("'")
LPAREN      = %x28 ; left paren ("(")
RPAREN      = %x29 ; right paren (")")
PLUS        = %x2B ; plus sign ("+")
COMMA       = %x2C ; comma (",")
HYPHEN      = %x2D ; hyphen (".")
DOT         = %x2E ; period (".")
EQUALS      = %x3D ; equals sign ("=")
SLASH       = %x2F ; forward slash ("/")
COLON       = %x3A ; colon (":")
QUESTION    = %x3F ; question mark ("?")

```

The syntax corresponds to the [TeletexTerminalIdentifier](#) ASN.1 type defined in X.520.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.51
<i>Description</i>	Teletex Terminal Identifier
<i>Origin</i>	RFC 4517

8.65. Telex Number

Values of this syntax hold the telex number, country code, and answerback code of a telex terminal.

The syntax follows this ABNF:

```

telex-number = actual-number DOLLAR country-code DOLLAR answerback
actual-number = PrintableString
country-code = PrintableString
answerback = PrintableString

DOLLAR = %x24 ; dollar sign ("$$")
PrintableString = 1*PrintableCharacter
PrintableCharacter = ALPHA / DIGIT / SQUOTE / LPAREN / RPAREN /
PLUS / COMMA / HYPHEN / DOT / EQUALS /
SLASH / COLON / QUESTION / SPACE
ALPHA = %x41-5A / %x61-7A ; "A"- "Z" / "a" - "z"
DIGIT = %x30 / LDIGIT ; "0" - "9"
LDIGIT = %x31-39 ; "1" - "9"
SPACE = %x20 ; space (" ")
SQUOTE = %x27 ; single quote ("'")
LPAREN = %x28 ; left paren ("(")
RPAREN = %x29 ; right paren (")")
PLUS = %x2B ; plus sign ("+")
COMMA = %x2C ; comma (",")
HYPHEN = %x2D ; hyphen ("-")
DOT = %x2E ; period (".")
EQUALS = %x3D ; equals sign ("=")
SLASH = %x2F ; forward slash ("/")
COLON = %x3A ; colon (":")
QUESTION = %x3F ; question mark ("?")

```

The syntax corresponds to the **TelexNumber** ASN.1 type, defined in X.520.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.52
<i>Description</i>	Telex Number
<i>Origin</i>	RFC 4517

8.66. Timer metric

JSON object metric combining a summary with other statistics.

Timer values have the following fields:

```
{
  "count": (number) events recorded for this metric,
  "total": (number) sum of the durations of events recorded for this metric,
  "mean_rate": (number) average rate,
  "m1_rate": (number) one-minute average rate,
  "m5_rate": (number) five-minute average rate,
  "m15_rate": (number) fifteen-minute average rate,
  "mean": (number) total/count, or 0 if count is 0,
  "min": (number) minimum duration recorded,
  "max": (number) maximum duration recorded,
  "stddev": (number) standard deviation of recorded durations,
  "p50": (number) 50% at or below this value,
  "p75": (number) 75% at or below this value,
  "p95": (number) 95% at or below this value,
  "p98": (number) 98% at or below this value,
  "p99": (number) 99% at or below this value,
  "p999": (number) 99.9% at or below this value,
  "p9999": (number) 99.99% at or below this value,
  "p99999": (number) 99.999% at or below this value
}
```

<i>OID</i>	1.3.6.1.4.1.36733.2.1.3.6
<i>Description</i>	Timer metric
<i>Substitute Syntax</i>	Json
<i>Origin</i>	OpenDJ Directory Server
<i>Schema File</i>	02-config.ldif

8.67. User Password

Values of this syntax hold user passwords in encoded form.

A value is formatted as *{scheme}encoded-value*, where the *scheme* is the password storage scheme, and *encoded-value* is the value encoded or hashed according to the storage scheme.

Cleartext passwords are octet strings.

<i>OID</i>	1.3.6.1.4.1.26027.1.3.1
<i>Description</i>	User Password
<i>Origin</i>	OpenDS Directory Server

8.68. UTC Time

Values of this syntax hold character strings representing a date and time to a precision of one minute or one second.

This syntax is deprecated. For new attributes, use [GeneralizedTime](#) instead.

The syntax follows this ABNF:

```

UTCTime      = year month day hour minute [ second ] [ u-time-zone ]
u-time-zone  = %x5A                               ; "Z"
              / u-differential
u-differential = ( MINUS / PLUS ) hour minute

century = 2(%x30-39)                               ; "00" to "99"
year    = 2(%x30-39)                               ; "00" to "99"
month   = ( %x30 %x31-39 )                          ; "01" (January) to "09"
          / ( %x31 %x30-32 )                        ; "10" to "12"
day     = ( %x30 %x31-39 )                          ; "01" to "09"
          / ( %x31-32 %x30-39 )                    ; "10" to "29"
          / ( %x33 %x30-31 )                        ; "30" to "31"
hour    = ( %x30-31 %x30-39 ) / ( %x32 %x30-33 ) ; "00" to "23"
minute  = %x30-35 %x30-39                          ; "00" to "59"

second   = ( %x30-35 %x30-39 )                     ; "00" to "59"
leap-second = ( %x36 %x30 )                       ; "60"

fraction   = ( DOT / COMMA ) 1*(%x30-39)
MINUS     = %x2D                                     ; minus sign ("-")
PLUS      = %x2B                                     ; plus sign ("+")
    
```

Where the ABNF allows invalid times, such as Feb. 31, 2017, the values are considered invalid.

When the "Z" form of the time zone is used, the time value represents universal coordinated time. Otherwise, it represents a local time in the time zone indicated by the [u-differential](#).

The syntax corresponds to the [UTCTime](#) ASN.1 type.

<i>OID</i>	1.3.6.1.4.1.1466.115.121.1.53
<i>Description</i>	UTC Time
<i>Origin</i>	RFC 4517

8.69. UUID

Values of this syntax hold 16-octet (128-bit) strings, constrained to the namespace specified in RFC 4122, that identify an object. Values are encoded using the ASCII representation.

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

<i>OID</i>	1.3.6.1.1.16.1
<i>Description</i>	UUID
<i>Origin</i>	RFC 4530

8.70. X.509 Certificate Exact Assertion

Values of this syntax hold an X.509 `CertificateExactAssertion` as described in X.509, clause 11.3.1.

Values are encoded using Generic String Encoding Rules, specified in RFC 3641. The syntax follows this ABNF:

```
CertificateExactAssertion = "{" sp cea-serialNumber "," sp cea-issuer sp "}"  
cea-serialNumber = id-serialNumber msp CertificateSerialNumber  
cea-issuer = id-issuer msp Name  
  
id-serialNumber = %x73.65.72.69.61.6C.4E.75.6D.62.65.72 ; 'serialNumber'  
id-issuer = %x69.73.73.75.65.72 ; 'issuer'  
  
Name = id-rdnSequence ":" RDNSequence  
id-rdnSequence = %x72.64.6E.53.65.71.75.65.6E.63.65 ; 'rdnSequence'  
  
CertificateSerialNumber = INTEGER
```

<i>OID</i>	1.3.6.1.1.15.1
<i>Description</i>	X.509 Certificate Exact Assertion
<i>Origin</i>	RFC 4523