[MS-ADSC]:

Active Directory Schema Classes

Revision Summary

Date	Revision History	Revision Class	Comments
2/22/2007	0.01	New	Version 0.01 release
6/1/2007	1.0	Major	Updated and revised the technical content.
7/3/2007	2.0	Major	Added DFS content.
7/20/2007	2.1	Minor	Enhanced descriptions for MSMQ attributes
8/10/2007	2.1.1	Editorial	Changed language and formatting in the technical content.
9/28/2007	2.1.2	Editorial	Changed language and formatting in the technical content.
10/23/2007	2.1.3	Editorial	Changed language and formatting in the technical content.
11/30/2007	3.0	Major	Added objects.
1/25/2008	3.0.1	Editorial	Changed language and formatting in the technical content.
3/14/2008	3.0.2	Editorial	Changed language and formatting in the technical content.
5/16/2008	3.0.3	Editorial	Changed language and formatting in the technical content.
6/20/2008	3.1	Minor	Clarified the meaning of the technical content.
7/25/2008	3.1.1	Editorial	Changed language and formatting in the technical content.
8/29/2008	4.0	Major	Updated and revised the technical content.
10/24/2008	5.0	Major	Updated and revised the technical content.
12/5/2008	6.0	Major	Updated and revised the technical content.
1/16/2009	6.0.1	Editorial	Changed language and formatting in the technical content.
2/27/2009	6.0.2	Editorial	Changed language and formatting in the technical content.
4/10/2009	7.0	Major	Updated and revised the technical content.
5/22/2009	8.0	Major	Updated and revised the technical content.
7/2/2009	8.1	Minor	Clarified the meaning of the technical content.
8/14/2009	8.1.1	Editorial	Changed language and formatting in the technical content.
9/25/2009	9.0	Major	Updated and revised the technical content.
11/6/2009	9.1	Minor	Clarified the meaning of the technical content.
12/18/2009	10.0	Major	Updated and revised the technical content.
1/29/2010	10.1	Minor	Clarified the meaning of the technical content.
3/12/2010	10.1.1	Editorial	Changed language and formatting in the technical content.
4/23/2010	11.0	Major	Updated and revised the technical content.
6/4/2010	12.0	Major	Updated and revised the technical content.
7/16/2010	12.0	None	No changes to the meaning, language, or formatting of the technical content.

Date	Revision History	Revision Class	Comments
8/27/2010	13.0	Major	Updated and revised the technical content.
10/8/2010	14.0	Major	Updated and revised the technical content.
11/19/2010	14.0	None	No changes to the meaning, language, or formatting of the technical content.
1/7/2011	14.1	Minor	Clarified the meaning of the technical content.
2/11/2011	14.1	None	No changes to the meaning, language, or formatting of the technical content.
3/25/2011	14.1	None	No changes to the meaning, language, or formatting of the technical content.
5/6/2011	14.2	Minor	Clarified the meaning of the technical content.
6/17/2011	14.3	Minor	Clarified the meaning of the technical content.
9/23/2011	14.3	None	No changes to the meaning, language, or formatting of the technical content.
12/16/2011	15.0	Major	Updated and revised the technical content.
3/30/2012	15.0	None	No changes to the meaning, language, or formatting of the technical content.
7/12/2012	16.0	Major	Updated and revised the technical content.
10/25/2012	16.1	Minor	Clarified the meaning of the technical content.
1/31/2013	16.1	None	No changes to the meaning, language, or formatting of the technical content.
8/8/2013	17.0	Major	Updated and revised the technical content.
11/14/2013	17.0	None	No changes to the meaning, language, or formatting of the technical content.
2/13/2014	17.0	None	No changes to the meaning, language, or formatting of the technical content.
5/15/2014	18.0	Major	Updated and revised the technical content.
6/30/2015	19.0	Major	Significantly changed the technical content.
10/16/2015	20.0	Major	Significantly changed the technical content.
7/14/2016	21.0	Major	Significantly changed the technical content.
6/1/2017	21.0	None	No changes to the meaning, language, or formatting of the technical content.
9/15/2017	22.0	Major	Significantly changed the technical content.
12/1/2017	22.0	None	No changes to the meaning, language, or formatting of the technical content.
3/16/2018	23.0	Major	Significantly changed the technical content.

Table of Contents

1   Introduction

Active Directory Schema Classes contains a list of the objects of type "class" that exist in the Active Directory schema for **Active Directory Domain Services (AD DS)**. Active Directory and all associated terms and concepts are described in [MS-ADTS].

Note: This document is not intended to stand on its own; it is intended to act as an appendix to the Active Directory Technical Specification. For details about the Active Directory schema, see [MS-ADTS] section 3.1.1.2 (Active Directory Schema).

Note: The object definitions in this document are also available for download in LDAP Data Interchange Format (LDIF) at the following location: [MSFT-ADSCHEMA].

Note: The object definitions in this document contain information about the product in which the objects were first implemented in the Active Directory schema. Unless otherwise specified, objects continue to be available in the Active Directory schema in all subsequent versions of the product according to the list of products in [MS-ADTS] section 1.

1.1   References

[MS-ADTS] Microsoft Corporation, "Active Directory Technical Specification".

[MS-DTYP] Microsoft Corporation, "Windows Data Types".

[MSFT-ADSCHEMA] Microsoft Corporation, "Combined Active Directory Schema Classes and Attributes for Windows Server", December 2013, http://www.microsoft.com/downloads/en/details.aspx?displaylang=en&FamilyID=da2fc73a-3d35-484c-9bea-f023dcba7275

[RFC1035] Mockapetris, P., "Domain Names - Implementation and Specification", STD 13, RFC 1035, November 1987, http://www.ietf.org/rfc/rfc1035.txt

[RFC1831] Srinivasan, R., "RPC: Remote Procedure Call Protocol Specification Version 2", RFC 1831, August 1995, http://www.ietf.org/rfc/rfc1831.txt

[RFC2181] Elz, R., and Bush, R., "Clarifications to the DNS Specification", RFC 2181, July 1997, http://www.ietf.org/rfc/rfc2181.txt

[RFC2849] Good, G., "The LDAP Data Interchange Format (LDIF) - Technical Specification", RFC 2849, June 2000, http://www.ietf.org/rfc/rfc2849.txt

[RFC4524] Zeilenga, K., Ed., "COSINE LDAP/X.500 Schema", RFC 4524, June 2006, http://www.rfc-editor.org/rfc/rfc4524.txt

2 Classes

The following sections specify the classes in the Active Directory schema.

These sections normatively specify the schema definition of each class and version-specific behavior of those schema definitions (such as when the class was added to the schema). Additionally, as an aid to the reader some of the sections include informative notes about how the class can be used.

Note: In the following class definitions, "<SchemaNCDN>" is the DN of the schema NC. For more information, see [MS-ADTS] section 3.1.1.1.7.

Note: Lines of text in the class definitions that are excessively long have been "folded" in accordance with [RFC2849] Note 2.

2.1 Class account

This class is not used. It is included for compatibility with [RFC4524] section 3.1.

```
cn: account
ldapDisplayName: account
governsId: 0.9.2342.19200300.100.4.5
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: uid, host, ou, o, l, seeAlso, description
possSuperiors: organizationalUnit, container
schemaIdGuid: 2628a46a-a6ad-4ae0-b854-2b12d9fe6f9e
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=account,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 operating system.

2.2 Class aCSPolicy

The Admission Control Service (ACS) bandwidth allocation policy for a user or profile.

```
cn: ACS-Policy
ldapDisplayName: aCSPolicy
governsId: 1.2.840.113556.1.5.137
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: aCSTotalNoOfFlows, aCSTimeOfDay, aCSServiceType,
 aCSPriority, aCSPermissionBits, aCSMinimumDelayVariation,
 aCSMinimumLatency, aCSMaximumSDUSize, aCSMinimumPolicedSize,
 aCSMaxTokenRatePerFlow, aCSMaxTokenBucketPerFlow,
 aCSMaxPeakBandwidthPerFlow, aCSMaxDurationPerFlow,
 aCSMaxAggregatePeakRatePerUser, aCSIdentityName, aCSDirection,
 aCSAggregateTokenRatePerUser
systemPossSuperiors: container
schemaIdGuid: 7f561288-5301-11d1-a9c5-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ACS-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server operating system.

2.3   Class aCSResourceLimits

Contains reservable resource limits for a subnet. These limits can be for each ACS service type or for all service types.

```
cn: ACS-Resource-Limits
ldapDisplayName: aCSResourceLimits
governsId: 1.2.840.113556.1.5.191
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: aCSMaxTokenRatePerFlow, aCSServiceType,
 aCSMaxPeakBandwidthPerFlow, aCSMaxPeakBandwidth,
 aCSAllocableRSVPBandwidth
systemPossSuperiors: container
schemaIdGuid: 2e899b04-2834-11d3-91d4-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ACS-Resource-Limits,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.4   Class aCSSubnet

Contains configuration parameters for an ACS server.

```
cn: ACS-Subnet
ldapDisplayName: aCSSubnet
governsId: 1.2.840.113556.1.5.138
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: aCSServerList, aCSRSVPLogFilesLocation,
 aCSRSVPAccountFilesLocation, aCSNonReservedTxSize,
 aCSNonReservedTxLimit, aCSNonReservedTokenSize,
 aCSNonReservedPeakRate, aCSNonReservedMinPolicedSize,
 aCSNonReservedMaxSDUSize, aCSMaxTokenRatePerFlow,
 aCSMaxSizeOfRSVPLogFile, aCSMaxSizeOfRSVPAccountFile,
 aCSMaxPeakBandwidthPerFlow, aCSMaxPeakBandwidth, aCSMaxNoOfLogFiles,
 aCSMaxNoOfAccountFiles, aCSMaxDurationPerFlow, aCSEventLogLevel,
 aCSEnableRSVPMessageLogging, aCSEnableRSVPAccounting,
 aCSEnableACSService, aCSDSBMRefresh, aCSDSBMPriority,
 aCSDSBMDeadTime, aCSCacheTimeout, aCSAllocableRSVPBandwidth
systemPossSuperiors: container
schemaIdGuid: 7f561289-5301-11d1-a9c5-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ACS-Subnet,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.5   Class addressBookContainer

A container for holding members of an address-book view.

```
cn: Address-Book-Container
ldapDisplayName: addressBookContainer
governsId: 1.2.840.113556.1.5.125
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: displayName
systemMayContain: purportedSearch
systemPossSuperiors: addressBookContainer, configuration
schemaIdGuid: 3e74f60f-3e73-11d1-a9c0-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (OA;;CR;a1990816-4298-11d1-ade2-00c04fd8d5cd;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Address-Book-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.6   Class addressTemplate

Specifies information for a display template.

```
cn: Address-Template
ldapDisplayName: addressTemplate
governsId: 1.2.840.113556.1.3.58
objectClassCategory: 1
rdnAttId: cn
subClassOf: displayTemplate
systemMustContain: displayName
systemMayContain: proxyGenerationEnabled, perRecipDialogDisplayTable,
 perMsgDialogDisplayTable, addressType, addressSyntax
systemPossSuperiors: container
schemaIdGuid: 5fd4250a-1262-11d0-a060-00aa006c33ed
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Address-Template,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.7   Class applicationEntity

The X.500 base class for applicationEntity.

```
cn: Application-Entity
ldapDisplayName: applicationEntity
governsId: 2.5.6.12
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: presentationAddress, cn
systemMayContain: supportedApplicationContext, seeAlso, ou, o, l
systemPossSuperiors: applicationProcess, organizationalUnit,
 container
schemaIdGuid: 3fdfee4f-47f4-11d1-a9c3-0000f80367c1
```

```
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Application-Entity,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.8   Class applicationProcess

The X.500 base class for applicationProcess.

```
cn: Application-Process
ldapDisplayName: applicationProcess
governsId: 2.5.6.11
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemMayContain: seeAlso, ou, l
systemPossSuperiors: organizationalUnit, organization, container,
 computer
schemaIdGuid: 5fd4250b-1262-11d0-a060-00aa006c33ed
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=Application-Process,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.9   Class applicationSettings

A base class for server-specific application settings.

```
cn: Application-Settings
ldapDisplayName: applicationSettings
governsId: 1.2.840.113556.1.5.7000.49
objectClassCategory: 2
rdnAttId: cn
subClassOf: top
systemMayContain: notificationList, msDS-Settings, applicationName
systemPossSuperiors: server
schemaIdGuid: f780acc1-56f0-11d1-a9c6-0000f80367c1
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Application-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.10 Class applicationSiteSettings

The container that holds all site-specific settings.

```
cn: Application-Site-Settings
ldapDisplayName: applicationSiteSettings
```

```
governsId: 1.2.840.113556.1.5.68
objectClassCategory: 2
rdnAttId: cn
subClassOf: top
systemMayContain: notificationList, applicationName
systemPossSuperiors: site
schemaIdGuid: 19195a5c-6da0-11d0-afd3-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Application-Site-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.11 Class applicationVersion

Stores versioning information for an application and its schema.

```
cn: Application-Version
ldapDisplayName: applicationVersion
governsId: 1.2.840.113556.1.5.216
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationSettings
mayContain: owner, managedBy, keywords, versionNumberLo,
 versionNumberHi, versionNumber, vendor, appSchemaVersion
possSuperiors: organizationalUnit, computer, container
schemaIdGuid: ddc790ac-af4d-442a-8f0f-a1d4caa7dd92
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Application-Version,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.12 Class attributeSchema

Defines an attribute object in the schema.

```
cn: Attribute-Schema
ldapDisplayName: attributeSchema
governsId: 1.2.840.113556.1.3.14
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: schemaIDGUID, oMSyntax, lDAPDisplayName,
 isSingleValued, cn, attributeSyntax, attributeID
systemMayContain: systemOnly, searchFlags, schemaFlagsEx, rangeUpper,
 rangeLower, oMObjectClass, msDs-Schema-Extensions, msDS-IntId,
 mAPIID, linkID, isMemberOfPartialAttributeSet, isEphemeral,
 isDefunct, extendedCharsAllowed, classDisplayName,
 attributeSecurityGUID
systemPossSuperiors: dMD
schemaIdGuid: bf967a80-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:S:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Attribute-Schema,<SchemaNCDN>
```

```
        systemFlags: FLAG_SCHEMA_BASE_OBJECT | FLAG_DOMAIN_DISALLOW_RENAME
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.13 Class bootableDevice

Represents a device that has boot parameters.

```
cn: BootableDevice
ldapDisplayName: bootableDevice
governsId: 1.3.6.1.1.1.2.12
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
mayContain: cn, bootParameter, bootFile
schemaIdGuid: 4bcb2477-4bb3-4545-a9fc-fb66e136b435
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=BootableDevice,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2 operating system.

2.14 Class builtinDomain

The container that holds the default groups for a domain.

```
cn: Builtin-Domain
ldapDisplayName: builtinDomain
governsId: 1.2.840.113556.1.5.4
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemAuxiliaryClass: samDomainBase
systemPossSuperiors: domainDNS
schemaIdGuid: bf967a81-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Builtin-Domain,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.15 Class categoryRegistration

The registration information for a component category.

```
cn: Category-Registration
ldapDisplayName: categoryRegistration
governsId: 1.2.840.113556.1.5.74
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMayContain: managedBy, localizedDescription, localeID,
 categoryId
systemPossSuperiors: classStore
```

```
schemaIdGuid: 7d6c0e9d-7e20-11d0-afd6-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Category-Registration,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.16 Class certificationAuthority

Represents a process that issues public key certificates, for example, Active Directory Certificate Services (AD CS).

```
cn: Certification-Authority
ldapDisplayName: certificationAuthority
governsId: 2.5.6.16
objectClassCategory: 0
rdnAttId: cn
subClassOf: top
systemMustContain: cn, certificateRevocationList, cACertificate,
 authorityRevocationList
systemMayContain: teletexTerminalIdentifier,
 supportedApplicationContext, signatureAlgorithms, searchGuide,
 previousParentCA, previousCACertificates, pendingParentCA,
 pendingCACertificates, parentCACertificateChain, parentCA,
 enrollmentProviders, domainPolicyObject, domainID, dNSHostName,
 deltaRevocationList, currentParentCA, crossCertificatePair,
 cRLObject, certificateTemplates, cAWEBURL, cAUsages, cAConnect,
 cACertificateDN
systemPossSuperiors: container
schemaIdGuid: 3fdfee50-47f4-11d1-a9c3-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Certification-Authority,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.17 Class classRegistration

The registration information for a Component Object Model (COM) object.

```
cn: Class-Registration
ldapDisplayName: classRegistration
governsId: 1.2.840.113556.1.5.10
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMayContain: requiredCategories, managedBy,
 implementedCategories, cOMTreatAsClassId, cOMProgID,
 cOMOtherProgId, cOMInterfaceID, cOMCLSID
systemPossSuperiors: classStore
schemaIdGuid: bf967a82-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Class-Registration,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.18 Class classSchema

Defines a class object in the schema.

```
cn: Class-Schema
ldapDisplayName: classSchema
governsId: 1.2.840.113556.1.3.13
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: subClassOf, schemaIDGUID, objectClassCategory,
 governsID, defaultObjectCategory, cn
systemMayContain: systemPossSuperiors, systemOnly, systemMustContain,
 systemMayContain, systemAuxiliaryClass, schemaFlagsEx, rDNAttID,
 possSuperiors, mustContain, msDs-Schema-Extensions, msDS-IntId,
 mayContain, lDAPDisplayName, isDefunct, defaultSecurityDescriptor,
 defaultHidingValue, classDisplayName, auxiliaryClass
systemPossSuperiors: dMD
schemaIdGuid: bf967a83-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:S:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Class-Schema,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT | FLAG_DOMAIN_DISALLOW_RENAME
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.19 Class classStore

Used to create the class store container, which provides the framework for deploying application resources in Active Directory Domain Services (on Windows Server 2008 operating system, Windows Server 2008 R2 operating system, and Windows Server 2012 operating system) and in the Active Directory directory service (on Windows Server 2003 R2, Windows Server 2003, and Windows 2000 Server). This class makes the deployment policy available to policy recipients; that is, to users and machines. Access and administration privileges are controlled by standard access control properties on the class store container object.

```
cn: Class-Store
ldapDisplayName: classStore
governsId: 1.2.840.113556.1.5.44
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: versionNumber, nextLevelStore, lastUpdateSequence,
 appSchemaVersion
systemPossSuperiors: domainPolicy, computer, group, user, classStore,
 organizationalUnit, domainDNS, container
schemaIdGuid: bf967a84-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Class-Store,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.20 Class comConnectionPoint

The binding for running the COM or DCOM service.

```
cn: Com-Connection-Point
ldapDisplayName: comConnectionPoint
governsId: 1.2.840.113556.1.5.11
objectClassCategory: 1
rdnAttId: cn
subClassOf: connectionPoint
systemMustContain: cn
systemMayContain: monikerDisplayName, moniker, marshalledInterface
systemPossSuperiors: container
schemaIdGuid: bf967a85-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Com-Connection-Point,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.21 Class computer

A class that represents a computer account in the domain.

```
cn: Computer
ldapDisplayName: computer
governsId: 1.2.840.113556.1.3.30
objectClassCategory: 1
rdnAttId: cn
subClassOf: user
auxiliaryClass: ipHost
mayContain: msSFU30Aliases, msSFU30NisDomain, nisMapName,
 msSFU30Name
systemMayContain: msTSSecondaryDesktopBL, msTSPrimaryDesktopBL,
 msTSEndpointData, msTSEndpointType,
 msTSEndpointPlugin, msDS-HostServiceAccount,
 msDS-IsUserCachableAtRodc, msTSProperty02,
 msTSProperty01, msTPM-OwnerInformation, msDS-RevealOnDemandGroup,
 msDS-NeverRevealGroup, msDS-PromotionSettings, msDS-SiteName,
 msDS-isRODC, msDS-isGC, msDS-AuthenticatedAtDC, msDS-RevealedList,
 msDS-RevealedUsers, msDS-ExecuteScriptPassword, msDS-KrbTgtLink,
 volumeCount, siteGUID, rIDSetReferences, policyReplicationFlags,
 physicalLocationObject, operatingSystemVersion,
 operatingSystemServicePack, operatingSystemHotfix, operatingSystem,
 networkAddress, netbootDUID, netbootSIFFile, netbootMirrorDataFile,
 netbootMachineFilePath, netbootInitialization, netbootGUID,
 msDS-AdditionalSamAccountName, msDS-AdditionalDnsHostName,
 managedBy, machineRole, location, localPolicyFlags, dNSHostName,
 defaultLocalPolicyObject, cn, catalogs, msTPM-TpmInformationForComputer,
 msDS-GenerationId, msImaging-ThumbprintHash, msImaging-HashAlgorithm
systemPossSuperiors: container, organizationalUnit, domainDNS
schemaIdGuid: bf967a86-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
 (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)(A;;RPLCLORC;;;AU)
 (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)(A;;CCDC;;;PS)
 (OA;;CCDC;bf967aa8-0de6-11d0-a285-00aa003049e2;;PO)
 (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
```

```
 (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
 (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
 (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)
 (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
 (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
 (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;WP;bf967950-0de6-11d0-a285-00aa003049e2;
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;WP;bf967953-0de6-11d0-a285-00aa003049e2;
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Computer,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.22 Class configuration

A container that holds the configuration information for a domain.

```
cn: Configuration
ldapDisplayName: configuration
governsId: 1.2.840.113556.1.5.12
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemMayContain: msDS-USNLastSyncSuccess, gPOptions, gPLink
systemPossSuperiors: domainDNS
schemaIdGuid: bf967a87-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=Configuration,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.23 Class connectionPoint

The base class from which all connectible objects are derived.

```
cn: Connection-Point
ldapDisplayName: connectionPoint
governsId: 1.2.840.113556.1.5.14
objectClassCategory: 2
rdnAttId: cn
subClassOf: leaf
systemMustContain: cn
systemMayContain: msDS-Settings, managedBy, keywords
systemPossSuperiors: container, computer
schemaIdGuid: 5cb41ecf-0e4c-11d0-a286-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
```

```
defaultObjectCategory: CN=Connection-Point,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.24 Class contact

A class that contains information about a person or company that users might often contact.

```
cn: Contact
ldapDisplayName: contact
governsId: 1.2.840.113556.1.5.15
objectClassCategory: 1
rdnAttId: cn
subClassOf: organizationalPerson
systemAuxiliaryClass: mailRecipient
systemMustContain: cn
mayContain: msDS-SourceObjectDN
systemMayContain: notes, msDS-preferredDataLocation
systemPossSuperiors: organizationalUnit, domainDNS
schemaIdGuid: 5cb41ed0-0e4c-11d0-a286-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Person,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.25 Class container

A class that is used to hold other classes.

```
cn: Container
ldapDisplayName: container
governsId: 1.2.840.113556.1.3.23
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
mayContain: msDS-ObjectReference
systemMayContain: schemaVersion, defaultClassStore
systemPossSuperiors: msDS-AzScope, msDS-AzApplication,
 msDS-AzAdminManager, subnet, server, nTDSService, domainDNS,
 organization, configuration, container, organizationalUnit
schemaIdGuid: bf967a8b-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.26 Class controlAccessRight

Identifies an extended right that can be granted or revoked by means of an access control list (ACL).

```
cn: Control-Access-Right
ldapDisplayName: controlAccessRight
governsId: 1.2.840.113556.1.5.77
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: validAccesses, rightsGuid, localizationDisplayId,
 appliesTo
systemPossSuperiors: container
schemaIdGuid: 8297931e-86d3-11d0-afda-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Control-Access-Right,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.27 Class country

The country/region in the address of the user. This class specifies the full name of the country/region.

```
cn: Country
ldapDisplayName: country
governsId: 2.5.6.2
objectClassCategory: 0
rdnAttId: c
subClassOf: top
systemMustContain: c
systemMayContain: co, searchGuide
systemPossSuperiors: domainDNS, organization
schemaIdGuid: bf967a8c-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Country,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.28 Class cRLDistributionPoint

The object that holds the certificate, authority, and delta revocation lists.

```
cn: CRL-Distribution-Point
ldapDisplayName: cRLDistributionPoint
governsId: 2.5.6.19
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemMayContain: deltaRevocationList, cRLPartitionedRevocationList,
 certificateRevocationList, certificateAuthorityObject,
 authorityRevocationList
systemPossSuperiors: container
schemaIdGuid: 167758ca-47f3-11d1-a9c3-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
```

```
defaultObjectCategory: CN=CRL-Distribution-Point,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.29 Class crossRef

Holds knowledge information about all directory service (DS) naming contexts and all external directories to which referrals can be generated.

```
cn: Cross-Ref
ldapDisplayName: crossRef
governsId: 1.2.840.113556.1.3.11
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: nCName, dnsRoot, cn
systemMayContain: msDS-NC-RO-Replica-Locations, trustParent,
 superiorDNSRoot, rootTrust, nTMixedDomain, nETBIOSName, Enabled,
 msDS-SDReferenceDomain,
 msDS-Replication-Notify-Subsequent-DSA-Delay,
 msDS-Replication-Notify-First-DSA-Delay, msDS-NC-Replica-Locations,
 msDS-DnsRootAlias, msDS-Behavior-Version
systemPossSuperiors: crossRefContainer
schemaIdGuid: bf967a8d-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Cross-Ref,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.30 Class crossRefContainer

Holds the cross-reference objects for all naming contexts.

```
cn: Cross-Ref-Container
ldapDisplayName: crossRefContainer
governsId: 1.2.840.113556.1.5.7000.53
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-EnabledFeature, msDS-SPNSuffixes, uPNSuffixes,
 msDS-UpdateScript, msDS-ExecuteScriptPassword, msDS-Behavior-Version
systemPossSuperiors: configuration
schemaIdGuid: ef9e60e0-56f7-11d1-a9c6-0000f80367c1
defaultSecurityDescriptor: D:(A;;GA;;;SY)
defaultHidingValue: FALSE
systemOnly: TRUE
defaultObjectCategory: CN=Cross-Ref-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.31 Class device

A generic base class for physical devices.

```
cn: Device
ldapDisplayName: device
governsId: 2.5.6.14
objectClassCategory: 0
rdnAttId: cn
subClassOf: top
auxiliaryClass: ipHost, ieee802Device, bootableDevice
systemMustContain: cn
mayContain: msSFU30Name, msSFU30NisDomain, nisMapName, msSFU30Aliases
systemMayContain: serialNumber, seeAlso, owner, ou, o, l
systemPossSuperiors: domainDNS, organizationalUnit, organization,
 container
schemaIdGuid: bf967a8e-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Device,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.32 Class dfsConfiguration

Holds all fault-tolerant Distributed File System (DFS) configurations.

```
cn: Dfs-Configuration
ldapDisplayName: dfsConfiguration
governsId: 1.2.840.113556.1.5.42
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container, domainDNS
schemaIdGuid: 8447f9f2-1027-11d0-a05f-00aa006c33ed
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Dfs-Configuration,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.33 Class dHCPClass

Represents a Dynamic Host Configuration Protocol (DHCP) server or set of servers.

```
cn: DHCP-Class
ldapDisplayName: dHCPClass
governsId: 1.2.840.113556.1.5.132
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: dhcpUniqueKey, dhcpType, dhcpIdentification,
 dhcpFlags
systemMayContain: superScopes, superScopeDescription,
 optionsLocation, optionDescription, networkAddress, mscopeId,
 dhcpUpdateTime, dhcpSubnets, dhcpState, dhcpSites, dhcpServers,
 dhcpReservations, dhcpRanges, dhcpProperties, dhcpOptions,
 dhcpObjName, dhcpObjDescription, dhcpMaxKey, dhcpMask, dhcpClasses
systemPossSuperiors: container
schemaIdGuid: 963d2756-48be-11d1-a9c3-0000f80367c1
```

```
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=DHCP-Class,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.34 Class displaySpecifier

Describes the context menus and property pages to use with an object in the directory.

```
cn: Display-Specifier
ldapDisplayName: displaySpecifier
governsId: 1.2.840.113556.1.5.84
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: treatAsLeaf, shellPropertyPages, shellContextMenu,
 scopeFlags, queryFilter, iconPath, extraColumns, creationWizard,
 createWizardExt, createDialog, contextMenu, classDisplayName,
 attributeDisplayNames, adminPropertyPages,
 adminMultiselectPropertyPages, adminContextMenu
systemPossSuperiors: container
schemaIdGuid: e0fa1e8a-9b45-11d0-afdd-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Display-Specifier,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.35 Class displayTemplate

Specifies information for an address template.

```
cn: Display-Template
ldapDisplayName: displayTemplate
governsId: 1.2.840.113556.1.3.59
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemMayContain: originalDisplayTableMSDOS, originalDisplayTable,
 helpFileName, helpData32, helpData16, addressEntryDisplayTableMSDOS,
 addressEntryDisplayTable
systemPossSuperiors: container
schemaIdGuid: 5fd4250c-1262-11d0-a060-00aa006c33ed
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Display-Template,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.36 Class dMD

Holds the schema for Active Directory Domain Services (AD DS) and the Active Directory directory service. The Lightweight Directory Access Protocol (LDAP) name dMD stands for Directory Management Domain.

```
cn: DMD
ldapDisplayName: dMD
governsId: 1.2.840.113556.1.3.9
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemMayContain: msDS-USNLastSyncSuccess, schemaUpdate, schemaInfo,
 prefixMap, msDs-Schema-Extensions, msDS-IntId, dmdName
systemPossSuperiors: configuration
schemaIdGuid: bf967a8f-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=DMD,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.37 Class dnsNode

Holds the domain name system (DNS) resource records for a single host.

```
cn: Dns-Node
ldapDisplayName: dnsNode
governsId: 1.2.840.113556.1.5.86
objectClassCategory: 1
rdnAttId: dc
subClassOf: top
systemMustContain: dc
systemMayContain: dNSTombstoned, dnsRecord, dNSProperty
systemPossSuperiors: dnsZone, dnsZoneScope
schemaIdGuid: e0fa1e8c-9b45-11d0-afdd-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;WD)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Dns-Node,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.38 Class dnsZone

The container for DNS nodes. This class holds zone metadata.

```
cn: Dns-Zone
ldapDisplayName: dnsZone
governsId: 1.2.840.113556.1.5.85
objectClassCategory: 1
rdnAttId: dc
subClassOf: top
```

```
systemMustContain: dc
systemMayContain: managedBy, dnsSecureSecondaries, dNSProperty,
 dnsNotifySecondaries, dnsAllowXFR, dnsAllowDynamic, msDNS-IsSigned,
 msDNS-SignWithNSEC3, msDNS-NSEC3OptOut, msDNS-MaintainTrustAnchor,
 msDNS-DSRecordAlgorithms, msDNS-RFC5011KeyRollovers,
 msDNS-NSEC3HashAlgorithm, msDNS-NSEC3RandomSaltLength,
 msDNS-NSEC3Iterations, msDNS-DNSKEYRecordSetTTL, msDNS-DSRecordSetTTL,
 msDNS-SignatureInceptionOffset, msDNS-SecureDelegationPollingPeriod,
 msDNS-SigningKeyDescriptors, msDNS-SigningKeys, msDNS-DNSKEYRecords,
 msDNS-ParentHasSecureDelegation, msDNS-PropagationTime,
 msDNS-NSEC3UserSalt, msDNS-NSEC3CurrentSalt
systemPossSuperiors: container
schemaIdGuid: e0fa1e8b-9b45-11d0-afdd-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;CC;;;AU)(A;;RPLCLORC;;;WD)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Dns-Zone,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.39 Class dnsZoneScope

A copy of a zone, but with a different set of resource records.

```
cn: Dns-Zone-Scope
ldapDisplayName: dnsZoneScope
governsId: 1.2.840.113556.1.5.301
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemPossSuperiors: dnsZoneScopeContainer
systemMustContain: dc
systemMayContain: dNSProperty, managedBy
schemaIdGuid: 696f8a61-2d3f-40ce-a4b3-e275dfcc49c5
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;CC;;;AU)(A;;RPLCLORC;;;WD)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Dns-Zone-Scope,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2016 operating system.

2.40 Class dnsZoneScopeContainer

The container for DNS Zone Scope objects.

```
cn: Dns-Zone-Scope-Container
ldapDisplayName: dnsZoneScopeContainer
governsId: 1.2.840.113556.1.5.300
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemPossSuperiors: dnsZone
schemaIdGuid: f2699093-f25a-4220-9deb-03df4cc4a9c5
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
```

```
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;CC;;;AU)(A;;RPLCLORC;;;WD)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Dns-Zone-Scope-Container,<SchemaNCDN>
systemFlags: FLAG SCHEMA BASE OBJECT
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2016.

2.41 Class document

Defines entries that represent documents.

```
cn: document
ldapDisplayName: document
governsId: 0.9.2342.19200300.100.4.6
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: documentIdentifier, documentPublisher, documentLocation,
 documentAuthor, documentVersion, documentTitle, ou, o, l, seeAlso,
 description, cn
possSuperiors: organizationalUnit, container
schemaIdGuid: 39bad96d-c2d6-4baf-88ab-7e4207600117
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=document,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.42 Class documentSeries

Defines an entry that represents a series of documents.

```
cn: documentSeries
ldapDisplayName: documentSeries
governsId: 0.9.2342.19200300.100.4.9
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn
mayContain: telephoneNumber, ou, o, l, seeAlso, description
possSuperiors: organizationalUnit, container
schemaIdGuid: 7a2be07c-302f-4b96-bc90-0795d66885f8
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=documentSeries,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.43 Class domain

Contains information about a domain.

```
cn: Domain
ldapDisplayName: domain
governsId: 1.2.840.113556.1.5.66
objectClassCategory: 2
rdnAttId: dc
subClassOf: top
systemMustContain: dc
systemPossSuperiors: domain, organization
schemaIdGuid: 19195a5a-6da0-11d0-afd3-00c04fd930c9
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Domain-DNS,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.44 Class domainDNS

A Windows NT operating system domain that has DNS-based (DC=) naming.

```
cn: Domain-DNS
ldapDisplayName: domainDNS
governsId: 1.2.840.113556.1.5.67
objectClassCategory: 1
rdnAttId: dc
subClassOf: domain
systemAuxiliaryClass: samDomain
systemMayContain: msDS-EnabledFeature, msDS-USNLastSyncSuccess,
 msDS-Behavior-Version, msDS-AllowedDNSSuffixes, managedBy,
 msDS-ExpirePasswordsOnSmartCardOnlyAccounts
systemPossSuperiors: domainDNS
schemaIdGuid: 19195a5b-6da0-11d0-afd3-00c04fd930c9
defaultSecurityDescriptor: D:
 (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;RO)(A;;RP;;;WD)
 (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;ED)
 (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;ED)
 (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;ED)
 (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;BA)
 (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;BA)
 (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;BA)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCRCWDWOSW;;;DA)(A;CI;RPWPCRLCLOCCRCWDWOSDSW;;;BA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
 (A;CI;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)(A;CI;LC;;;RU)
 (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;;RP;c7407360-20bf-11d0-a768-00aa006e0529;;RU)
 (OA;CIIO;RPLCLORC;;bf967a9c-0de6-11d0-a285-00aa003049e2;RU)
 (A;;RPRC;;;RU)
 (OA;CIIO;RPLCLORC;;bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (A;;LCRPLORC;;;ED)(OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
```

```
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RPLCLORC;;4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;RU)
 (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;AU)
 (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
 bf967aba-0de6-11d0-a285-00aa003049e2;ED)
 (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
 bf967a9c-0de6-11d0-a285-00aa003049e2;ED)
 (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
 bf967a86-0de6-11d0-a285-00aa003049e2;ED)
 (OA;CIIO;WP;ea1b7b93-5e48-46d5-bc6c-4df4fda78a35;
 bf967a86-0de6-11d0-a285-00aa003049e2;PS)
 (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;DD)
 (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;ED)
 (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;BA)
 (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;BA)
 (OA;;CR;e2a36dc9-ae17-47c3-b58b-be34c55ba633;;S-1-5-32-557)
 (OA;;CR;280f369c-67c7-438e-ae98-1d46f3c6f541;;AU)
 (OA;;CR;ccc2dc7d-a6ad-4a7a-8846-c04e3cc53501;;AU)
 (OA;;CR;05c74c5e-4deb-43b4-bd9f-86664c2a7fd5;;AU)
 (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;ED)
 (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;BA)
 (OA;CIIO;CRRPWP;91e647de-d96f-4b70-9557-d63ff4f3ccd8;;PS)
 (OA;CIOI;RPWP;3f78c3e5-f79a-46bd-a0b8-9d18116ddc79;;PS)
 S:(AU;SA;WDWOWP;;;WD)(AU;SA;CR;;;BA)(AU;SA;CR;;;DU)
 (OU;CISA;WP;f30e3bbe-9ff0-11d1-b603-0000f80367c1;
 bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
 (OU;CISA;WP;f30e3bbf-9ff0-11d1-b603-0000f80367c1;
 bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Domain-DNS,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.45 Class domainPolicy

Defines the Local Security Authority (LSA) policy for one or more domains.

```
cn: Domain-Policy
ldapDisplayName: domainPolicy
governsId: 1.2.840.113556.1.5.18
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMayContain: qualityOfService, pwdProperties, pwdHistoryLength,
 publicKeyPolicy, proxyLifetime, minTicketAge, minPwdLength,
 minPwdAge, maxTicketAge, maxRenewAge, maxPwdAge, managedBy,
 lockoutThreshold, lockoutDuration, lockOutObservationWindow,
 ipsecPolicyReference, forceLogoff, eFSPolicy, domainWidePolicy,
 domainPolicyReference, domainCAs, defaultLocalPolicyObject,
 authenticationOptions
systemPossSuperiors: organizationalUnit, domainDNS, container
schemaIdGuid: bf967a99-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Domain-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.46 Class domainRelatedObject

Defines an entry that represents a list of fully qualified domain names (FQDN) (see definition (2) for fully qualified domain name in [MS-ADTS], and also see [RFC1035] section 3.1 and [RFC2181] section 11).

```
cn: domainRelatedObject
ldapDisplayName: domainRelatedObject
governsId: 0.9.2342.19200300.100.4.17
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
mayContain: associatedDomain
schemaIdGuid: 8bfd2d3d-efda-4549-852c-f85e137aedc6
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=domainRelatedObject,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.47 Class dSA

The X.500 base class for dSA.

```
cn: DSA
ldapDisplayName: dSA
governsId: 2.5.6.13
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationEntity
systemMayContain: knowledgeInformation
systemPossSuperiors: server, computer
schemaIdGuid: 3fdfee52-47f4-11d1-a9c3-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=DSA,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.48 Class dSUISettings

Stores configuration settings that are used by the Active Directory Users and Computers snap-in.

```
cn: DS-UI-Settings
ldapDisplayName: dSUISettings
governsId: 1.2.840.113556.1.5.183
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-Non-Security-Group-Extra-Classes,
 msDS-Security-Group-Extra-Classes, msDS-FilterContainers,
 dSUIShellMaximum, dSUIAdminNotification, dSUIAdminMaximum
systemPossSuperiors: container
schemaIdGuid: 09b10f14-6f93-11d2-9905-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
```

```
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=DS-UI-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.49 Class dynamicObject

If present in an entry, this class indicates that this entry has a limited lifetime and can disappear automatically when its Time to Live (TTL) reaches 0. If the client has not supplied a value for the entryTtl attribute, the server provides one.

```
cn: Dynamic-Object
ldapDisplayName: dynamicObject
governsId: 1.3.6.1.4.1.1466.101.119.2
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-Entry-Time-To-Die, entryTTL
schemaIdGuid: 66d51249-3355-4c1f-b24e-81f252aca23b
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Dynamic-Object,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.50 Class fileLinkTracking

The container for fileLinkTrackingEntry objects.

```
cn: File-Link-Tracking
ldapDisplayName: fileLinkTracking
governsId: 1.2.840.113556.1.5.52
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: dd712229-10e4-11d0-a05f-00aa006c33ed
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=File-Link-Tracking,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.51 Class fileLinkTrackingEntry

Holds the GUID and the current machine information for a link-tracked file. GUID is defined in [MS-DTYP] section 2.3.4.

```
cn: File-Link-Tracking-Entry
ldapDisplayName: fileLinkTrackingEntry
```

```
governsId: 1.2.840.113556.1.5.59
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: fileLinkTracking
schemaIdGuid: 8e4eb2ed-4712-11d0-a1a0-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=File-Link-Tracking-Entry,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.52 Class foreignSecurityPrincipal

Defines an entry that represents a security principal that is external to the forest.

```
cn: Foreign-Security-Principal
ldapDisplayName: foreignSecurityPrincipal
governsId: 1.2.840.113556.1.5.76
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: objectSid
systemMayContain: foreignIdentifier
systemPossSuperiors: container
schemaIdGuid: 89e31c12-8530-11d0-afda-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
 (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
 (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
 (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
 (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
 (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
 (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)(A;;RC;;;AU)
 (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
 (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
 (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
 (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
 (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Foreign-Security-Principal,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.53 Class friendlyCountry

Defines country entries in the directory information tree.

```
cn: friendlyCountry
ldapDisplayName: friendlyCountry
governsId: 0.9.2342.19200300.100.4.18
objectClassCategory: 1
rdnAttId: cn
subClassOf: country
mustContain: co
schemaIdGuid: c498f152-dc6b-474a-9f52-7cdba3d7d351
```

```
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=friendlyCountry,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.54 Class fTDfs

Defines a single fault-tolerant DFS configuration.

```
cn: FT-Dfs
ldapDisplayName: fTDfs
governsId: 1.2.840.113556.1.5.43
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: remoteServerName, pKTGuid, pKT
systemMayContain: uNCName, managedBy, keywords
systemPossSuperiors: dfsConfiguration
schemaIdGuid: 8447f9f3-1027-11d0-a05f-00aa006c33ed
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=FT-Dfs,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.55 Class group

Stores a list of user names. This class is used to apply security principals on resources.

```
cn: Group
ldapDisplayName: group
governsId: 1.2.840.113556.1.5.8
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
auxiliaryClass: posixGroup
systemAuxiliaryClass: mailRecipient, securityPrincipal
systemMustContain: groupType
mayContain: msSFU30Name, msSFU30NisDomain, msSFU30PosixMember
systemMayContain: msDS-AzApplicationData,
 msDS-AzLastImportedBizRulePath, msDS-AzBizRuleLanguage,
 msDS-AzBizRule, msDS-AzGenericData, msDS-AzObjectGuid,
 primaryGroupToken, operatorCount, nTGroupMembers, nonSecurityMember,
 msDS-NonMembers, msDS-AzLDAPQuery, member, managedBy,
 groupMembershipSAM, groupAttributes, mail, desktopProfile,
 controlAccessRights, adminCount, msDS-PrimaryComputer,
 msDS-preferredDataLocation
systemPossSuperiors: msDS-AzScope, msDS-AzApplication,
 msDS-AzAdminManager, container, builtinDomain, organizationalUnit,
 domainDNS
schemaIdGuid: bf967a9c-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
 (OA;;CR;ab721a55-1e2f-11d0-9819-00aa0040529b;;AU)
```

```
    (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Group,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.56 Class groupOfNames

Used to define entries that represent an unordered set of names, which represent individual objects or other groups of names.

```
    cn: Group-Of-Names
ldapDisplayName: groupOfNames
governsId: 2.5.6.9
objectClassCategory: 0
rdnAttId: cn
subClassOf: top
systemMustContain: member, cn
systemMayContain: seeAlso, owner, ou, o, businessCategory
systemPossSuperiors: organizationalUnit, locality, organization,
 container
schemaIdGuid: bf967a9d-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Group-Of-Names,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.57 Class groupOfUniqueNames

Defines the entries for a group of unique names.

```
    cn: groupOfUniqueNames
ldapDisplayName: groupOfUniqueNames
governsId: 2.5.6.17
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: uniqueMember, cn
mayContain: seeAlso, owner, ou, o, description, businessCategory
possSuperiors: domainDNS, organizationalUnit, container
schemaIdGuid: 0310a911-93a3-4e21-a7a3-55d85ab2c48b
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=groupOfUniqueNames,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.58 Class groupPolicyContainer

Represents the Group Policy Object (GPO). This class is used to define Group Policy settings.

```
cn: Group-Policy-Container
ldapDisplayName: groupPolicyContainer
governsId: 1.2.840.113556.1.5.157
objectClassCategory: 1
rdnAttId: cn
subClassOf: container
systemMayContain: versionNumber, gPCWQLFilter, gPCUserExtensionNames,
 gPCMachineExtensionNames, gPCFunctionalityVersion, gPCFileSysPath,
 flags
schemaIdGuid: f30e3bc2-9ff0-11d1-b603-0000f80367c1
defaultSecurityDescriptor: D:P(A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;DA)
 (A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;EA)
 (A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;CO)
 (A;CI;RPWPCCDCLCLORCWOWDSDDTSW;;;SY)(A;CI;RPLCLORC;;;AU)
 (OA;CI;CR;edacfd8f-ffb3-11d1-b41d-00a0c968f939;;AU)
 (A;CI;LCRPLORC;;;ED)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Group-Policy-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.59 Class ieee802Device

A device that has a media access control (MAC) address.

```
cn: IEEE802Device
ldapDisplayName: ieee802Device
governsId: 1.3.6.1.1.1.2.11
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
mayContain: cn, macAddress
schemaIdGuid: a699e529-a637-4b7d-a0fb-5dc466a0b8a7
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=IEEE802Device,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.60 Class indexServerCatalog

Holds the information for an Index Server catalog.

```
cn: Index-Server-Catalog
ldapDisplayName: indexServerCatalog
governsId: 1.2.840.113556.1.5.130
objectClassCategory: 1
rdnAttId: cn
subClassOf: connectionPoint
systemMustContain: creator
systemMayContain: uNCName, queryPoint, indexedScopes, friendlyNames
systemPossSuperiors: organizationalUnit, container
schemaIdGuid: 7bfdcb8a-4807-11d1-a9c3-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Index-Server-Catalog,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.61 Class inetOrgPerson

Represents people who are associated with an organization.

```
cn: inetOrgPerson
ldapDisplayName: inetOrgPerson
governsId: 2.16.840.1.113730.3.2.2
objectClassCategory: 1
rdnAttId: cn
subClassOf: user
mayContain: x500uniqueIdentifier, userSMIMECertificate, userPKCS12,
 userCertificate, uid, secretary, roomNumber, preferredLanguage,
 photo, pager, o, mobile, manager, mail, labeledURI, jpegPhoto,
 initials, homePostalAddress, homePhone, givenName, employeeType,
 employeeNumber, displayName, departmentNumber, carLicense,
 businessCategory, audio
possSuperiors: domainDNS, organizationalUnit, container
schemaIdGuid: 4828cc14-1437-45bc-9b07-ad6f015e5f28
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
 (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
 (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
 (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
 (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
 (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
 (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)
 (OA;;RP;037088f8-0ae1-11d2-b422-00a0c968f939;;RS)
 (OA;;RP;4c164200-20c0-11d0-a768-00aa006e0529;;RS)
 (OA;;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;;RS)(A;;RC;;;AU)
 (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
 (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
 (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
 (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
 (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
 (OA;;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;;RS)
 (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
 (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
 (OA;;WPRP;6db69a1c-9422-11d1-aebd-0000f80367c1;;S-1-5-32-561)
 (OA;;WPRP;5805bc62-bdc9-4428-a5e2-856a0f4c185e;;S-1-5-32-561)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Person,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.62 Class infrastructureUpdate

Represents the infrastructure master for a domain.

```
cn: Infrastructure-Update
ldapDisplayName: infrastructureUpdate
governsId: 1.2.840.113556.1.5.175
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: dNReferenceUpdate
systemPossSuperiors: infrastructureUpdate, domain
```

```
schemaIdGuid: 2df90d89-009f-11d2-aa4c-00c04fd7d83a
defaultSecurityDescriptor: D:(A;;GA;;;SY)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=Infrastructure-Update,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.63 Class intellimirrorGroup

Remote boot legacy for managing groups of server machines.

```
cn: Intellimirror-Group
ldapDisplayName: intellimirrorGroup
governsId: 1.2.840.113556.1.5.152
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: domainDNS, organizationalUnit, container
schemaIdGuid: 07383086-91df-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;CCDC;;;CO)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Intellimirror-Group,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.64 Class intellimirrorSCP

Contains configuration information for the service that responds to Remote Boot clients that are requesting attention from a Remote Install Server.

```
cn: Intellimirror-SCP
ldapDisplayName: intellimirrorSCP
governsId: 1.2.840.113556.1.5.151
objectClassCategory: 1
rdnAttId: cn
subClassOf: serviceAdministrationPoint
systemMayContain: netbootTools, netbootServer, netbootNewMachineOU,
 netbootNewMachineNamingPolicy, netbootMaxClients,
 netbootMachineFilePath, netbootLocallyInstalledOSes,
 netbootLimitClients, netbootIntelliMirrorOSes,
 netbootCurrentClientCount, netbootAnswerRequests,
 netbootAnswerOnlyValidClients, netbootAllowNewClients
systemPossSuperiors: computer, intellimirrorGroup
schemaIdGuid: 07383085-91df-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Intellimirror-SCP,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.65 Class interSiteTransport

Contains information about the transport used for intersite replication. Objects of this class can contain information about IP or Simple Mail Transfer Protocol (SMTP) transport.

```
cn: Inter-Site-Transport
ldapDisplayName: interSiteTransport
governsId: 1.2.840.113556.1.5.141
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: transportDLLName, transportAddressAttribute
systemMayContain: replInterval, options
systemPossSuperiors: interSiteTransportContainer
schemaIdGuid: 26d97376-6070-11d1-a9c6-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Inter-Site-Transport,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.66 Class interSiteTransportContainer

Holds [interSiteTransport](#) objects.

```
cn: Inter-Site-Transport-Container
ldapDisplayName: interSiteTransportContainer
governsId: 1.2.840.113556.1.5.140
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: sitesContainer
schemaIdGuid: 26d97375-6070-11d1-a9c6-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Inter-Site-Transport-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.67 Class ipHost

An abstraction of a host; an IP device.

```
cn: IpHost
ldapDisplayName: ipHost
governsId: 1.3.6.1.1.1.2.6
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
mayContain: manager, cn, description, ipHostNumber, uid, l
schemaIdGuid: ab911646-8827-4f95-8780-5a8f008eb68f
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
```

```
defaultObjectCategory: CN=IpHost,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.68 Class ipNetwork

An abstraction of a network. The distinguished value of the cn attribute denotes the canonical name of the network.

```
cn: IpNetwork
ldapDisplayName: ipNetwork
governsId: 1.3.6.1.1.1.2.7
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn, ipNetworkNumber
mayContain: manager, description, ipNetmaskNumber, uid, l,
 msSFU30Name, msSFU30NisDomain, nisMapName, msSFU30Aliases
possSuperiors: domainDNS, nisMap, container, organizationalUnit
schemaIdGuid: d95836c3-143e-43fb-992a-b057f1ecadf9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=IpNetwork,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.69 Class ipProtocol

An abstraction of an IP protocol.

```
cn: IpProtocol
ldapDisplayName: ipProtocol
governsId: 1.3.6.1.1.1.2.4
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn, ipProtocolNumber
mayContain: description, msSFU30Name, msSFU30NisDomain, nisMapName,
 msSFU30Aliases
possSuperiors: domainDNS, nisMap, container, organizationalUnit
schemaIdGuid: 9c2dcbd2-fbf0-4dc7-ace0-8356dcd0f013
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=IpProtocol,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.70 Class ipsecBase

An Internet Protocol security (IPsec) base class from which all IPsec classes are derived.

```
cn: Ipsec-Base
ldapDisplayName: ipsecBase
governsId: 1.2.840.113556.1.5.7000.56
```

```
objectClassCategory: 2
rdnAttId: cn
subClassOf: top
systemMayContain: ipsecOwnersReference, ipsecName, ipsecID,
 ipsecDataType, ipsecData
schemaIdGuid: b40ff825-427a-11d1-a9c2-0000f80367c1
defaultSecurityDescriptor: D:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Ipsec-Base,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.71 Class ipsecFilter

A filter expression for applying security.

```
cn: Ipsec-Filter
ldapDisplayName: ipsecFilter
governsId: 1.2.840.113556.1.5.118
objectClassCategory: 1
rdnAttId: cn
subClassOf: ipsecBase
systemPossSuperiors: organizationalUnit, computer, container
schemaIdGuid: b40ff826-427a-11d1-a9c2-0000f80367c1
defaultSecurityDescriptor: D:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Ipsec-Filter,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.72 Class ipsecISAKMPPolicy

This class is for internal use only.

```
cn: Ipsec-ISAKMP-Policy
ldapDisplayName: ipsecISAKMPPolicy
governsId: 1.2.840.113556.1.5.120
objectClassCategory: 1
rdnAttId: cn
subClassOf: ipsecBase
systemPossSuperiors: container, computer, organizationalUnit
schemaIdGuid: b40ff828-427a-11d1-a9c2-0000f80367c1
defaultSecurityDescriptor: D:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Ipsec-ISAKMP-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.73 Class ipsecNegotiationPolicy

This class is for internal use only.

```
cn: Ipsec-Negotiation-Policy
```

```
ldapDisplayName: ipsecNegotiationPolicy
governsId: 1.2.840.113556.1.5.119
objectClassCategory: 1
rdnAttId: cn
subClassOf: ipsecBase
systemMayContain: iPSECNegotiationPolicyType,
 iPSECNegotiationPolicyAction
systemPossSuperiors: organizationalUnit, computer, container
schemaIdGuid: b40ff827-427a-11d1-a9c2-0000f80367c1
defaultSecurityDescriptor: D:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Ipsec-Negotiation-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.74 Class ipsecNFA

This class is for internal use only.

```
cn: Ipsec-NFA
ldapDisplayName: ipsecNFA
governsId: 1.2.840.113556.1.5.121
objectClassCategory: 1
rdnAttId: cn
subClassOf: ipsecBase
systemMayContain: ipsecNegotiationPolicyReference,
 ipsecFilterReference
systemPossSuperiors: container, computer, organizationalUnit
schemaIdGuid: b40ff829-427a-11d1-a9c2-0000f80367c1
defaultSecurityDescriptor: D:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Ipsec-NFA,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.75 Class ipsecPolicy

This class is for internal use only.

```
cn: Ipsec-Policy
ldapDisplayName: ipsecPolicy
governsId: 1.2.840.113556.1.5.98
objectClassCategory: 1
rdnAttId: cn
subClassOf: ipsecBase
systemMayContain: ipsecNFAReference, ipsecISAKMPReference
systemPossSuperiors: organizationalUnit, computer, container
schemaIdGuid: b7b13121-b82e-11d0-afee-0000f80367c1
defaultSecurityDescriptor: D:
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Ipsec-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.76 Class ipService

An abstraction of an IP service.

```
cn: IpService
ldapDisplayName: ipService
governsId: 1.3.6.1.1.1.2.3
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: ipServiceProtocol, ipServicePort, cn
mayContain: description, msSFU30Name, msSFU30NisDomain,
 msSFU30Aliases, nisMapName
possSuperiors: domainDNS, nisMap, container, organizationalUnit
schemaIdGuid: 2517fadf-fa97-48ad-9de6-79ac5721f864
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=IpService,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.77 Class leaf

A base class for leaf objects.

```
cn: Leaf
ldapDisplayName: leaf
governsId: 1.2.840.113556.1.5.20
objectClassCategory: 2
rdnAttId: cn
subClassOf: top
schemaIdGuid: bf967a9e-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Leaf,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.78 Class licensingSiteSettings

Points to the licensing server for a site.

```
cn: Licensing-Site-Settings
ldapDisplayName: licensingSiteSettings
governsId: 1.2.840.113556.1.5.78
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationSiteSettings
systemMayContain: siteServer
systemPossSuperiors: site
schemaIdGuid: 1be8f17d-a9ff-11d0-afe2-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Licensing-Site-Settings,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.79 Class linkTrackObjectMoveTable

A container for linkTrackOMTEntry objects.

```
cn: Link-Track-Object-Move-Table
ldapDisplayName: linkTrackObjectMoveTable
governsId: 1.2.840.113556.1.5.91
objectClassCategory: 1
rdnAttId: cn
subClassOf: fileLinkTracking
systemPossSuperiors: fileLinkTracking
schemaIdGuid: ddac0cf5-af8f-11d0-afeb-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Link-Track-Object-Move-Table,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.80 Class linkTrackOMTEntry

Tracks the link for objects that have moved.

```
cn: Link-Track-OMT-Entry
ldapDisplayName: linkTrackOMTEntry
governsId: 1.2.840.113556.1.5.93
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMayContain: timeRefresh, oMTIndxGuid, oMTGuid, currentLocation,
 birthLocation
systemPossSuperiors: linkTrackObjectMoveTable
schemaIdGuid: ddac0cf7-af8f-11d0-afeb-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Link-Track-OMT-Entry,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.81 Class linkTrackVolEntry

The entry for a link to a file on a volume.

```
cn: Link-Track-Vol-Entry
ldapDisplayName: linkTrackVolEntry
governsId: 1.2.840.113556.1.5.92
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMayContain: volTableIdxGUID, volTableGUID, timeVolChange,
```

```
 timeRefresh, seqNotification, objectCount, linkTrackSecret,
 currMachineId
systemPossSuperiors: linkTrackVolumeTable
schemaIdGuid: ddac0cf6-af8f-11d0-afeb-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Link-Track-Vol-Entry,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.82 Class linkTrackVolumeTable

A container for linkTrackVolEntry objects.

```
cn: Link-Track-Volume-Table
ldapDisplayName: linkTrackVolumeTable
governsId: 1.2.840.113556.1.5.90
objectClassCategory: 1
rdnAttId: cn
subClassOf: fileLinkTracking
systemPossSuperiors: fileLinkTracking
schemaIdGuid: ddac0cf4-af8f-11d0-afeb-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Link-Track-Volume-Table,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.83 Class locality

Contains a locality, such as a street address, city, and state.

```
cn: Locality
ldapDisplayName: locality
governsId: 2.5.6.3
objectClassCategory: 1
rdnAttId: l
subClassOf: top
systemMustContain: l
systemMayContain: street, st, seeAlso, searchGuide
systemPossSuperiors: domainDNS, country, organizationalUnit,
 organization, locality
schemaIdGuid: bf967aa0-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Locality,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.84 Class lostAndFound

A special container for orphaned objects.

```
cn: Lost-And-Found
ldapDisplayName: lostAndFound
governsId: 1.2.840.113556.1.5.139
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: moveTreeState
systemPossSuperiors: configuration, domainDNS, dMD
schemaIdGuid: 52ab8671-5709-11d1-a9c6-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Lost-And-Found,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.85 Class mailRecipient

Stores email configuration information.

```
cn: Mail-Recipient
ldapDisplayName: mailRecipient
governsId: 1.2.840.113556.1.3.46
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
systemMustContain: cn
mayContain: msDS-PhoneticDisplayName, userSMIMECertificate,
 secretary, msExchLabeledURI, msExchAssistantName, labeledURI,
 msDS-GeoCoordinatesAltitude, msDS-GeoCoordinatesLatitude,
 msDS-GeoCoordinatesLongitude, msDS-ExternalDirectoryObjectId
systemMayContain: userCertificate, userCert, textEncodedORAddress,
 telephoneNumber, showInAddressBook, legacyExchangeDN,
 garbageCollPeriod, info
systemPossSuperiors: container
schemaIdGuid: bf967aa1-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Mail-Recipient,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.86 Class meeting

Stores information for setting up a meeting.

```
cn: Meeting
ldapDisplayName: meeting
governsId: 1.2.840.113556.1.5.104
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: meetingName
```

```
systemMayContain: meetingURL, meetingType, meetingStartTime,
 meetingScope, meetingRecurrence, meetingRating, meetingProtocol,
 meetingOwner, meetingOriginator, meetingMaxParticipants,
 meetingLocation, meetingLanguage, meetingKeyword,
 meetingIsEncrypted, meetingIP, meetingID, meetingEndTime,
 meetingDescription, meetingContactInfo, meetingBlob,
 meetingBandwidth, meetingApplication, meetingAdvertiseScope
systemPossSuperiors: container
schemaIdGuid: 11b6cc94-48c4-11d1-a9c3-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Meeting,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.87 Class ms-net-ieee-80211-GroupPolicy

This class represents an 802.11 wireless network Group Policy Object and contains identifiers and configuration data relevant to an 802.11 wireless network.

```
cn: ms-net-ieee-80211-GroupPolicy
lDAPDisplayName: ms-net-ieee-80211-GroupPolicy
governsID: 1.2.840.113556.1.5.251
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemMayContain: ms-net-ieee-80211-GP-PolicyReserved,
 ms-net-ieee-80211-GP-PolicyData, ms-net-ieee-80211-GP-PolicyGUID
systemPossSuperiors: computer, container, person
schemaIDGUID: 1cb81863-b822-4379-9ea2-5ff7bdc6386d
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-net-ieee-80211-GroupPolicy,
 <SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.88 Class ms-net-ieee-8023-GroupPolicy

This class represents an 802.3 wired network GPO and contains identifiers and configuration data that are relevant to an 802.3 wired network.

```
cn: ms-net-ieee-8023-GroupPolicy
lDAPDisplayName: ms-net-ieee-8023-GroupPolicy
governsID: 1.2.840.113556.1.5.252
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemMayContain: ms-net-ieee-8023-GP-PolicyReserved,
 ms-net-ieee-8023-GP-PolicyData, ms-net-ieee-8023-GP-PolicyGUID
systemPossSuperiors: computer, container, person
schemaIDGUID: 99a03a6a-ab19-4446-9350-0cb878ed2d9b
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
```

```
defaultObjectCategory: CN=ms-net-ieee-8023-GroupPolicy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.89 Class mS-SQL-OLAPCube

Stores Microsoft SQL Server online analytical processing (OLAP) cube properties.

```
cn: MS-SQL-OLAPCube
ldapDisplayName: mS-SQL-OLAPCube
governsId: 1.2.840.113556.1.5.190
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
 mS-SQL-InformationURL, mS-SQL-Status, mS-SQL-LastUpdatedDate,
 mS-SQL-Size, mS-SQL-Description, mS-SQL-Contact, mS-SQL-Name
systemPossSuperiors: mS-SQL-OLAPDatabase
schemaIdGuid: 09f0506a-cd28-11d2-9993-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MS-SQL-OLAPCube,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.90 Class mS-SQL-OLAPDatabase

A container that stores mS-SQL-OLAPCube objects.

```
cn: MS-SQL-OLAPDatabase
ldapDisplayName: mS-SQL-OLAPDatabase
governsId: 1.2.840.113556.1.5.189
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
 mS-SQL-ConnectionURL, mS-SQL-InformationURL, mS-SQL-Status,
 mS-SQL-Applications, mS-SQL-LastBackupDate, mS-SQL-LastUpdatedDate,
 mS-SQL-Size, mS-SQL-Type, mS-SQL-Description, mS-SQL-Contact,
 mS-SQL-Name
systemPossSuperiors: mS-SQL-OLAPServer
schemaIdGuid: 20af031a-ccef-11d2-9993-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MS-SQL-OLAPDatabase,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.91 Class mS-SQL-OLAPServer

A container that stores mS-SQL-OLAPDatabase objects.

```
cn: MS-SQL-OLAPServer
ldapDisplayName: mS-SQL-OLAPServer
governsId: 1.2.840.113556.1.5.185
objectClassCategory: 1
rdnAttId: cn
subClassOf: serviceConnectionPoint
systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
 mS-SQL-InformationURL, mS-SQL-Status, mS-SQL-Language,
 mS-SQL-ServiceAccount, mS-SQL-Contact, mS-SQL-RegisteredOwner,
 mS-SQL-Build, mS-SQL-Version, mS-SQL-Name
systemPossSuperiors: serviceConnectionPoint
schemaIdGuid: 0c7e18ea-ccef-11d2-9993-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MS-SQL-OLAPServer,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.92 Class mS-SQL-SQLDatabase

Stores SQL Server database properties.

```
cn: MS-SQL-SQLDatabase
ldapDisplayName: mS-SQL-SQLDatabase
governsId: 1.2.840.113556.1.5.188
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mS-SQL-Keywords, mS-SQL-InformationURL,
 mS-SQL-Status, mS-SQL-Applications, mS-SQL-LastDiagnosticDate,
 mS-SQL-LastBackupDate, mS-SQL-CreationDate, mS-SQL-Size,
 mS-SQL-Contact, mS-SQL-Alias, mS-SQL-Description, mS-SQL-Name
systemPossSuperiors: mS-SQL-SQLServer
schemaIdGuid: 1d08694a-ccef-11d2-9993-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MS-SQL-SQLDatabase,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.93 Class mS-SQL-SQLPublication

Stores SQL Server publication properties. This class permits the user to browse the publications that are available for subscription.

```
cn: MS-SQL-SQLPublication
ldapDisplayName: mS-SQL-SQLPublication
governsId: 1.2.840.113556.1.5.187
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mS-SQL-ThirdParty,
 mS-SQL-AllowSnapshotFilesFTPDownloading,
 mS-SQL-AllowQueuedUpdatingSubscription,
 mS-SQL-AllowImmediateUpdatingSubscription,
 mS-SQL-AllowKnownPullSubscription, mS-SQL-Publisher,
```

```
 mS-SQL-AllowAnonymousSubscription, mS-SQL-Database, mS-SQL-Type,
 mS-SQL-Status, mS-SQL-Description, mS-SQL-Name
systemPossSuperiors: mS-SQL-SQLServer
schemaIdGuid: 17c2f64e-ccef-11d2-9993-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MS-SQL-SQLPublication,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.94 Class mS-SQL-SQLRepository

Stores SQL Server repository properties.

```
cn: MS-SQL-SQLRepository
ldapDisplayName: mS-SQL-SQLRepository
governsId: 1.2.840.113556.1.5.186
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mS-SQL-InformationDirectory, mS-SQL-Version,
 mS-SQL-Description, mS-SQL-Status, mS-SQL-Build, mS-SQL-Contact,
 mS-SQL-Name
systemPossSuperiors: mS-SQL-SQLServer
schemaIdGuid: 11d43c5c-ccef-11d2-9993-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MS-SQL-SQLRepository,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.95 Class mS-SQL-SQLServer

A container that stores mS-SQL-SQLDatabase, mS-SQL-SQLPublication, and mS-SQL-SQLRepository objects.

```
cn: MS-SQL-SQLServer
ldapDisplayName: mS-SQL-SQLServer
governsId: 1.2.840.113556.1.5.184
objectClassCategory: 1
rdnAttId: cn
subClassOf: serviceConnectionPoint
systemMayContain: mS-SQL-Keywords, mS-SQL-GPSHeight,
 mS-SQL-GPSLongitude, mS-SQL-GPSLatitude, mS-SQL-InformationURL,
 mS-SQL-LastUpdatedDate, mS-SQL-Status, mS-SQL-Vines,
 mS-SQL-AppleTalk, mS-SQL-TCPIP, mS-SQL-SPX, mS-SQL-MultiProtocol,
 mS-SQL-NamedPipe, mS-SQL-Clustered, mS-SQL-UnicodeSortOrder,
 mS-SQL-SortOrder, mS-SQL-CharacterSet, mS-SQL-ServiceAccount,
 mS-SQL-Build, mS-SQL-Memory, mS-SQL-Location, mS-SQL-Contact,
 mS-SQL-RegisteredOwner, mS-SQL-Name
systemPossSuperiors: serviceConnectionPoint
schemaIdGuid: 05f6c878-ccef-11d2-9993-0000f87a57d4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
```

```
defaultObjectCategory: CN=MS-SQL-SQLServer,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.96 Class msAuthz-CentralAccessPolicies

A container of this class can contain Central Access Policy objects.

```
cn: ms-Authz-Central-Access-Policies
ldapDisplayName: msAuthz-CentralAccessPolicies
governsId: 1.2.840.113556.1.4.2161
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: 555c21c3-a136-455a-9397-796bbd358e25
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Authz-Central-Access-Policies,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.97 Class msAuthz-CentralAccessPolicy

A class that defines Central Access Policy objects.

```
cn: ms-Authz-Central-Access-Policy
ldapDisplayName: msAuthz-CentralAccessPolicy
governsId: 1.2.840.113556.1.4.2164
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msAuthz-MemberRulesInCentralAccessPolicy,
 msAuthz-CentralAccessPolicyID
systemPossSuperiors: msAuthz-CentralAccessPolicies
schemaIdGuid: a5679cb0-6f9d-432c-8b75-1e3e834f02aa
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Authz-Central-Access-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.98 Class msAuthz-CentralAccessRule

A class that defines central access rules used to construct a central access policy.

```
cn: ms-Authz-Central-Access-Rule
ldapDisplayName: msAuthz-CentralAccessRule
governsId: 1.2.840.113556.1.4.2163
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
```

```
systemMayContain: msAuthz-ResourceCondition,
 msAuthz-MemberRulesInCentralAccessPolicyBL, msAuthz-LastEffectiveSecurityPolicy,
 msAuthz-ProposedSecurityPolicy, msAuthz-EffectiveSecurityPolicy, Enabled
systemPossSuperiors: msAuthz-CentralAccessRules
schemaIdGuid: 5b4a06dc-251c-4edb-8813-0bdd71327226
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Authz-Central-Access-Rule,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.99 Class msAuthz-CentralAccessRules

A container of this class can contain Central Access Policy Entry objects.

```
cn: ms-Authz-Central-Access-Rules
ldapDisplayName: msAuthz-CentralAccessRules
governsId: 1.2.840.113556.1.4.2162
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: 99bb1b7a-606d-4f8b-800e-e15be554ca8d
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Authz-Central-Access-Rules,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.100 Class msCOM-Partition

A namespace that is used by COM+ to allow multiple versions of the same COM+ application to exist on the same physical machine.

```
cn: ms-COM-Partition
ldapDisplayName: msCOM-Partition
governsId: 1.2.840.113556.1.5.193
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msCOM-ObjectId
systemPossSuperiors: domainDNS, organizationalUnit, container
schemaIdGuid: c9010e74-4e58-49f7-8a89-5e3e2340fcf8
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-COM-Partition,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.101 Class msCOM-PartitionSet

A conceptual collection of COM+ partitions.

```
cn: ms-COM-PartitionSet
ldapDisplayName: msCOM-PartitionSet
governsId: 1.2.840.113556.1.5.194
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msCOM-PartitionLink, msCOM-DefaultPartitionLink,
 msCOM-ObjectId
systemPossSuperiors: domainDNS, organizationalUnit, container
schemaIdGuid: 250464ab-c417-497a-975a-9e0d459a7ca1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-COM-PartitionSet,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.102 Class msDFS-DeletedLinkv2

A DFS link in the DFS namespace.

```
cn: ms-DFS-Deleted-Link-v2
ldapDisplayName: msDFS-DeletedLinkv2
governsId: 1.2.840.113556.1.5.260
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDFS-NamespaceIdentityGUIDv2,
 msDFS-LinkIdentityGUIDv2, msDFS-LastModifiedv2, msDFS-LinkPathv2
systemMayContain: msDFS-Commentv2, msDFS-ShortNameLinkPathv2
systemPossSuperiors: msDFS-Namespacev2
schemaIdGuid: 25173408-04ca-40e8-865e-3f9ce9bf1bd3
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFS-Deleted-Link-v2,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.103 Class msDFS-Linkv2

A DFS link in the DFS namespace.

```
cn: ms-DFS-Link-v2
ldapDisplayName: msDFS-Linkv2
governsId: 1.2.840.113556.1.5.259
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDFS-GenerationGUIDv2,
 msDFS-NamespaceIdentityGUIDv2, msDFS-LinkIdentityGUIDv2,
 msDFS-LastModifiedv2, msDFS-Ttlv2, msDFS-TargetListv2,
 msDFS-Propertiesv2, msDFS-LinkPathv2
```

```
systemMayContain: msDFS-Commentv2, msDFS-LinkSecurityDescriptorv2,
 msDFS-ShortNameLinkPathv2
systemPossSuperiors: msDFS-Namespacev2
schemaIdGuid: 7769fb7a-1159-4e96-9ccd-68bc487073eb
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFS-Link-v2,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.104 Class msDFS-NamespaceAnchor

A DFS namespace anchor.

```
cn: ms-DFS-Namespace-Anchor
ldapDisplayName: msDFS-NamespaceAnchor
governsId: 1.2.840.113556.1.5.257
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDFS-SchemaMajorVersion
systemPossSuperiors: dfsConfiguration
schemaIdGuid: da73a085-6e64-4d61-b064-015d04164795
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFS-Namespace-Anchor,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.105 Class msDFS-Namespacev2

A DFS namespace.

```
cn: ms-DFS-Namespace-v2
ldapDisplayName: msDFS-Namespacev2
governsId: 1.2.840.113556.1.5.258
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDFS-SchemaMajorVersion,
 msDFS-SchemaMinorVersion, msDFS-GenerationGUIDv2,
 msDFS-NamespaceIdentityGUIDv2, msDFS-LastModifiedv2, msDFS-Ttlv2,
 msDFS-TargetListv2, msDFS-Propertiesv2
systemMayContain: msDFS-Commentv2
systemPossSuperiors: msDFS-NamespaceAnchor
schemaIdGuid: 21cb8628-f3c3-4bbf-bff6-060b2d8f299a
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFS-Namespace-v2,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.106 Class msDFSR-Connection

A directional connection between two members.

```
cn: ms-DFSR-Connection
ldapDisplayName: msDFSR-Connection
governsId: 1.2.840.113556.1.6.13.4.10
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: fromServer
mayContain: msDFSR-Options2, msDFSR-DisablePacketPrivacy,
 msDFSR-Priority, msDFSR-Enabled, msDFSR-RdcEnabled,
 msDFSR-RdcMinFileSizeInKb, msDFSR-Keywords, msDFSR-Schedule,
 msDFSR-Flags, msDFSR-Options, msDFSR-Extension
possSuperiors: msDFSR-Member
schemaIdGuid: e58f972e-64b5-46ef-8d8b-bbc3e1897eab
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-Connection,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.107 Class msDFSR-Content

A container for msDFSR-ContentSet objects.

```
cn: ms-DFSR-Content
ldapDisplayName: msDFSR-Content
governsId: 1.2.840.113556.1.6.13.4.6
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
 msDFSR-Extension
possSuperiors: msDFSR-ReplicationGroup
schemaIdGuid: 64759b35-d3a1-42e4-b5f1-a3de162109b3
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-Content,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.108 Class msDFSR-ContentSet

A Distributed File System Replication (DFSR) content set.

```
cn: ms-DFSR-ContentSet
ldapDisplayName: msDFSR-ContentSet
governsId: 1.2.840.113556.1.6.13.4.7
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msDFSR-Options2, msDFSR-OnDemandExclusionDirectoryFilter,
```

```
 msDFSR-OnDemandExclusionFileFilter,
 msDFSR-DefaultCompressionExclusionFilter, msDFSR-DeletedSizeInMb,
 msDFSR-Priority, msDFSR-ConflictSizeInMb, msDFSR-StagingSizeInMb,
 msDFSR-RootSizeInMb, description, msDFSR-DfsPath, msDFSR-FileFilter,
 msDFSR-DirectoryFilter, msDFSR-Flags, msDFSR-Options,
 msDFSR-Extension
possSuperiors: msDFSR-Content
schemaIdGuid: 4937f40d-a6dc-4d48-97ca-06e5fbfd3f16
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-ContentSet,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.109 Class msDFSR-GlobalSettings

The global settings that are applicable to all replication group members.

```
cn: ms-DFSR-GlobalSettings
ldapDisplayName: msDFSR-GlobalSettings
governsId: 1.2.840.113556.1.6.13.4.4
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
 msDFSR-Extension
possSuperiors: container
schemaIdGuid: 7b35dbad-b3ec-486a-aad4-2fec9d6ea6f6
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-GlobalSettings,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.110 Class msDFSR-LocalSettings

The DFSR settings that are applicable to a local computer.

```
cn: ms-DFSR-LocalSettings
ldapDisplayName: msDFSR-LocalSettings
governsId: 1.2.840.113556.1.6.13.4.1
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msDFSR-StagingCleanupTriggerInPercent,
 msDFSR-CommonStagingSizeInMb, msDFSR-CommonStagingPath,
 msDFSR-Options2, msDFSR-Version, msDFSR-Flags, msDFSR-Options,
 msDFSR-Extension
possSuperiors: computer
schemaIdGuid: fa85c591-197f-477e-83bd-ea5a43df2239
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
```

```
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-LocalSettings,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.111 Class msDFSR-Member

A replication group member.

```
cn: ms-DFSR-Member
ldapDisplayName: msDFSR-Member
governsId: 1.2.840.113556.1.6.13.4.9
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: msDFSR-ComputerReference
mayContain: msDFSR-Options2, serverReference, msDFSR-Keywords,
 msDFSR-Flags, msDFSR-Options, msDFSR-Extension
possSuperiors: msDFSR-Topology
schemaIdGuid: 4229c897-c211-437c-a5ae-dbf705b696e5
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-Member,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.112 Class msDFSR-ReplicationGroup

A replication group container.

```
cn: ms-DFSR-ReplicationGroup
ldapDisplayName: msDFSR-ReplicationGroup
governsId: 1.2.840.113556.1.6.13.4.5
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: msDFSR-ReplicationGroupType
mayContain: msDFSR-Options2, msDFSR-OnDemandExclusionDirectoryFilter,
 msDFSR-OnDemandExclusionFileFilter,
 msDFSR-DefaultCompressionExclusionFilter, msDFSR-DeletedSizeInMb,
 msDFSR-DirectoryFilter, msDFSR-FileFilter, msDFSR-ConflictSizeInMb,
 msDFSR-StagingSizeInMb, msDFSR-RootSizeInMb, description,
 msDFSR-TombstoneExpiryInMin, msDFSR-Flags, msDFSR-Options,
 msDFSR-Extension, msDFSR-Schedule, msDFSR-Version
possSuperiors: msDFSR-GlobalSettings
schemaIdGuid: 1c332fe0-0c2a-4f32-afca-23c5e45a9e77
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-ReplicationGroup,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.113 Class msDFSR-Subscriber

Represents local computer membership of a replication group.

```
cn: ms-DFSR-Subscriber
ldapDisplayName: msDFSR-Subscriber
governsId: 1.2.840.113556.1.6.13.4.2
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: msDFSR-MemberReference, msDFSR-ReplicationGroupGuid
mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
 msDFSR-Extension
possSuperiors: msDFSR-LocalSettings
schemaIdGuid: e11505d7-92c4-43e7-bf5c-295832ffc896
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-Subscriber,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.114 Class msDFSR-Subscription

Represents local computer participation of a content set.

```
cn: ms-DFSR-Subscription
ldapDisplayName: msDFSR-Subscription
governsId: 1.2.840.113556.1.6.13.4.3
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: msDFSR-ContentSetGuid, msDFSR-ReplicationGroupGuid
mayContain: msDFSR-StagingCleanupTriggerInPercent, msDFSR-Options2,
 msDFSR-OnDemandExclusionDirectoryFilter,
 msDFSR-OnDemandExclusionFileFilter, msDFSR-MaxAgeInCacheInMin,
 msDFSR-MinDurationCacheInMin, msDFSR-CachePolicy, msDFSR-ReadOnly,
 msDFSR-DeletedSizeInMb, msDFSR-DeletedPath, msDFSR-RootPath,
 msDFSR-RootSizeInMb, msDFSR-StagingPath, msDFSR-StagingSizeInMb,
 msDFSR-ConflictPath, msDFSR-ConflictSizeInMb, msDFSR-Enabled,
 msDFSR-RootFence, msDFSR-DfsLinkTarget, msDFSR-Flags,
 msDFSR-Options, msDFSR-Extension
possSuperiors: msDFSR-Subscriber
schemaIdGuid: 67212414-7bcc-4609-87e0-088dad8abdee
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-Subscription,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.115 Class msDFSR-Topology

A container for objects that form the replication topology.

```
cn: ms-DFSR-Topology
```

```
ldapDisplayName: msDFSR-Topology
governsId: 1.2.840.113556.1.6.13.4.8
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
 msDFSR-Extension
possSuperiors: msDFSR-ReplicationGroup
schemaIdGuid: 04828aa9-6e42-4e80-b962-e2fe00754d17
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DFSR-Topology,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.116 Class msDNS-ServerSettings

Stores state information for DNS. The msDNS-KeymasterZones attribute is used to store values.

```
cn: ms-DNS-Server-Settings
ldapDisplayName: msDNS-ServerSettings
governsId: 1.2.840.113556.1.4.2129
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDNS-KeymasterZones
systemPossSuperiors: server
schemaIdGuid: ef2fc3ed-6e18-415b-99e4-3114a8cb124b
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DNS-Server-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.117 Class msDS-App-Configuration

Stores the settings information for an application. The msDS-Settings attribute is used to store the actual values.

```
cn: ms-DS-App-Configuration
ldapDisplayName: msDS-App-Configuration
governsId: 1.2.840.113556.1.5.220
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationSettings
mayContain: owner, msDS-ObjectReference, msDS-Integer, msDS-DateTime,
 msDS-ByteArray, managedBy, keywords
possSuperiors: organizationalUnit, computer, container
schemaIdGuid: 90df3c3e-1854-4455-a5d7-cad40d56657a
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-App-Configuration,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.118 Class msDS-AppData

Stores data that is used by an object. For example, stores profile information for a user object.

```
cn: ms-DS-App-Data
ldapDisplayName: msDS-AppData
governsId: 1.2.840.113556.1.5.241
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationSettings
mayContain: owner, msDS-ObjectReference, msDS-Integer, msDS-DateTime,
 msDS-ByteArray, managedBy, keywords
possSuperiors: organizationalUnit, computer, container
schemaIdGuid: 9e67d761-e327-4d55-bc95-682f875e2f8e
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-App-Data,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.119 Class msDS-AuthNPolicies

A container of this class can contain authentication policy objects.

```
cn: ms-DS-AuthN-Policies
ldapDisplayName: msDS-AuthNPolicies
governsId: 1.2.840.113556.1.5.293
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: 3a9adf5d-7b97-4f7e-abb4-e5b55c1c06b4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
systemFlags: FLAG_SCHEMA_BASE_OBJECT
defaultObjectCategory: CN=ms-DS-AuthN-Policies,<SchemaNCDN>
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2 operating system.

2.120 Class msDS-AuthNPolicy

An instance of this class defines authentication policy behaviors for assigned principals.

```
cn: ms-DS-AuthN-Policy
ldapDisplayName: msDS-AuthNPolicy
governsId: 1.2.840.113556.1.5.294
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-UserAllowedToAuthenticateTo,
 msDS-UserAllowedToAuthenticateFrom, msDS-UserTGTLifetime,
 msDS-ComputerAllowedToAuthenticateTo, msDS-ComputerTGTLifetime,
 msDS-ServiceAllowedToAuthenticateTo, msDS-ServiceAllowedToAuthenticateFrom,
 msDS-ServiceTGTLifetime, msDS-UserAuthNPolicyBL, msDS-ComputerAuthNPolicyBL,
```

```
    msDS-ServiceAuthNPolicyBL, msDS-AssignedAuthNPolicyBL,
    msDS-AuthNPolicyEnforced, msDS-UserAllowedNTLMNetworkAuthentication,
    msDS-ServiceAllowedNTLMNetworkAuthentication, msDS-StrongNTLMPolicy
    systemPossSuperiors: msDS-AuthNPolicies
    schemaIdGuid: ab6a1156-4dc7-40f5-9180-8e4ce42fe5cd
    defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
    defaultHidingValue: FALSE
    systemOnly: FALSE
    systemFlags: FLAG_SCHEMA_BASE_OBJECT
    defaultObjectCategory: CN=ms-DS-AuthN-Policy,<SchemaNCDN>
    showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2.

2.121 Class msDS-AuthNPolicySilo

An instance of this class defines authentication policies and related behaviors for assigned users, computers, and services.

```
    cn: ms-DS-AuthN-Policy-Silo
    ldapDisplayName: msDS-AuthNPolicySilo
    governsId: 1.2.840.113556.1.5.292
    objectClassCategory: 1
    rdnAttId: cn
    subClassOf: top
    systemPossSuperiors: msDS-AuthNPolicySilos
    systemMayContain: msDS-AuthNPolicySiloMembers, msDS-UserAuthNPolicy,
     msDS-ComputerAuthNPolicy, msDS-ServiceAuthNPolicy,
     msDS-AssignedAuthNPolicySiloBL, msDS-AuthNPolicySiloEnforced
    schemaIdGuid: f9f0461e-697d-4689-9299-37e61d617b0d
    defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
    defaultHidingValue: FALSE
    systemOnly: FALSE
    systemFlags: FLAG_SCHEMA_BASE_OBJECT
    defaultObjectCategory: CN=ms-DS-AuthN-Policy-Silo,<SchemaNCDN>
    showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2.

2.122 Class msDS-AuthNPolicySilos

A container of this class can contain authentication policy silo objects.

```
    cn: ms-DS-AuthN-Policy-Silos
    ldapDisplayName: msDS-AuthNPolicySilos
    governsId: 1.2.840.113556.1.5.291
    objectClassCategory: 1
    rdnAttId: cn
    subClassOf: top
    systemPossSuperiors: container
    schemaIdGuid: d2b1470a-8f84-491e-a752-b401ee00fe5c
    defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
    defaultHidingValue: TRUE
    systemOnly: FALSE
    systemFlags: FLAG_SCHEMA_BASE_OBJECT
    defaultObjectCategory: CN=ms-DS-AuthN-Policy-Silos,<SchemaNCDN>
    showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2.

2.123 Class msDS-AzAdminManager

The root of an authorization policy store instance.

```
cn: ms-DS-Az-Admin-Manager
ldapDisplayName: msDS-AzAdminManager
governsId: 1.2.840.113556.1.5.234
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
 msDS-AzMinorVersion, msDS-AzMajorVersion, msDS-AzApplicationData,
 msDS-AzGenerateAudits, msDS-AzScriptTimeout,
 msDS-AzScriptEngineCacheMax, msDS-AzDomainTimeout, description
systemPossSuperiors: domainDNS, organizationalUnit, container
schemaIdGuid: cfee1051-5f28-4bae-a863-5d0cc18a8ed1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Az-Admin-Manager,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.124 Class msDS-AzApplication

Defines an installed instance of an application that is bound to a particular policy store.

```
cn: ms-DS-Az-Application
ldapDisplayName: msDS-AzApplication
governsId: 1.2.840.113556.1.5.235
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
 msDS-AzApplicationData, msDS-AzGenerateAudits,
 msDS-AzApplicationVersion, msDS-AzClassId, msDS-AzApplicationName,
 description
systemPossSuperiors: msDS-AzAdminManager
schemaIdGuid: ddf8de9b-cba5-4e12-842e-28d8b66f75ec
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Az-Application,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.125 Class msDS-AzOperation

Describes a particular operation that is supported by an application.

```
cn: ms-DS-Az-Operation
ldapDisplayName: msDS-AzOperation
governsId: 1.2.840.113556.1.5.236
```

```
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDS-AzOperationID
systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
 msDS-AzApplicationData, description
systemPossSuperiors: container, msDS-AzApplication
schemaIdGuid: 860abe37-9a9b-4fa4-b3d2-b8ace5df9ec5
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Az-Operation,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.126 Class msDS-AzRole

Defines a set of operations that can be performed by a particular set of users within a particular scope.

```
cn: ms-DS-Az-Role
ldapDisplayName: msDS-AzRole
governsId: 1.2.840.113556.1.5.239
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
 msDS-AzApplicationData, msDS-TasksForAzRole,
 msDS-OperationsForAzRole, msDS-MembersForAzRole, description
systemPossSuperiors: container, msDS-AzScope, msDS-AzApplication
schemaIdGuid: 8213eac9-9d55-44dc-925c-e9a52b927644
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Az-Role,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.127 Class msDS-AzScope

Describes a set of objects that are managed by an application.

```
cn: ms-DS-Az-Scope
ldapDisplayName: msDS-AzScope
governsId: 1.2.840.113556.1.5.237
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDS-AzScopeName
systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
 msDS-AzApplicationData, description
systemPossSuperiors: msDS-AzApplication
schemaIdGuid: 4feae054-ce55-47bb-860e-5b12063a51de
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
```

```
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Az-Scope,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.128 Class msDS-AzTask

Describes a set of operations.

```
cn: ms-DS-Az-Task
ldapDisplayName: msDS-AzTask
governsId: 1.2.840.113556.1.5.238
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
 msDS-TasksForAzTask, msDS-OperationsForAzTask,
 msDS-AzApplicationData, msDS-AzTaskIsRoleDefinition,
 msDS-AzLastImportedBizRulePath, msDS-AzBizRuleLanguage,
 msDS-AzBizRule, description
systemPossSuperiors: container, msDS-AzScope, msDS-AzApplication
schemaIdGuid: 1ed3a473-9b1b-418a-bfa0-3a37b95a5306
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Az-Task,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.129 Class msDS-ClaimsTransformationPolicies

An object of this class holds the one set of claims transformation policies for cross-forest claims transformation.

```
cn: ms-DS-Claims-Transformation-Policies
ldapDisplayName: msDS-ClaimsTransformationPolicies
governsId: 1.2.840.113556.1.5.281
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: c8fca9b1-7d88-bb4f-827a-448927710762
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Claims-Transformation-Policies,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.130 Class msDS-ClaimsTransformationPolicyType

An object of this class holds the one set of claims transformation policies for cross-forest claims transformation.

```
cn: ms-DS-Claims-Transformation-Policy-Type
ldapDisplayName: msDS-ClaimsTransformationPolicyType
governsId: 1.2.840.113556.1.5.280
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-TransformationRulesCompiled, msDS-TransformationRules
systemPossSuperiors: msDS-ClaimsTransformationPolicies
schemaIdGuid: 2eeb62b3-1373-fe45-8101-387f1676edc7
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Claims-Transformation-Policy-Type,
 <SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.131 Class msDS-ClaimType

An instance of this class holds the definition of a claim type that can be defined on security principals.

```
cn: ms-DS-Claim-Type
ldapDisplayName: msDS-ClaimType
governsId: 1.2.840.113556.1.5.272
objectClassCategory: 1
rdnAttId: cn
subClassOf: msDS-ClaimTypePropertyBase
systemMayContain: msDS-ClaimIsSingleValued, msDS-ClaimIsValueSpaceRestricted,
 msDS-ClaimValueType, msDS-ClaimSourceType, msDS-ClaimSource,
 msDS-ClaimTypeAppliesToClass, msDS-ClaimAttributeSource
systemPossSuperiors: msDS-ClaimTypes
schemaIdGuid: 81a3857c-5469-4d8f-aae6-c27699762604
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Claim-Type,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.132 Class msDS-ClaimTypePropertyBase

An abstract class that defines the base class for claim type or resource property classes.

```
cn: ms-DS-Claim-Type-Property-Base
ldapDisplayName: msDS-ClaimTypePropertyBase
governsId: 1.2.840.113556.1.5.269
objectClassCategory: 2
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-ClaimSharesPossibleValuesWith, Enabled,
 msDS-ClaimPossibleValues
schemaIdGuid: b8442f58-c490-4487-8a9d-d80b883271ad
```

```
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Claim-Type-Property-Base,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.133 Class msDS-ClaimTypes

A container of this class can contain claim type objects.

```
cn: ms-DS-Claim-Types
ldapDisplayName: msDS-ClaimTypes
governsId: 1.2.840.113556.1.5.270
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: 36093235-c715-4821-ab6a-b56fb2805a58
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Claim-Types,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.134 Class msDS-CloudExtensions

A collection of attributes that contains application-specific strings for cloud scenarios.

```
cn: ms-DS-Cloud-Extensions
ldapDisplayName: msDS-CloudExtensions
governsId: 1.2.840.113556.1.5.283
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
MayContain: msDS-cloudExtensionAttribute1, msDS-cloudExtensionAttribute2,
 msDS-cloudExtensionAttribute3, msDS-cloudExtensionAttribute4,
 msDS-cloudExtensionAttribute5, msDS-cloudExtensionAttribute6,
 msDS-cloudExtensionAttribute7, msDS-cloudExtensionAttribute8,
 msDS-cloudExtensionAttribute9, msDS-cloudExtensionAttribute10,
 msDS-cloudExtensionAttribute11, msDS-cloudExtensionAttribute12,
 msDS-cloudExtensionAttribute13, msDS-cloudExtensionAttribute14,
 msDS-cloudExtensionAttribute15, msDS-cloudExtensionAttribute16,
 msDS-cloudExtensionAttribute17, msDS-cloudExtensionAttribute18,
 msDS-cloudExtensionAttribute19, msDS-cloudExtensionAttribute20
schemaIdGuid: 641e87a4-8326-4771-ba2d-c706df35e35a
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Cloud-Extensions,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.135 Class msDS-Device

This class represents a registered device.

```
cn: ms-DS-Device
ldapDisplayName: msDS-Device
governsId: 1.2.840.113556.1.5.286
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemMustContain: altSecurityIdentities, displayName, msDS-DeviceID,
 msDS-IsEnabled
systemMayContain: msDS-ApproximateLastLogonTimeStamp, msDS-CloudAnchor,
 msDS-CloudIsManaged, msDS-DeviceObjectVersion, msDS-DeviceOSType,
 msDS-DeviceOSVersion, msDS-DevicePhysicalIDs, msDS-IsManaged,
 msDS-RegisteredOwner, msDS-RegisteredUsers, msDS-DeviceMDMStatus,
 msDS-IsCompliant, msDS-DeviceTrustType, msDS-ComputerSID, msDS-KeyCredentialLink
systemPossSuperiors: msDS-DeviceContainer
schemaIdGuid: 5df2b673-6d41-4774-b3e8-d52e8ee9ff99
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
systemFlags: FLAG_SCHEMA_BASE_OBJECT
defaultObjectCategory: CN=ms-DS-Device,<SchemaNCDN>
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2.

2.136 Class msDS-DeviceContainer

The container used to hold device objects.

```
cn: ms-DS-Device-Container
ldapDisplayName: msDS-DeviceContainer
governsId: 1.2.840.113556.1.5.289
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemPossSuperiors: domainDNS
schemaIdGuid: 7c9e8c58-901b-4ea8-b6ec-4eb9e9fc0e11
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
systemFlags: FLAG_SCHEMA_BASE_OBJECT
defaultObjectCategory: CN=ms-DS-Device-Container,<SchemaNCDN>
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2.

2.137 Class msDS-DeviceRegistrationService

This class holds the registration service configuration that is used for devices.

```
cn: ms-DS-Device-Registration-Service
ldapDisplayName: msDS-DeviceRegistrationService
governsId: 1.2.840.113556.1.5.284
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemMustContain: msDS-DeviceLocation, msDS-IsEnabled
```

```
systemMayContain: msDS-CloudIsEnabled, msDS-CloudIssuerPublicCertificates,
 msDS-IssuerCertificates, msDS-IssuerPublicCertificates,
 msDS-MaximumRegistrationInactivityPeriod, msDS-RegistrationQuota
systemPossSuperiors: msDS-DeviceRegistrationServiceContainer
schemaIdGuid: 96bc3a1a-e3d2-49d3-af11-7b0df79d67f5
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
systemFlags: FLAG_SCHEMA_BASE_OBJECT
defaultObjectCategory: CN=ms-DS-Device-Registration-Service,<SchemaNCDN>
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2.

2.138 Class msDS-DeviceRegistrationServiceContainer

The container used to house all enrollment services used for device registrations.

```
cn: ms-DS-Device-Registration-Service-Container
ldapDisplayName: msDS-DeviceRegistrationServiceContainer
governsId: 1.2.840.113556.1.5.287
objectClassCategory: 1
rDNAttID: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: 310b55ce-3dcd-4392-a96d-c9e35397c24f
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
systemFlags: FLAG SCHEMA BASE OBJECT
defaultObjectCategory: CN=ms-DS-Device-Registration-Service-Container,
 <SchemaNCDN>
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2012 R2.

2.139 Class msDS-GroupManagedServiceAccount

The group managed service account class is used to create an account that can be shared by different
computers in order to run Windows services.

```
cn: ms-DS-Group-Managed-Service-Account
ldapDisplayName: msDS-GroupManagedServiceAccount
governsId: 1.2.840.113556.1.5.282
objectClassCategory: 1
rdnAttId: cn
subClassOf: computer
systemMustContain: msDS-ManagedPasswordInterval
systemMayContain: msDS-GroupMSAMembership, msDS-ManagedPasswordPreviousId,
 msDS-ManagedPasswordId, msDS-ManagedPassword
systemPossSuperiors: computer, container, organizationalUnit, domainDNS
schemaIdGuid: 7b8b558a-93a5-4af7-adca-c017e67f1057
defaultSecurityDescriptor: D:
 (OD;;CR;00299570-246d-11d0-a768-00aa006e0529;;WD)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
 (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)
 (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
 (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
 (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;bf967a86-0de6-11d0-a285-
```

```
00aa003049e2;CO)(OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;bf967a86-
0de6-11d0-a285-00aa003049e2;CO)(OA;;WP;bf967950-0de6-11d0-a285-
00aa003049e2;bf967a86-0de6-11d0-a285-00aa003049e2;CO)(OA;;WP;bf967953-
0de6-11d0-a285-00aa003049e2;bf967a86-0de6-11d0-a285-00aa003049e2;CO)
(OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
(OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
(OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)(A;;RPLCLORC;;;AU)
(OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
(OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
(OA;;RP;e362ed86-b728-0842-b27d-2dea7a9df218;;WD)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Group-Managed-Service-Account,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.140 Class msDS-KeyCredential

An instance of this class contains key material.

```
cn: ms-DS-Key-Credential
ldapDisplayName: msDS-KeyCredential
governsId: 1.2.840.113556.1.5.297
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDS-KeyId
systemMayContain: msDS-KeyMaterial, msDS-KeyUsage, msDS-KeyPrincipal, msDS-DeviceDN,
 msDS-ComputerSID, msDS-CustomKeyInformation, msDS-KeyApproximateLastLogonTimeStamp,
 msDS-DeviceID
systemPossSuperiors: Container
schemaIdGuid: ee1f5543-7c2e-476a-8b3f-e11f4af6c498
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Key-Credential,<SchemaNCDN>
systemFlags: FLAG SCHEMA BASE OBJECT
showInAdvancedViewOnly: TRUE
```

Version-Specific Behavior: First implemented on Windows Server 2016.

2.141 Class msDS-ManagedServiceAccount

The service account class is used to create accounts that are used for running Windows services.

```
cn: ms-DS-Managed-Service-Account
ldapDisplayName: msDS-ManagedServiceAccount
governsId: 1.2.840.113556.1.5.264
objectClassCategory: 1
rdnAttId: cn
subClassOf: computer
systemPossSuperiors: domainDNS, organizationalUnit, container
schemaIdGuid: ce206244-5827-4a86-ba1c-1c0c386c1b64
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
 (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)
 (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
 (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
 (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;
```

```
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;WP;bf967950-0de6-11d0-a285-00aa003049e2;
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;WP;bf967953-0de6-11d0-a285-00aa003049e2;
 bf967a86-0de6-11d0-a285-00aa003049e2;CO)
 (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
 (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
 (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)(A;;RPLCLORC;;;AU)
 (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
 (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
 (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
 (OA;;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;;ED)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Managed-Service-Account,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008 R2.

2.142 Class msDS-OptionalFeature

The configuration object for an optional feature.

```
cn: ms-DS-Optional-Feature
ldapDisplayName: msDS-OptionalFeature
governsId: 1.2.840.113556.1.5.265
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDS-OptionalFeatureFlags,
 msDS-OptionalFeatureGUID
systemMayContain: msDS-RequiredDomainBehaviorVersion,
 msDS-RequiredForestBehaviorVersion
systemPossSuperiors: container
schemaIdGuid: 44f00041-35af-468b-b20a-6ce8737c580b
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=ms-DS-Optional-Feature,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008 R2.

2.143 Class msDS-PasswordSettings

The password settings object for accounts.

```
cn: ms-DS-Password-Settings
ldapDisplayName: msDS-PasswordSettings
governsId: 1.2.840.113556.1.5.255
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDS-MaximumPasswordAge, msDS-MinimumPasswordAge,
 msDS-MinimumPasswordLength, msDS-PasswordComplexityEnabled,
 msDS-LockoutObservationWindow, msDS-LockoutDuration,
 msDS-LockoutThreshold, msDS-PasswordReversibleEncryptionEnabled,
```

```
 msDS-PasswordSettingsPrecedence, msDS-PasswordHistoryLength
systemMayContain: msDS-PSOAppliesTo
systemPossSuperiors: msDS-PasswordSettingsContainer
schemaIdGuid: 3bcd9db8-f84b-451c-952f-6c52b81f9ec6
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Password-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.144   Class msDS-PasswordSettingsContainer

A container for password settings objects.

```
cn: ms-DS-Password-Settings-Container
ldapDisplayName: msDS-PasswordSettingsContainer
governsId: 1.2.840.113556.1.5.256
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: 5b06b06a-4cf3-44c0-bd16-43bc10a987da
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Password-Settings-Container,
 <SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.145   Class msDS-QuotaContainer

A special container that holds all quota specifications for the directory database.

```
cn: ms-DS-Quota-Container
ldapDisplayName: msDS-QuotaContainer
governsId: 1.2.840.113556.1.5.242
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemMayContain: msDS-TopQuotaUsage, msDS-QuotaUsed,
 msDS-QuotaEffective, msDS-TombstoneQuotaFactor, msDS-DefaultQuota
systemPossSuperiors: configuration, domainDNS
schemaIdGuid: da83fc4f-076f-4aea-b4dc-8f4dab9b5993
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPLCLORC;;;BA)(OA;;CR;4ecc03fe-ffc0-4947-b630-eb672a8a9dbc;;WD)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Quota-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.146 Class msDS-QuotaControl

Represents quota specifications for the directory database.

```
cn: ms-DS-Quota-Control
ldapDisplayName: msDS-QuotaControl
governsId: 1.2.840.113556.1.5.243
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDS-QuotaAmount, msDS-QuotaTrustee, cn
systemPossSuperiors: msDS-QuotaContainer
schemaIdGuid: de91fc26-bd02-4b52-ae26-795999e96fc7
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPLCLORC;;;BA)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Quota-Control,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.147 Class msDS-ResourceProperties

A container of this class can contain resource properties.

```
cn: ms-DS-Resource-Properties
ldapDisplayName: msDS-ResourceProperties
governsId: 1.2.840.113556.1.5.271
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: 7a4a4584-b350-478f-acd6-b4b852d82cc0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Resource-Properties,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.148 Class msDS-ResourceProperty

An instance of this class holds the definition of a property of resources.

```
cn: ms-DS-Resource-Property
ldapDisplayName: msDS-ResourceProperty
governsId: 1.2.840.113556.1.5.273
objectClassCategory: 1
rdnAttId: cn
subClassOf: msDS-ClaimTypePropertyBase
systemMustContain: msDS-ValueTypeReference
systemMayContain: msDS-AppliesToResourceTypes,
 msDS-IsUsedAsResourceSecurityAttribute
systemPossSuperiors: msDS-ResourceProperties
schemaIdGuid: 5b283d5e-8404-4195-9339-8450188c501a
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
```

```
defaultObjectCategory: CN=ms-DS-Resource-Property,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.149 Class msDS-ResourcePropertyList

An object of this class contains a list of resource properties.

```
cn: ms-DS-Resource-Property-List
ldapDisplayName: msDS-ResourcePropertyList
governsId: 1.2.840.113556.1.5.274
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-MembersOfResourcePropertyList
systemPossSuperiors: container
schemaIdGuid: 72e3d47a-b342-4d45-8f56-baff803cabf9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Resource-Property-List,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

The **defaultHidingValue** attribute is set to TRUE in new domains running Windows Server 2012.

2.150 Class msDS-ShadowPrincipal

This class represents a principal from an external forest.

```
cn: ms-DS-Shadow-Principal
ldapDisplayName: msDS-ShadowPrincipal
governsId: 1.2.840.113556.1.5.299
objectClassCategory: 1
rdnAttId: cn
schemaIdGuid: 770f4cb3-1643-469c-b766-edd77aa75e14
defaultHidingValue: FALSE
showInAdvancedViewOnly: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Shadow-Principal,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
subClassOf: top
systemPossSuperiors: msDS-ShadowPrincipalContainer
systemMayContain: member
systemMustContain: msDS-ShadowPrincipalSid
```

Version-Specific Behavior: First implemented on Windows Server 2016.

2.151 Class msDS-ShadowPrincipalContainer

This class is the dedicated container for msDS-ShadowPrincipal objects.

```
cn: ms-DS-Shadow-Principal-Container
ldapDisplayName: msDS-ShadowPrincipalContainer
governsId: 1.2.840.113556.1.5.298
```

```
objectClassCategory: 1
rdnAttId: cn
schemaIdGuid: 11f95545-d712-4c50-b847-d2781537c633
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
showInAdvancedViewOnly: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Shadow-Principal-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
subClassOf: container
```

Version-Specific Behavior: First implemented on Windows Server 2016.

2.152 Class msDS-ValueType

A value-type object holds value-type information for a resource property.

```
cn: ms-DS-Value-Type
ldapDisplayName: msDS-ValueType
governsId: 1.2.840.113556.1.5.279
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msDS-IsPossibleValuesPresent, msDS-ClaimIsSingleValued,
 msDS-ClaimIsValueSpaceRestricted, msDS-ClaimValueType
systemPossSuperiors: container
schemaIdGuid: e3c27fdf-b01d-4f4e-87e7-056eef0eb922
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-DS-Value-Type,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.153 Class msExchConfigurationContainer

Stores configuration information for a Microsoft Exchange Server.

```
cn: ms-Exch-Configuration-Container
ldapDisplayName: msExchConfigurationContainer
governsId: 1.2.840.113556.1.5.176
objectClassCategory: 1
rdnAttId: cn
subClassOf: container
systemMayContain: templateRoots, addressBookRoots, globalAddressList,
 templateRoots2, addressBookRoots2, globalAddressList2
schemaIdGuid: d03d6858-06f4-11d2-aa53-00c04fd7d83a
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Exch-Configuration-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.154 Class msFVE-RecoveryInformation

Contains a full-volume encryption recovery password with its associated GUID.

```
cn: ms-FVE-RecoveryInformation
ldapDisplayName: msFVE-RecoveryInformation
governsId: 1.2.840.113556.1.5.253
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msFVE-RecoveryPassword, msFVE-RecoveryGuid
mayContain: msFVE-KeyPackage, msFVE-VolumeGuid
systemPossSuperiors: computer
schemaIdGuid: ea715d30-8f53-40d0-bd1e-6109186d782c
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-FVE-RecoveryInformation,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.155 Class msieee80211-Policy

Stores a Wireless Network Policy object.

```
cn: ms-ieee-80211-Policy
ldapDisplayName: msieee80211-Policy
governsId: 1.2.840.113556.1.5.240
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msieee80211-ID, msieee80211-DataType,
 msieee80211-Data
systemPossSuperiors: organizationalUnit, container, computer
schemaIdGuid: 7b9a2d92-b7eb-4382-9772-c3e0f9baaf94
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-ieee-80211-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.156 Class msImaging-PostScanProcess

The container for all Business Scan Post Scan Process objects.

```
cn: ms-Imaging-PostScanProcess
ldapDisplayName: msImaging-PostScanProcess
governsId: 1.2.840.113556.1.5.263
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msImaging-PSPString, serverName
systemMustContain: displayName, msImaging-PSPIdentifier
systemPossSuperiors: msImaging-PSPs
schemaIdGuid: 1f7c257c-b8a3-4525-82f8-11ccc7bee36e
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
```

```
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Imaging-PostScanProcess,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008 R2.

2.157 Class msImaging-PSPs

The container for all Business Scan Post Scan Process objects.

```
cn: ms-Imaging-PSPs
ldapDisplayName: msImaging-PSPs
governsId: 1.2.840.113556.1.5.262
objectClassCategory: 1
rdnAttId: cn
subClassOf: container
systemPossSuperiors: container
schemaIdGuid: a0ed2ac1-970c-4777-848e-ec63a0ec44fc
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Imaging-PSPs,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008 R2.

2.158 Class msKds-ProvRootKey

Root keys for the Group Key Distribution Service.

```
cn: ms-Kds-Prov-RootKey
ldapDisplayName: msKds-ProvRootKey
governsId: 1.2.840.113556.1.5.278
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msKds-CreateTime, msKds-RootKeyData,
 msKds-PrivateKeyLength, msKds-PublicKeyLength,
 msKds-SecretAgreementAlgorithmID, msKds-KDFAlgorithmID,
 msKds-UseStartTime, msKds-DomainID, msKds-Version, cn
systemMayContain: msKds-SecretAgreementParam, msKds-KDFParam
systemPossSuperiors: container
schemaIdGuid: aa02fd41-17e0-4f18-8687-b2239649736b
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Kds-Prov-RootKey,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.159 Class msKds-ProvServerConfiguration

Configuration for the Group Key Distribution Service.

```
cn: ms-Kds-Prov-ServerConfiguration
```

```
ldapDisplayName: msKds-ProvServerConfiguration
governsId: 1.2.840.113556.1.5.277
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msKds-Version
systemMayContain: msKds-PrivateKeyLength, msKds-PublicKeyLength,
 msKds-SecretAgreementParam, msKds-SecretAgreementAlgorithmID,
 msKds-KDFParam, msKds-KDFAlgorithmID
systemPossSuperiors: container
schemaIdGuid: 5ef243a8-2a25-45a6-8b73-08a71ae677ce
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Kds-Prov-ServerConfiguration,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.160 Class msMQ-Custom-Recipient

Defines a custom Microsoft Message Queuing (MSMQ) recipient; that is, an alias queue. This class defines an alias for an out-of-enterprise queue and contains the format name of that queue.

```
cn: MSMQ-Custom-Recipient
ldapDisplayName: msMQ-Custom-Recipient
governsId: 1.2.840.113556.1.5.218
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msMQ-Recipient-FormatName
systemPossSuperiors: organizationalUnit, domainDNS, container
schemaIdGuid: 876d6817-35cc-436c-acea-5ef7174dd9be
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Custom-Recipient,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.161 Class msMQ-Group

Defines a group of MSMQ queues; that is, a distribution list.

```
cn: MSMQ-Group
ldapDisplayName: msMQ-Group
governsId: 1.2.840.113556.1.5.219
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: member
systemPossSuperiors: organizationalUnit
schemaIdGuid: 46b27aac-aafa-4ffb-b773-e5bf621ee87b
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Group,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.162 Class mSMQConfiguration

An object that contains MSMQ configuration parameters for a specific computer. The attributes of this class are MSMQ-specific and are used for MSMQ routing decisions.

```
cn: MSMQ-Configuration
ldapDisplayName: mSMQConfiguration
governsId: 1.2.840.113556.1.5.162
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mSMQSites, mSMQSignKey, mSMQServiceType,
 mSMQRoutingServices, mSMQQuota, mSMQOwnerID, mSMQOutRoutingServers,
 mSMQOSType, mSMQJournalQuota, mSMQInRoutingServers, mSMQForeign,
 mSMQEncryptKey, mSMQDsServices, mSMQDependentClientServices,
 mSMQComputerTypeEx, mSMQComputerType
systemPossSuperiors: computer
schemaIdGuid: 9a0dc344-c100-11d1-bbc5-0080c76670c0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Configuration,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.163 Class mSMQEnterpriseSettings

An object that has general MSMQ information. This object is placed under \configuration\Services and contains organization-wide configuration information for Message Queuing. A forest can have only one of these objects.

```
cn: MSMQ-Enterprise-Settings
ldapDisplayName: mSMQEnterpriseSettings
governsId: 1.2.840.113556.1.5.163
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mSMQVersion, mSMQNameStyle, mSMQLongLived,
 mSMQInterval2, mSMQInterval1, mSMQCSPName
systemPossSuperiors: container
schemaIdGuid: 9a0dc345-c100-11d1-bbc5-0080c76670c0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Enterprise-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.164 Class mSMQMigratedUser

An object that is associated with a migrated user. MSMQ 1.0 used a proprietary directory service that contained specific user information. As part of MSMQ integration with the Windows 2000 operating system directory service, MSMQ provides a migration tool. During migration, for each user that is not in the Windows 2000 domain, a migrated user is created.

```
cn: MSMQ-Migrated-User
ldapDisplayName: mSMQMigratedUser
governsId: 1.2.840.113556.1.5.179
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mSMQUserSid, mSMQSignCertificatesMig,
 mSMQSignCertificates, mSMQDigestsMig, mSMQDigests, objectSid
systemPossSuperiors: organizationalUnit, domainDNS, builtinDomain
schemaIdGuid: 50776997-3c3d-11d2-90cc-00c04fd91ab1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Migrated-User,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.165 Class mSMQQueue

A queue that is associated with a specific computer and is placed under the MSMQ-Configuration of that computer. MSMQ users create queues according to their requirements by using the Microsoft Management Console (MMC) or the MSMQ API. There is no limit to the number of queues per computer.

```
cn: MSMQ-Queue
ldapDisplayName: mSMQQueue
governsId: 1.2.840.113556.1.5.161
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mSMQTransactional, MSMQ-SecuredSource,
 mSMQQueueType, mSMQQueueQuota, mSMQQueueNameExt,
 mSMQQueueJournalQuota, mSMQPrivacyLevel, mSMQOwnerID,
 MSMQ-MulticastAddress, mSMQLabelEx, mSMQLabel, mSMQJournal,
 mSMQBasePriority, mSMQAuthenticate
systemPossSuperiors: mSMQConfiguration
schemaIdGuid: 9a0dc343-c100-11d1-bbc5-0080c76670c0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Queue,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.166 Class mSMQSettings

An object that enables fast query of MSMQ servers at a specific site. This object holds information such as Message Queuing services, which the server provides.

```
cn: MSMQ-Settings
ldapDisplayName: mSMQSettings
governsId: 1.2.840.113556.1.5.165
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: mSMQSiteNameEx, mSMQSiteName, mSMQServices,
 mSMQRoutingService, mSMQQMID, mSMQOwnerID, mSMQNt4Flags,
 mSMQMigrated, mSMQDsService, mSMQDependentClientService
systemPossSuperiors: server
schemaIdGuid: 9a0dc347-c100-11d1-bbc5-0080c76670c0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.167 Class mSMQSiteLink

Contains information about MSMQ routing connectivity between sites. This object is created for each routing link and contains connectivity information. An object of this type is contained by an MSMQ Services object.

```
cn: MSMQ-Site-Link
ldapDisplayName: mSMQSiteLink
governsId: 1.2.840.113556.1.5.164
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: mSMQSite2, mSMQSite1, mSMQCost
systemMayContain: mSMQSiteGatesMig, mSMQSiteGates
systemPossSuperiors: mSMQEnterpriseSettings
schemaIdGuid: 9a0dc346-c100-11d1-bbc5-0080c76670c0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=MSMQ-Site-Link,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.168 Class msPKI-Enterprise-Oid

The value that is used when a certificate user interface (UI) displays a friendly name for a certificate template, enhanced key usage, application policy, and issuance policy. The UI component tries to locate a string in the attribute that matches the default language locale.

```
cn: ms-PKI-Enterprise-Oid
ldapDisplayName: msPKI-Enterprise-Oid
governsId: 1.2.840.113556.1.5.196
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-OIDToGroupLink, msPKI-OID-User-Notice,
 msPKI-OIDLocalizedName, msPKI-OID-CPS, msPKI-OID-Attribute,
 msPKI-Cert-Template-OID
systemPossSuperiors: msPKI-Enterprise-Oid, container
```

```
schemaIdGuid: 37cfd85c-6719-4ad8-8f9e-8678ba627563
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-PKI-Enterprise-Oid,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.169 Class msPKI-Key-Recovery-Agent

An object that is associated with a key recovery agent (KRA) instance. One KRA object instance is created for each installed Cert Server (with a unique common name) during Cert Server setup. If two certificate authorities (CAs) are given the same common name during CA setup, they share a single KRA object instance.

```
cn: ms-PKI-Key-Recovery-Agent
ldapDisplayName: msPKI-Key-Recovery-Agent
governsId: 1.2.840.113556.1.5.195
objectClassCategory: 1
rdnAttId: cn
subClassOf: user
systemPossSuperiors: container
schemaIdGuid: 26ccf238-a08e-4b86-9a82-a8c9ac7ee5cb
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-PKI-Key-Recovery-Agent,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.170 Class msPKI-PrivateKeyRecoveryAgent

Publishes the KRA certificate in the KRA container.

```
cn: ms-PKI-Private-Key-Recovery-Agent
ldapDisplayName: msPKI-PrivateKeyRecoveryAgent
governsId: 1.2.840.113556.1.5.223
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: userCertificate
systemPossSuperiors: container
schemaIdGuid: 1562a632-44b9-4a7e-a2d3-e426c96a3acc
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-PKI-Private-Key-Recovery-Agent,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.171 Class msPrint-ConnectionPolicy

Contains the printer connection policy.

```
cn: ms-Print-ConnectionPolicy
ldapDisplayName: msPrint-ConnectionPolicy
governsId: 1.2.840.113556.1.6.23.2
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn
mayContain: printerName, printAttributes, serverName, uNCName
possSuperiors: container
schemaIdGuid: a16f33c7-7fd6-4828-9364-435138fda08d
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-Print-ConnectionPolicy,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.172 Class msSFU30DomainInfo

Represents an internal data structure that is used by the server for Network Information Service (NIS).

```
cn: msSFU-30-Domain-Info
ldapDisplayName: msSFU30DomainInfo
governsId: 1.2.840.113556.1.6.18.2.215
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msSFU30Domains, msSFU30YpServers, msSFU30SearchContainer,
 msSFU30IsValidContainer, msSFU30MasterServerName,
 msSFU30OrderNumber, msSFU30MaxGidNumber, msSFU30MaxUidNumber,
 msSFU30CryptMethod
possSuperiors: container
schemaIdGuid: 36297dce-656b-4423-ab65-dabb2770819e
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=msSFU-30-Domain-Info,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.173 Class msSFU30MailAliases

Represents email file data for Windows Services for UNIX.

```
cn: msSFU-30-Mail-Aliases
ldapDisplayName: msSFU30MailAliases
governsId: 1.2.840.113556.1.6.18.2.211
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msSFU30Name, msSFU30NisDomain, msSFU30Aliases, nisMapName
possSuperiors: domainDNS, nisMap, container
schemaIdGuid: d6710785-86ff-44b7-85b5-f1f8689522ce
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=msSFU-30-Mail-Aliases,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.174 Class msSFU30NetId

Stores the network ID.

```
cn: msSFU-30-Net-Id
ldapDisplayName: msSFU30NetId
governsId: 1.2.840.113556.1.6.18.2.212
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msSFU30KeyValues, msSFU30Name, msSFU30NisDomain,
 nisMapName
possSuperiors: domainDNS, nisMap, container
schemaIdGuid: e263192c-2a02-48df-9792-94f2328781a0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=msSFU-30-Net-Id,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.175 Class msSFU30NetworkUser

Represents network file data.

```
cn: msSFU-30-Network-User
ldapDisplayName: msSFU30NetworkUser
governsId: 1.2.840.113556.1.6.18.2.216
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msSFU30KeyValues, msSFU30Name, msSFU30NisDomain,
 nisMapName
possSuperiors: domainDNS, nisMap, container
schemaIdGuid: e15334a3-0bf0-4427-b672-11f5d84acc92
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=msSFU-30-Network-User,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.176 Class msSFU30NISMapConfig

Represents an internal data structure that is used by the server for NIS.

```
cn: msSFU-30-NIS-Map-Config
ldapDisplayName: msSFU30NISMapConfig
governsId: 1.2.840.113556.1.6.18.2.217
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mayContain: msSFU30KeyAttributes, msSFU30FieldSeparator,
 msSFU30NSMAPFieldPosition, msSFU30IntraFieldSeparator,
 msSFU30SearchAttributes, msSFU30ResultAttributes, msSFU30MapFilter
possSuperiors: container
schemaIdGuid: faf733d0-f8eb-4dcf-8d75-f1753af6a50b
```

```
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=msSFU-30-NIS-Map-Config,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.177 Class msSPP-ActivationObject

An activation object used in Active Directory Domain Services-based activation.

```
cn: ms-SPP-Activation-Object
ldapDisplayName: msSPP-ActivationObject
governsId: 1.2.840.113556.1.5.267
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msSPP-KMSIds, msSPP-CSVLKSkuId,
 msSPP-CSVLKPartialProductKey, msSPP-CSVLKPid
systemMayContain: msSPP-IssuanceLicense, msSPP-ConfigLicense,
 msSPP-PhoneLicense, msSPP-OnlineLicense, msSPP-ConfirmationId,
 msSPP-InstallationId
systemPossSuperiors: msSPP-ActivationObjectsContainer
schemaIdGuid: 51a0e68c-0dc5-43ca-935d-c1c911bf2ee5
defaultSecurityDescriptor: O:BAG:BAD: (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-SPP-Activation-Object,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.178 Class msSPP-ActivationObjectsContainer

A container for activation objects used by Active Directory Domain Services-based activation.

```
cn: ms-SPP-Activation-Objects-Container
ldapDisplayName: msSPP-ActivationObjectsContainer
governsId: 1.2.840.113556.1.5.266
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: container
schemaIdGuid: b72f862b-bb25-4d5d-aa51-62c59bdf90ae
defaultSecurityDescriptor: O:BAG:BAD: (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-SPP-Activation-Objects-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.179 Class msTAPI-RtConference

Publishes a real-time Telephony API (TAPI) multicast conference.

```
cn: ms-TAPI-Rt-Conference
ldapDisplayName: msTAPI-RtConference
governsId: 1.2.840.113556.1.5.221
objectClassCategory: 1
rdnAttId: msTAPI-uid
subClassOf: top
systemMustContain: msTAPI-uid
systemMayContain: msTAPI-ConferenceBlob, msTAPI-ProtocolId
systemPossSuperiors: organizationalUnit
schemaIdGuid: ca7b9735-4b2a-4e49-89c3-99025334dc94
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-TAPI-Rt-Conference,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.180 Class msTAPI-RtPerson

Maps a user to the IP address of the machine that the user is logged on to for use by TAPI multicast conferences.

```
cn: ms-TAPI-Rt-Person
ldapDisplayName: msTAPI-RtPerson
governsId: 1.2.840.113556.1.5.222
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msTAPI-uid, msTAPI-IpAddress
systemPossSuperiors: organization, organizationalUnit
schemaIdGuid: 53ea1cb5-b704-4df9-818f-5cb4ec86cac1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-TAPI-Rt-Person,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.181 Class msTPM-InformationObject

This class contains recovery information for a Trusted Platform Module (TPM) device.

```
cn: ms-TPM-Information-Object
ldapDisplayName: msTPM-InformationObject
governsId: 1.2.840.113556.1.5.275
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msTPM-OwnerInformation
systemMayContain: msTPM-OwnerInformationTemp, msTPM-SrkPubThumbprint
systemPossSuperiors: msTPM-InformationObjectsContainer
schemaIdGuid: 85045b6a-47a6-4243-a7cc-6890701f662c
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLO;;;DC)(A;;WP;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-TPM-Information-Object,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.182 Class msTPM-InformationObjectsContainer

A container for Trusted Platform Module (TPM) objects.

```
cn: ms-TPM-Information-Objects-Container
ldapDisplayName: msTPM-InformationObjectsContainer
governsId: 1.2.840.113556.1.5.276
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemPossSuperiors: domainDNS, domain
schemaIdGuid: e027a8bd-6456-45de-90a3-38593877ee74
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;LOLCCCRP;;;DC)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-TPM-Information-Objects-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2012.

2.183 Class msWMI-IntRangeParam

An object for a signed integer range parameter.

```
cn: ms-WMI-IntRangeParam
ldapDisplayName: msWMI-IntRangeParam
governsId: 1.2.840.113556.1.5.205
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-RangeParam
systemMustContain: msWMI-IntDefault
systemMayContain: msWMI-IntMax, msWMI-IntMin
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: 50ca5d7d-5c8b-4ef3-b9df-5b66d491e526
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-IntRangeParam,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.184 Class msWMI-IntSetParam

An object for a signed integer set parameter.

```
cn: ms-WMI-IntSetParam
ldapDisplayName: msWMI-IntSetParam
governsId: 1.2.840.113556.1.5.206
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-RangeParam
```

```
systemMustContain: msWMI-IntDefault
systemMayContain: msWMI-IntValidValues
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: 292f0d9a-cf76-42b0-841f-b650f331df62
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-IntSetParam,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.185 Class msWMI-MergeablePolicyTemplate

Provides a policy template that can be merged with other templates.

```
cn: ms-WMI-MergeablePolicyTemplate
ldapDisplayName: msWMI-MergeablePolicyTemplate
governsId: 1.2.840.113556.1.5.202
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-PolicyTemplate
systemPossSuperiors: container
schemaIdGuid: 07502414-fdca-4851-b04a-13645b11d226
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-MergeablePolicyTemplate,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.186 Class msWMI-ObjectEncoding

Holds encoding data for a Windows Managment Instrumentation (WMI) class or instance object and also holds other information about the object.

```
cn: ms-WMI-ObjectEncoding
ldapDisplayName: msWMI-ObjectEncoding
governsId: 1.2.840.113556.1.5.217
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-Class, msWMI-ScopeGuid, msWMI-Parm1,
 msWMI-Parm2, msWMI-Parm3, msWMI-Parm4, msWMI-Genus, msWMI-intFlags1,
 msWMI-intFlags2, msWMI-intFlags3, msWMI-intFlags4, msWMI-ID,
 msWMI-TargetObject
systemPossSuperiors: container
schemaIdGuid: 55dd81c9-c312-41f9-a84d-c6adbdf1e8e1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-ObjectEncoding,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.187 Class msWMI-PolicyTemplate

Provides a template for creating a class instance in the target namespace.

```
cn: ms-WMI-PolicyTemplate
ldapDisplayName: msWMI-PolicyTemplate
governsId: 1.2.840.113556.1.5.200
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-NormalizedClass, msWMI-TargetPath,
 msWMI-TargetClass, msWMI-TargetNameSpace, msWMI-Name, msWMI-ID
systemMayContain: msWMI-TargetType, msWMI-SourceOrganization,
 msWMI-Parm4, msWMI-Parm3, msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4,
 msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1,
 msWMI-CreationDate, msWMI-ChangeDate, msWMI-Author
systemPossSuperiors: container
schemaIdGuid: e2bc80f1-244a-4d59-acc6-ca5c4f82e6e1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
  (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
  (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-PolicyTemplate,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.188 Class msWMI-PolicyType

Communicates schema for WMI policy objects.

```
cn: ms-WMI-PolicyType
ldapDisplayName: msWMI-PolicyType
governsId: 1.2.840.113556.1.5.211
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-TargetObject, msWMI-ID
systemMayContain: msWMI-SourceOrganization, msWMI-Parm4,
 msWMI-Parm3, msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4,
 msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1,
 msWMI-CreationDate, msWMI-ChangeDate, msWMI-Author
systemPossSuperiors: container
schemaIdGuid: 595b2613-4109-4e77-9013-a3bb4ef277c7
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
  (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
  (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-PolicyType,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.189 Class msWMI-RangeParam

The range parameter class that is the basis of the msWMI-PolicyTemplate class. This class describes one target property that can be merged. Each subclass of this class implements a specific type. This class implements a merge method to support merging and implements a resolve method to generate the final target property.

```
cn: ms-WMI-RangeParam
ldapDisplayName: msWMI-RangeParam
governsId: 1.2.840.113556.1.5.203
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-TargetType, msWMI-TargetClass,
 msWMI-PropertyName
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: 45fb5a57-5018-4d0f-9056-997c8c9122d9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-RangeParam,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.190 Class msWMI-RealRangeParam

An object for a real number range parameter.

```
cn: ms-WMI-RealRangeParam
ldapDisplayName: msWMI-RealRangeParam
governsId: 1.2.840.113556.1.5.209
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-RangeParam
systemMustContain: msWMI-Int8Default
systemMayContain: msWMI-Int8Max, msWMI-Int8Min
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: 6afe8fe2-70bc-4cce-b166-a96f7359c514
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-RealRangeParam,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.191 Class msWMI-Rule

Defines a single rule in a scope of management (SOM).

```
cn: ms-WMI-Rule
ldapDisplayName: msWMI-Rule
governsId: 1.2.840.113556.1.5.214
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-QueryLanguage, msWMI-TargetNameSpace,
 msWMI-Query
systemPossSuperiors: msWMI-Som, container
schemaIdGuid: 3c7e6f83-dd0e-481b-a0c2-74cd96ef2a66
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-Rule,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.192 Class msWMI-ShadowObject

Holds a WMI-compiled object instance.

```
cn: ms-WMI-ShadowObject
ldapDisplayName: msWMI-ShadowObject
governsId: 1.2.840.113556.1.5.212
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-TargetObject
systemPossSuperiors: msWMI-PolicyType
schemaIdGuid: f1e44bdf-8dd3-4235-9c86-f91f31f5b569
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-ShadowObject,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.193 Class msWMI-SimplePolicyTemplate

Provides a type of template that cannot be merged. This class is used when the target object is not intended to be combined; that is, merged.

```
cn: ms-WMI-SimplePolicyTemplate
ldapDisplayName: msWMI-SimplePolicyTemplate
governsId: 1.2.840.113556.1.5.201
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-PolicyTemplate
systemMustContain: msWMI-TargetObject
systemPossSuperiors: container
schemaIdGuid: 6cc8b2b5-12df-44f6-8307-e74f5cdee369
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-SimplePolicyTemplate,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.194 Class msWMI-Som

Refines the SOM for a GPO. Adds a list of rules, expressed as WMI Query Language (WQL) queries, that are executed on the target machine. All queries have to return results in order for this SOM to be applicable to the target.

```
cn: ms-WMI-Som
ldapDisplayName: msWMI-Som
governsId: 1.2.840.113556.1.5.213
```

```
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-Name, msWMI-ID
systemMayContain: msWMI-SourceOrganization, msWMI-Parm4, msWMI-Parm3,
 msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4, msWMI-intFlags3,
 msWMI-intFlags2, msWMI-intFlags1, msWMI-CreationDate,
 msWMI-ChangeDate, msWMI-Author
systemPossSuperiors: container
schemaIdGuid: ab857078-0142-4406-945b-34c9b6b13372
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-Som,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.195 Class msWMI-StringSetParam

An object for a string set parameter.

```
cn: ms-WMI-StringSetParam
ldapDisplayName: msWMI-StringSetParam
governsId: 1.2.840.113556.1.5.210
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-RangeParam
systemMustContain: msWMI-StringDefault
systemMayContain: msWMI-StringValidValues
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: 0bc579a2-1da7-4cea-b699-807f3b9d63a4
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-StringSetParam,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.196 Class msWMI-UintRangeParam

An object for an unsigned integer range parameter.

```
cn: ms-WMI-UintRangeParam
ldapDisplayName: msWMI-UintRangeParam
governsId: 1.2.840.113556.1.5.207
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-RangeParam
systemMustContain: msWMI-IntDefault
systemMayContain: msWMI-IntMax, msWMI-IntMin
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: d9a799b2-cef3-48b3-b5ad-fb85f8dd3214
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-UintRangeParam,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.197 Class msWMI-UintSetParam

An object for an unsigned integer set parameter.

```
cn: ms-WMI-UintSetParam
ldapDisplayName: msWMI-UintSetParam
governsId: 1.2.840.113556.1.5.208
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-RangeParam
systemMustContain: msWMI-IntDefault
systemMayContain: msWMI-IntValidValues
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: 8f4beb31-4e19-46f5-932e-5fa03c339b1d
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-UintSetParam,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.198 Class msWMI-UnknownRangeParam

Supports parameter types that are unknown. They are transported as compiled WMI objects.

```
cn: ms-WMI-UnknownRangeParam
ldapDisplayName: msWMI-UnknownRangeParam
governsId: 1.2.840.113556.1.5.204
objectClassCategory: 1
rdnAttId: cn
subClassOf: msWMI-RangeParam
systemMustContain: msWMI-TargetObject, msWMI-NormalizedClass
systemPossSuperiors: msWMI-MergeablePolicyTemplate
schemaIdGuid: b82ac26b-c6db-4098-92c6-49c18a3336e1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-UnknownRangeParam,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.199 Class msWMI-WMIGPO

Ties the objects that express the WMI extensions to the Group Policy infrastructure. This value is written to Active Directory in the path pointed to by the corresponding Group Policy Object.

```
cn: ms-WMI-WMIGPO
ldapDisplayName: msWMI-WMIGPO
governsId: 1.2.840.113556.1.5.215
objectClassCategory: 1
```

```
rdnAttId: cn
subClassOf: top
systemMustContain: msWMI-TargetClass
systemMayContain: msWMI-Parm4, msWMI-Parm3, msWMI-Parm2, msWMI-Parm1,
 msWMI-intFlags4, msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1
systemPossSuperiors: container
schemaIdGuid: 05630000-3927-4ede-bf27-ca91f275c26f
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ms-WMI-WMIGPO,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.200 Class nisMap

A generic abstraction of a Network Information Service (NIS) map.

```
cn: NisMap
ldapDisplayName: nisMap
governsId: 1.3.6.1.1.1.2.9
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn, nisMapName
mayContain: description
possSuperiors: domainDNS, container, organizationalUnit
schemaIdGuid: 7672666c-02c1-4f33-9ecf-f649c1dd9b7c
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NisMap,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.201 Class nisNetgroup

An abstraction of a netgroup. This class can refer to other netgroups.

```
cn: NisNetgroup
ldapDisplayName: nisNetgroup
governsId: 1.3.6.1.1.1.2.8
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn
mayContain: description, memberNisNetgroup, nisNetgroupTriple,
 msSFU30Name, msSFU30NisDomain, nisMapName,
 msSFU30NetgroupHostAtDomain, msSFU30NetgroupUserAtDomain
possSuperiors: domainDNS, nisMap, container, organizationalUnit
schemaIdGuid: 72efbf84-6e7b-4a5c-a8db-8a75a7cad254
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NisNetgroup,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.202 Class nisObject

An entry in an NIS map.

```
cn: NisObject
ldapDisplayName: nisObject
governsId: 1.3.6.1.1.1.2.10
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn, nisMapName, nisMapEntry
mayContain: description, msSFU30Name, msSFU30NisDomain
possSuperiors: domainDNS, nisMap, container, organizationalUnit
schemaIdGuid: 904f8a93-4954-4c5f-b1e1-53c097a31e13
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NisObject,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.203 Class nTDSConnection

A connection from a remote domain controller.

```
cn: NTDS-Connection
ldapDisplayName: nTDSConnection
governsId: 1.2.840.113556.1.5.71
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMustContain: options, fromServer, enabledConnection
systemMayContain: transportType, schedule, mS-DS-ReplicatesNCReason,
 generatedConnection
systemPossSuperiors: nTFRSMember, nTFRSReplicaSet, nTDSDSA
schemaIdGuid: 19195a60-6da0-11d0-afd3-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NTDS-Connection,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.204 Class nTDSDSA

Represents the AD DS and Active Directory directory service agent (DSA) process on the server.

```
cn: NTDS-DSA
ldapDisplayName: nTDSDSA
governsId: 1.2.840.113556.1.5.7000.47
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationSettings
systemMayContain: msDS-EnabledFeature, msDS-IsUserCachableAtRodc, msDS-SiteName,
 msDS-isRODC, msDS-isGC, msDS-RevealedUsers,
 msDS-NeverRevealGroup, msDS-RevealOnDemandGroup,
```

```
     msDS-hasFullReplicaNCs, serverReference,
     msDS-RetiredReplNCSignatures, retiredReplDSASignatures,
     queryPolicyObject, options, networkAddress, msDS-ReplicationEpoch,
     msDS-HasInstantiatedNCs, msDS-hasMasterNCs, msDS-HasDomainNCs,
     msDS-Behavior-Version, managedBy, lastBackupRestorationTime,
     invocationId, hasPartialReplicaNCs, hasMasterNCs, fRSRootPath,
     dMDLocation
   systemPossSuperiors: organization, server
   schemaIdGuid: f0f8ffab-1191-11d0-a060-00aa006c33ed
   defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
   defaultHidingValue: TRUE
   systemOnly: TRUE
   defaultObjectCategory: CN=NTDS-DSA,<SchemaNCDN>
   systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.205 Class nTDSDSARO

A subclass of the DSA, which is distinguished by its reduced privilege level.

```
   cn: NTDS-DSA-RO
   ldapDisplayName: nTDSDSARO
   governsId: 1.2.840.113556.1.5.254
   objectClassCategory: 1
   rdnAttId: cn
   subClassOf: nTDSDSA
   systemPossSuperiors: server, organization
   schemaIdGuid: 85d16ec1-0791-4bc8-8ab3-70980602ff8c
   defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
   defaultHidingValue: TRUE
   systemOnly: TRUE
   defaultObjectCategory: CN=NTDS-DSA-RO,<SchemaNCDN>
   systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows Server 2008.

2.206 Class nTDSService

Used for an NTDS services object, which contains information about the configuration of the directory service forest. This object is kept in the CN=Directory Service,CN=Windows NT,CN=Services,CN=Configuration,... container.

```
   cn: NTDS-Service
   ldapDisplayName: nTDSService
   governsId: 1.2.840.113556.1.5.72
   objectClassCategory: 1
   rdnAttId: cn
   subClassOf: top
   systemMayContain: msDS-DeletedObjectLifetime, tombstoneLifetime,
     sPNMappings, replTopologyStayOfExecution, msDS-Other-Settings,
     garbageCollPeriod, dSHeuristics
   systemPossSuperiors: container
   schemaIdGuid: 19195a5f-6da0-11d0-afd3-00c04fd930c9
   defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
   defaultHidingValue: TRUE
   systemOnly: FALSE
   defaultObjectCategory: CN=NTDS-Service,<SchemaNCDN>
```

```
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.207 Class nTDSSiteSettings

A container that holds all AD DS and Active Directory site-specific settings.

```
cn: NTDS-Site-Settings
ldapDisplayName: nTDSSiteSettings
governsId: 1.2.840.113556.1.5.69
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationSiteSettings
systemMayContain: schedule, queryPolicyObject, options,
 msDS-Preferred-GC-Site, managedBy, interSiteTopologyRenew,
 interSiteTopologyGenerator, interSiteTopologyFailover
systemPossSuperiors: site
schemaIdGuid: 19195a5d-6da0-11d0-afd3-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NTDS-Site-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.208 Class nTFRSMember

Identifies a File Replication Service (FRS) replica set member.

```
cn: NTFRS-Member
ldapDisplayName: nTFRSMember
governsId: 1.2.840.113556.1.5.153
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: serverReference, fRSUpdateTimeout,
 fRSServiceCommand, fRSRootSecurity, fRSPartnerAuthLevel, fRSFlags,
 fRSExtensions, fRSControlOutboundBacklog, fRSControlInboundBacklog,
 fRSControlDataCreation, frsComputerReference
systemPossSuperiors: nTFRSReplicaSet
schemaIdGuid: 2a132586-9373-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NTFRS-Member,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.209 Class nTFRSReplicaSet

Defines the replica set for the FRS.

```
cn: NTFRS-Replica-Set
ldapDisplayName: nTFRSReplicaSet
governsId: 1.2.840.113556.1.5.102
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: schedule, msFRS-Topology-Pref, msFRS-Hub-Member,
 managedBy, fRSVersionGUID, fRSServiceCommand, fRSRootSecurity,
 fRSReplicaSetType, fRSReplicaSetGUID, fRSPrimaryMember,
 fRSPartnerAuthLevel, fRSLevelLimit, fRSFlags, fRSFileFilter,
 fRSExtensions, fRSDSPoll, fRSDirectoryFilter
systemPossSuperiors: nTFRSSettings
schemaIdGuid: 5245803a-ca6a-11d0-afff-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
 (OA;;CCDC;2a132586-9373-11d1-aebc-0000f80367c1;;ED)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NTFRS-Replica-Set,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.210 Class nTFRSSettings

Identifies the specific settings for FRS.

```
cn: NTFRS-Settings
ldapDisplayName: nTFRSSettings
governsId: 1.2.840.113556.1.5.89
objectClassCategory: 1
rdnAttId: cn
subClassOf: applicationSettings
systemMayContain: managedBy, fRSExtensions
systemPossSuperiors: nTFRSSettings, container, organizationalUnit,
 organization
schemaIdGuid: f780acc2-56f0-11d1-a9c6-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NTFRS-Settings,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.211 Class nTFRSSubscriber

Identifies a subscriber to a replica set.

```
cn: NTFRS-Subscriber
ldapDisplayName: nTFRSSubscriber
governsId: 1.2.840.113556.1.5.155
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: fRSStagingPath, fRSRootPath
systemMayContain: schedule, fRSUpdateTimeout,
```

```
  fRSTimeLastConfigChange, fRSTimeLastCommand,
  fRSServiceCommandStatus, fRSServiceCommand, fRSMemberReference,
  fRSFlags, fRSFaultCondition, fRSExtensions
systemPossSuperiors: nTFRSSubscriptions
schemaIdGuid: 2a132588-9373-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NTFRS-Subscriber,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.212 Class nTFRSSubscriptions

Holds a set of subscriptions to a replica set.

```
cn: NTFRS-Subscriptions
ldapDisplayName: nTFRSSubscriptions
governsId: 1.2.840.113556.1.5.154
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: fRSWorkingPath, fRSVersion, fRSExtensions
systemPossSuperiors: user, computer, nTFRSSubscriptions
schemaIdGuid: 2a132587-9373-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=NTFRS-Subscriptions,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.213 Class oncRpc

An abstraction of an Open Network Computing (ONC) remote procedure call (RPC) binding, as specified in [RFC1831].

```
cn: OncRpc
ldapDisplayName: oncRpc
governsId: 1.3.6.1.1.1.2.5
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn, oncRpcNumber
mayContain: description, msSFU30Name, msSFU30NisDomain, nisMapName,
  msSFU30Aliases
possSuperiors: domainDNS, nisMap, container, organizationalUnit
schemaIdGuid: cadd1e5e-fefc-4f3f-b5a9-70e994204303
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=OncRpc,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.214 Class organization

Stores information about a company or organization.

```
cn: Organization
ldapDisplayName: organization
governsId: 2.5.6.4
objectClassCategory: 1
rdnAttId: o
subClassOf: top
systemMustContain: o
systemMayContain: x121Address, userPassword, telexNumber,
 teletexTerminalIdentifier, telephoneNumber, street, st, seeAlso,
 searchGuide, registeredAddress, preferredDeliveryMethod, postalCode,
 postalAddress, postOfficeBox, physicalDeliveryOfficeName, l,
 internationalISDNNumber, facsimileTelephoneNumber,
 destinationIndicator, businessCategory
systemPossSuperiors: locality, country, domainDNS
schemaIdGuid: bf967aa3-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Organization,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.215 Class organizationalPerson

Used for objects that contain organizational information about a user, such as the employee number, department, manager, title, office, or address.

```
cn: Organizational-Person
ldapDisplayName: organizationalPerson
governsId: 2.5.6.7
objectClassCategory: 0
rdnAttId: cn
subClassOf: person
mayContain: msDS-HABSeniorityIndex, msDS-PhoneticDisplayName,
 msDS-PhoneticCompanyName, msDS-PhoneticDepartment,
 msDS-PhoneticLastName, msDS-PhoneticFirstName, houseIdentifier,
 msExchHouseIdentifier, homePostalAddress
systemMayContain: x121Address, comment, title, co,
 primaryTelexNumber, telexNumber, teletexTerminalIdentifier, street,
 st, registeredAddress, preferredDeliveryMethod, postalCode,
 postalAddress, postOfficeBox, thumbnailPhoto,
 physicalDeliveryOfficeName, pager, otherPager, otherTelephone,
 mobile, otherMobile, primaryInternationalISDNNumber, ipPhone,
 otherIpPhone, otherHomePhone, homePhone,
 otherFacsimileTelephoneNumber, personalTitle, middleName,
 otherMailbox, ou, o, mhsORAddress, msDS-AllowedToDelegateTo,
 manager, thumbnailLogo, l, internationalISDNNumber, initials,
 givenName, generationQualifier, facsimileTelephoneNumber,
 employeeID, mail, division, destinationIndicator, department, c,
 countryCode, company, assistant, streetAddress,
 msDS-AllowedToActOnBehalfOfOtherIdentity
systemPossSuperiors: organizationalUnit, organization, container
schemaIdGuid: bf967aa4-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
```

```
systemOnly: FALSE
defaultObjectCategory: CN=Person,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.216 Class organizationalRole

Used for objects that contain information that pertains to a position or role in an organization, such as a system administrator or manager. This class can also be used for a nonhuman identity in an organization.

```
cn: Organizational-Role
ldapDisplayName: organizationalRole
governsId: 2.5.6.8
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemMayContain: x121Address, telexNumber,
 teletexTerminalIdentifier, telephoneNumber, street, st, seeAlso,
 roleOccupant, registeredAddress, preferredDeliveryMethod,
 postalCode, postalAddress, postOfficeBox,
 physicalDeliveryOfficeName, ou, l, internationalISDNNumber,
 facsimileTelephoneNumber, destinationIndicator
systemPossSuperiors: organizationalUnit, organization, container
schemaIdGuid: a8df74bf-c5ea-11d1-bbcb-0080c76670c0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Organizational-Role,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.217 Class organizationalUnit

A container for storing users, computers, and other account objects.

```
cn: Organizational-Unit
ldapDisplayName: organizationalUnit
governsId: 2.5.6.5
objectClassCategory: 1
rdnAttId: ou
subClassOf: top
systemMustContain: ou
systemMayContain: x121Address, userPassword, uPNSuffixes, co,
 telexNumber, teletexTerminalIdentifier, telephoneNumber, street, st,
 seeAlso, searchGuide, registeredAddress, preferredDeliveryMethod,
 postalCode, postalAddress, postOfficeBox,
 physicalDeliveryOfficeName, msCOM-UserPartitionSetLink, managedBy,
 thumbnailLogo, l, internationalISDNNumber, gPOptions, gPLink,
 facsimileTelephoneNumber, destinationIndicator, desktopProfile,
 defaultGroup, countryCode, c, businessCategory
systemPossSuperiors: country, organization, organizationalUnit,
 domainDNS
schemaIdGuid: bf967aa5-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (OA;;CCDC;bf967a86-0de6-11d0-a285-00aa003049e2;;AO)
 (OA;;CCDC;bf967aba-0de6-11d0-a285-00aa003049e2;;AO)
```

```
  (OA;;CCDC;bf967a9c-0de6-11d0-a285-00aa003049e2;;AO)
  (OA;;CCDC;bf967aa8-0de6-11d0-a285-00aa003049e2;;PO)
  (A;;RPLCLORC;;;AU)(A;;LCRPLORC;;;ED)
  (OA;;CCDC;4828CC14-1437-45bc-9B07-AD6F015E5F28;;AO)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Organizational-Unit,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.218 Class packageRegistration

The registration information for an application.

```
cn: Package-Registration
ldapDisplayName: packageRegistration
governsId: 1.2.840.113556.1.5.49
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: versionNumberLo, versionNumberHi, vendor,
 upgradeProductCode, setupCommand, productCode, packageType,
 packageName, packageFlags, msiScriptSize, msiScriptPath,
 msiScriptName, msiScript, msiFileList, managedBy,
 machineArchitecture, localeID, lastUpdateSequence, installUiLevel,
 iconPath, fileExtPriority, cOMTypelibId, cOMProgID, cOMInterfaceID,
 cOMClassID, categories, canUpgradeScript
systemPossSuperiors: classStore
schemaIdGuid: bf967aa6-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Package-Registration,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.219 Class person

Contains personal information about a user.

```
cn: Person
ldapDisplayName: person
governsId: 2.5.6.6
objectClassCategory: 0
rdnAttId: cn
subClassOf: top
systemMustContain: cn
mayContain: attributeCertificateAttribute
systemMayContain: userPassword, telephoneNumber, sn, serialNumber,
 seeAlso
systemPossSuperiors: organizationalUnit, container
schemaIdGuid: bf967aa7-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Person,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.220 Class physicalLocation

Stores physical address information.

```
cn: Physical-Location
ldapDisplayName: physicalLocation
governsId: 1.2.840.113556.1.5.97
objectClassCategory: 1
rdnAttId: cn
subClassOf: locality
systemMayContain: managedBy
systemPossSuperiors: physicalLocation, configuration
schemaIdGuid: b7b13122-b82e-11d0-afee-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Physical-Location,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.221 Class pKICertificateTemplate

Contains information for certificates that are issued by Active Directory Certificate Services (AD CS).

```
cn: PKI-Certificate-Template
ldapDisplayName: pKICertificateTemplate
governsId: 1.2.840.113556.1.5.177
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: pKIOverlapPeriod, pKIMaxIssuingDepth, pKIKeyUsage,
 pKIExtendedKeyUsage, pKIExpirationPeriod, pKIEnrollmentAccess,
 pKIDefaultCSPs, pKIDefaultKeySpec, pKICriticalExtensions,
 msPKI-RA-Signature, msPKI-RA-Policies,
 msPKI-RA-Application-Policies, msPKI-Template-Schema-Version,
 msPKI-Template-Minor-Revision, msPKI-Supersede-Templates,
 msPKI-Private-Key-Flag, msPKI-Minimal-Key-Size,
 msPKI-Enrollment-Flag, msPKI-Certificate-Policy,
 msPKI-Certificate-Name-Flag, msPKI-Certificate-Application-Policy,
 msPKI-Cert-Template-OID, flags, displayName
systemPossSuperiors: container
schemaIdGuid: e5209ca2-3bba-11d2-90cc-00c04fd91ab1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=PKI-Certificate-Template,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.222 Class pKIEnrollmentService

The certificate server that can process certificate requests and issue certificates.

```
cn: PKI-Enrollment-Service
ldapDisplayName: pKIEnrollmentService
```

```
governsId: 1.2.840.113556.1.5.178
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msPKI-Enrollment-Servers, msPKI-Site-Name,
 signatureAlgorithms, enrollmentProviders, dNSHostName,
 certificateTemplates, cACertificateDN, cACertificate
systemPossSuperiors: container
schemaIdGuid: ee4aa692-3bba-11d2-90cc-00c04fd91ab1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=PKI-Enrollment-Service,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.223 Class posixAccount

An abstraction of an account that has Portable Operating System Interface (POSIX) attributes.

```
cn: PosixAccount
ldapDisplayName: posixAccount
governsId: 1.3.6.1.1.1.2.0
objectClassCategory: 3
rdnAttId: uid
subClassOf: top
mayContain: uid, cn, uidNumber, gidNumber, unixHomeDirectory,
 homeDirectory, userPassword, unixUserPassword, loginShell, gecos,
 description
schemaIdGuid: ad44bb41-67d5-4d88-b575-7b20674e76d8
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=PosixAccount,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.224 Class posixGroup

An abstraction of a group of accounts.

```
cn: PosixGroup
ldapDisplayName: posixGroup
governsId: 1.3.6.1.1.1.2.2
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
mayContain: cn, userPassword, unixUserPassword, description,
 gidNumber, memberUid
schemaIdGuid: 2a9350b8-062c-4ed0-9903-dde10d06deba
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=PosixGroup,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.225 Class printQueue

Contains information about a print queue.

```
cn: Print-Queue
ldapDisplayName: printQueue
governsId: 1.2.840.113556.1.5.23
objectClassCategory: 1
rdnAttId: cn
subClassOf: connectionPoint
systemMustContain: versionNumber, uNCName, shortServerName,
 serverName, printerName
systemMayContain: priority, printStatus, printStartTime,
 printStaplingSupported, printSpooling, printShareName,
 printSeparatorFile, printRateUnit, printRate, printPagesPerMinute,
 printOwner, printOrientationsSupported, printNumberUp, printNotify,
 printNetworkAddress, printMinYExtent, printMinXExtent, printMemory,
 printMediaSupported, printMediaReady, printMaxYExtent,
 printMaxXExtent, printMaxResolutionSupported, printMaxCopies,
 printMACAddress, printLanguage, printKeepPrintedJobs, printFormName,
 printEndTime, printDuplexSupported, printColor, printCollate,
 printBinNames, printAttributes, portName, physicalLocationObject,
 operatingSystemVersion, operatingSystemServicePack,
 operatingSystemHotfix, operatingSystem, location, driverVersion,
 driverName, defaultPriority, bytesPerMinute, assetNumber
systemPossSuperiors: organizationalUnit, domainDNS, container,
 computer
schemaIdGuid: bf967aa8-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;PO)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Print-Queue,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.226 Class queryPolicy

Holds administrative limits for LDAP server resources for sorted and paged results.

```
cn: Query-Policy
ldapDisplayName: queryPolicy
governsId: 1.2.840.113556.1.5.106
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: lDAPIPDenyList, lDAPAdminLimits
systemPossSuperiors: container
schemaIdGuid: 83cc7075-cca7-11d0-afff-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Query-Policy,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.227 Class remoteMailRecipient

An external mail recipient. This attribute is obsolete.

```
cn: Remote-Mail-Recipient
ldapDisplayName: remoteMailRecipient
governsId: 1.2.840.113556.1.5.24
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemAuxiliaryClass: mailRecipient
systemMayContain: remoteSourceType, remoteSource, managedBy
systemPossSuperiors: organizationalUnit, domainDNS
schemaIdGuid: bf967aa9-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (OA;;CR;ab721a55-1e2f-11d0-9819-00aa0040529b;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Remote-Mail-Recipient,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.228 Class remoteStorageServicePoint

Holds information about the remote storage location for files that are stored offline.

```
cn: Remote-Storage-Service-Point
ldapDisplayName: remoteStorageServicePoint
governsId: 1.2.840.113556.1.5.146
objectClassCategory: 1
rdnAttId: cn
subClassOf: serviceAdministrationPoint
systemMayContain: remoteStorageGUID
systemPossSuperiors: computer
schemaIdGuid: 2a39c5bd-8960-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Remote-Storage-Service-Point,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.229 Class residentialPerson

Defines entries that represent a person in the residential environment.

```
cn: Residential-Person
ldapDisplayName: residentialPerson
governsId: 2.5.6.10
objectClassCategory: 1
rdnAttId: cn
subClassOf: person
systemMayContain: x121Address, title, telexNumber,
 teletexTerminalIdentifier, street, st, registeredAddress,
 preferredDeliveryMethod, postalCode, postalAddress, postOfficeBox,
 physicalDeliveryOfficeName, ou, l, internationalISDNNumber,
```

```
  facsimileTelephoneNumber, destinationIndicator, businessCategory
systemPossSuperiors: locality, container
schemaIdGuid: a8df74d6-c5ea-11d1-bbcb-0080c76670c0
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Residential-Person,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.230 Class rFC822LocalPart

Defines entries that represent the local part of mail addresses.

```
cn: rFC822LocalPart
ldapDisplayName: rFC822LocalPart
governsId: 0.9.2342.19200300.100.4.14
objectClassCategory: 1
rdnAttId: cn
subClassOf: domain
mayContain: x121Address, telexNumber, teletexTerminalIdentifier,
 telephoneNumber, street, sn, seeAlso, registeredAddress,
 preferredDeliveryMethod, postOfficeBox, postalCode, postalAddress,
 physicalDeliveryOfficeName, internationalISDNNumber,
 facsimileTelephoneNumber, destinationIndicator, description, cn
possSuperiors: organizationalUnit, container
schemaIdGuid: b93e3a78-cbae-485e-a07b-5ef4ae505686
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=rFC822LocalPart,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.231 Class rIDManager

Contains the relative ID (RID) operations master (also known as flexible single master operations or FSMO) and the RID-Available-Pool location that is used by the RID Manager. The RID Manager is a component that runs on the domain controller and is responsible for allocating security identifiers.

```
cn: RID-Manager
ldapDisplayName: rIDManager
governsId: 1.2.840.113556.1.5.83
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: rIDAvailablePool
systemMayContain: msDS-RIDPoolAllocationEnabled
systemPossSuperiors: container
schemaIdGuid: 6617188d-8f3c-11d0-afda-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 S:(AU;SA;CRWP;;;WD)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=RID-Manager,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.232 Class rIDSet

Holds the RID pools that were allocated by the domain controller. There is one rIDSet for each writable domain controller. Since read-only domain controllers cannot originate the creation of security principals (or other objects), they do not require RID pools or the rIDSet objects that maintain them.

```
cn: RID-Set
ldapDisplayName: rIDSet
governsId: 1.2.840.113556.1.5.129
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: rIDUsedPool, rIDPreviousAllocationPool,
 rIDNextRID, rIDAllocationPool
systemPossSuperiors: user, container, computer
schemaIdGuid: 7bfdcb89-4807-11d1-a9c3-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=RID-Set,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.233 Class room

Defines entries that represent rooms.

```
cn: room
ldapDisplayName: room
governsId: 0.9.2342.19200300.100.4.7
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
mustContain: cn
mayContain: location, telephoneNumber, seeAlso, description,
 roomNumber
possSuperiors: organizationalUnit, container
schemaIdGuid: 7860e5d2-c8b0-4cbb-bd45-d9455beb9206
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=room,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.234 Class rpcContainer

The default container for RPC endpoints.

```
cn: Rpc-Container
ldapDisplayName: rpcContainer
governsId: 1.2.840.113556.1.5.136
objectClassCategory: 1
rdnAttId: cn
subClassOf: container
```

```
systemMayContain: nameServiceFlags
systemPossSuperiors: container
schemaIdGuid: 80212842-4bdc-11d1-a9c4-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Rpc-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.235 Class rpcEntry

An abstract class whose subclasses are used by the RPC Name Service (Ns), which is accessed through the RpcNs* functions in the Win32 API.

```
cn: rpc-Entry
ldapDisplayName: rpcEntry
governsId: 1.2.840.113556.1.5.27
objectClassCategory: 2
rdnAttId: cn
subClassOf: connectionPoint
systemPossSuperiors: container
schemaIdGuid: bf967aac-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=rpc-Entry,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.236 Class rpcGroup

Represents an RPC group.

```
cn: rpc-Group
ldapDisplayName: rpcGroup
governsId: 1.2.840.113556.1.5.80
objectClassCategory: 1
rdnAttId: cn
subClassOf: rpcEntry
systemMayContain: rpcNsObjectID, rpcNsGroup
systemPossSuperiors: container
schemaIdGuid: 88611bdf-8cf4-11d0-afda-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=rpc-Group,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.237 Class rpcProfile

Represents an RPC profile.

```
cn: rpc-Profile
ldapDisplayName: rpcProfile
governsId: 1.2.840.113556.1.5.82
objectClassCategory: 1
rdnAttId: cn
subClassOf: rpcEntry
systemPossSuperiors: container
schemaIdGuid: 88611be1-8cf4-11d0-afda-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=rpc-Profile,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.238 Class rpcProfileElement

Holds an entry in an RPC profile.

```
cn: rpc-Profile-Element
ldapDisplayName: rpcProfileElement
governsId: 1.2.840.113556.1.5.26
objectClassCategory: 1
rdnAttId: cn
subClassOf: rpcEntry
systemMustContain: rpcNsPriority, rpcNsInterfaceID
systemMayContain: rpcNsProfileEntry, rpcNsAnnotation
systemPossSuperiors: rpcProfile
schemaIdGuid: f29653cf-7ad0-11d0-afd6-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=rpc-Profile-Element,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.239 Class rpcServer

Represents a particular server that is holding one or more RPC interfaces.

```
cn: rpc-Server
ldapDisplayName: rpcServer
governsId: 1.2.840.113556.1.5.81
objectClassCategory: 1
rdnAttId: cn
subClassOf: rpcEntry
systemMayContain: rpcNsObjectID, rpcNsEntryFlags, rpcNsCodeset
systemPossSuperiors: container
schemaIdGuid: 88611be0-8cf4-11d0-afda-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=rpc-Server,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.240 Class rpcServerElement

Represents a single interface in a specified RPC server.

```
cn: rpc-Server-Element
ldapDisplayName: rpcServerElement
governsId: 1.2.840.113556.1.5.73
objectClassCategory: 1
rdnAttId: cn
subClassOf: rpcEntry
systemMustContain: rpcNsTransferSyntax, rpcNsInterfaceID,
 rpcNsBindings
systemPossSuperiors: rpcServer
schemaIdGuid: f29653d0-7ad0-11d0-afd6-00c04fd930c9
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=rpc-Server-Element,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.241 Class rRASAdministrationConnectionPoint

Contains the connection point for the Routing and Remote Access service.

```
cn: RRAS-Administration-Connection-Point
ldapDisplayName: rRASAdministrationConnectionPoint
governsId: 1.2.840.113556.1.5.150
objectClassCategory: 1
rdnAttId: cn
subClassOf: serviceAdministrationPoint
systemMayContain: msRRASAttribute
systemPossSuperiors: computer
schemaIdGuid: 2a39c5be-8960-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=RRAS-Administration-Connection-Point,
 <SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.242 Class rRASAdministrationDictionary

A dictionary object for translating vendor-specific routing attributes to names.

```
cn: RRAS-Administration-Dictionary
ldapDisplayName: rRASAdministrationDictionary
governsId: 1.2.840.113556.1.5.156
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msRRASVendorAttributeEntry
systemPossSuperiors: container
schemaIdGuid: f39b98ae-938d-11d1-aebd-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
```

```
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=RRAS-Administration-Dictionary,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.243 Class samDomain

An auxiliary class that holds common properties for Windows NT domains.

```
cn: Sam-Domain
ldapDisplayName: samDomain
governsId: 1.2.840.113556.1.5.3
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
systemAuxiliaryClass: samDomainBase
systemMayContain: treeName, rIDManagerReference, replicaSource,
 pwdProperties, pwdHistoryLength, privateKey, pekList,
 pekKeyChangeInterval, nTMixedDomain, nextRid, nETBIOSName,
 msDS-PerUserTrustTombstonesQuota, msDS-PerUserTrustQuota,
 ms-DS-MachineAccountQuota, msDS-LogonTimeSyncInterval,
 msDS-AllUsersTrustQuota, modifiedCountAtLastProm, minPwdLength,
 minPwdAge, maxPwdAge, lSAModifiedCount, lSACreationTime,
 lockoutThreshold, lockoutDuration, lockOutObservationWindow,
 gPOptions, gPLink, eFSPolicy, domainPolicyObject, desktopProfile,
 description, defaultLocalPolicyObject, creationTime,
 controlAccessRights, cACertificate, builtinModifiedCount,
 builtinCreationTime, auditingPolicy
schemaIdGuid: bf967a90-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:
 (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;RO)(A;;RP;;;WD)
 (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;ED)
 (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;ED)
 (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;ED)
 (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;BA)
 (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;BA)
 (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;BA)(A;;RPLCLORC;;;AU)
 (A;;RPWPCRLCLOCCRCWDWOSW;;;DA)(A;CI;RPWPCRLCLOCCRCWDWOSDSW;;;BA)
 (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
 (A;CI;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)(A;CI;LC;;;RU)
 (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)
 (OA;;RP;c7407360-20bf-11d0-a768-00aa006e0529;;RU)
 (OA;CIIO;RPLCLORC;;bf967a9c-0de6-11d0-a285-00aa003049e2;RU)
 (A;;RPRC;;;RU)(OA;CIIO;RPLCLORC;;
 bf967aba-0de6-11d0-a285-00aa003049e2;RU)(A;;LCRPLORC;;;ED)
 (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
 (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
```

```
4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
(OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
(OA;CIIO;RPLCLORC;;4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
(OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;RU)
(OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;AU)
(OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
bf967aba-0de6-11d0-a285-00aa003049e2;ED)
(OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
bf967a9c-0de6-11d0-a285-00aa003049e2;ED)
(OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
bf967a86-0de6-11d0-a285-00aa003049e2;ED)
(OA;CIIO;WP;ea1b7b93-5e48-46d5-bc6c-4df4fda78a35;
bf967a86-0de6-11d0-a285-00aa003049e2;PS)
(OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;DD)
(OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;ED)
(OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;BA)
(OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;BA)
(OA;;CR;e2a36dc9-ae17-47c3-b58b-be34c55ba633;;S-1-5-32-557)
(OA;;CR;280f369c-67c7-438e-ae98-1d46f3c6f541;;AU)
(OA;;CR;ccc2dc7d-a6ad-4a7a-8846-c04e3cc53501;;AU)
(OA;;CR;05c74c5e-4deb-43b4-bd9f-86664c2a7fd5;;AU)
(OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;ED)
(OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;BA)
(OA;CIIO;CRRPWP;91e647de-d96f-4b70-9557-d63ff4f3ccd8;;PS)
(OA;CIOI;RPWP;3f78c3e5-f79a-46bd-a0b8-9d18116ddc79;;PS)
S:(AU;SA;WDWOWP;;;WD)(AU;SA;CR;;;BA)(AU;SA;CR;;;DU)
(OU;CISA;WP;f30e3bbe-9ff0-11d1-b603-0000f80367c1;
bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
(OU;CISA;WP;f30e3bbf-9ff0-11d1-b603-0000f80367c1;
bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Sam-Domain,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.244 Class samDomainBase

A base class for defining domains.

```
cn: Sam-Domain-Base
ldapDisplayName: samDomainBase
governsId: 1.2.840.113556.1.5.2
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
systemMayContain: uASCompat, serverState, serverRole, revision,
 pwdProperties, pwdHistoryLength, oEMInformation, objectSid,
 nTSecurityDescriptor, nextRid, modifiedCountAtLastProm,
 modifiedCount, minPwdLength, minPwdAge, maxPwdAge, lockoutThreshold,
 lockoutDuration, lockOutObservationWindow, forceLogoff,
 domainReplica, creationTime
schemaIdGuid: bf967a91-0de6-11d0-a285-00aa003049e2
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Sam-Domain-Base,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.245 Class samServer

Holds a revision level and a security descriptor that specifies who can make remote procedure calls (RPCs) through the Security Accounts Manager (SAM) interface.

```
cn: Sam-Server
ldapDisplayName: samServer
governsId: 1.2.840.113556.1.5.5
objectClassCategory: 1
rdnAttId: cn
subClassOf: securityObject
systemMayContain: samDomainUpdates
systemPossSuperiors: domainDNS
schemaIdGuid: bf967aad-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (A;;RPLCLORC;;;RU)(OA;;CR;91d67418-0135-4acc-8d79-c08e857cfbec;;AU)
 (OA;;CR;91d67418-0135-4acc-8d79-c08e857cfbec;;RU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Sam-Server,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.246 Class secret

A Local Security Authority secret that is used for trust relationships and to save service passwords.

```
cn: Secret
ldapDisplayName: secret
governsId: 1.2.840.113556.1.5.28
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMayContain: priorValue, priorSetTime, lastSetTime, currentValue
systemPossSuperiors: container
schemaIdGuid: bf967aae-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Secret,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.247 Class securityObject

An auxiliary class that identifies security principals.

```
cn: Security-Object
ldapDisplayName: securityObject
governsId: 1.2.840.113556.1.5.1
objectClassCategory: 2
rdnAttId: cn
subClassOf: top
systemMustContain: cn
systemPossSuperiors: container
schemaIdGuid: bf967aaf-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
```

```
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Security-Object,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.248 Class securityPrincipal

Contains the security information for an object.

```
cn: Security-Principal
ldapDisplayName: securityPrincipal
governsId: 1.2.840.113556.1.5.6
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
systemMustContain: sAMAccountName, objectSid
systemMayContain: supplementalCredentials, sIDHistory,
 securityIdentifier, sAMAccountType, rid, tokenGroupsNoGCAcceptable,
 tokenGroupsGlobalAndUniversal, tokenGroups, nTSecurityDescriptor,
 msDS-KeyVersionNumber, altSecurityIdentities, accountNameHistory,
 msds-tokenGroupNames, msds-tokenGroupNamesGlobalAndUniversal,
 msds-tokenGroupNamesNoGCAcceptable
schemaIdGuid: bf967ab0-0de6-11d0-a285-00aa003049e2
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Security-Principal,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.249 Class server

Represents a server computer within a site.

```
cn: Server
ldapDisplayName: server
governsId: 1.2.840.113556.1.5.17
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: msDS-IsUserCachableAtRodc, msDS-SiteName,
 msDS-isRODC, msDS-isGC, mailAddress, serverReference, serialNumber,
 managedBy, dNSHostName, bridgeheadTransportList
systemPossSuperiors: serversContainer
schemaIdGuid: bf967a92-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;CI;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Server,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.250 Class serversContainer

Holds server objects within a site.

```
cn: Servers-Container
ldapDisplayName: serversContainer
governsId: 1.2.840.113556.1.5.7000.48
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: site
schemaIdGuid: f780acc0-56f0-11d1-a9c6-0000f80367c1
defaultSecurityDescriptor: D:(A;;CC;;;BA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Servers-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.251 Class serviceAdministrationPoint

Holds binding information for connecting to a service in order to administer it.

```
cn: Service-Administration-Point
ldapDisplayName: serviceAdministrationPoint
governsId: 1.2.840.113556.1.5.94
objectClassCategory: 1
rdnAttId: cn
subClassOf: serviceConnectionPoint
systemPossSuperiors: computer
schemaIdGuid: b7b13123-b82e-11d0-afee-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Service-Administration-Point,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.252 Class serviceClass

Stores the properties of a Winsock service.

```
cn: Service-Class
ldapDisplayName: serviceClass
governsId: 1.2.840.113556.1.5.29
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMustContain: serviceClassID, displayName
systemMayContain: serviceClassInfo
systemPossSuperiors: container
schemaIdGuid: bf967ab1-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Service-Class,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.253 Class serviceConnectionPoint

Publishes information that client applications can use to bind to a service.

```
cn: Service-Connection-Point
ldapDisplayName: serviceConnectionPoint
governsId: 1.2.840.113556.1.5.126
objectClassCategory: 1
rdnAttId: cn
subClassOf: connectionPoint
systemMayContain: versionNumberLo, versionNumberHi, versionNumber,
 vendor, serviceDNSNameType, serviceDNSName, serviceClassName,
 serviceBindingInformation, appSchemaVersion
systemPossSuperiors: organizationalUnit, container, computer
schemaIdGuid: 28630ec1-41d5-11d1-a9c1-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Service-Connection-Point,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.254 Class serviceInstance

A connection point object that is used by the Windows Sockets Registration and Resolution (RnR) name service. The serviceInstance object class is used by various namespace providers (such as DNS) to differentiate the type of data returned during service publication.

```
cn: Service-Instance
ldapDisplayName: serviceInstance
governsId: 1.2.840.113556.1.5.30
objectClassCategory: 1
rdnAttId: cn
subClassOf: connectionPoint
systemMustContain: serviceClassID, displayName
systemMayContain: winsockAddresses, serviceInstanceVersion
systemPossSuperiors: container
schemaIdGuid: bf967ab2-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Service-Instance,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.255 Class shadowAccount

Provides additional attributes for shadow passwords.

```
cn: ShadowAccount
ldapDisplayName: shadowAccount
governsId: 1.3.6.1.1.1.2.1
objectClassCategory: 3
rdnAttId: uid
subClassOf: top
mayContain: uid, userPassword, description, shadowLastChange,
```

```
  shadowMin, shadowMax, shadowWarning, shadowInactive, shadowExpire,
  shadowFlag
schemaIdGuid: 5b6d8467-1a18-4174-b350-9cc6e7b4ac8d
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=ShadowAccount,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003 R2.

2.256 Class simpleSecurityObject

Allows an entry to have a userPassword attribute when the principal object classes of an entry do not allow userPassword as an attribute type.

```
cn: simpleSecurityObject
ldapDisplayName: simpleSecurityObject
governsId: 0.9.2342.19200300.100.4.19
objectClassCategory: 3
rdnAttId: cn
subClassOf: top
mayContain: userPassword
schemaIdGuid: 5fe69b0b-e146-4f15-b0ab-c1e5d488e094
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=simpleSecurityObject,<SchemaNCDN>
```

Version-Specific Behavior: First implemented on Windows Server 2003.

2.257 Class site

A container for storing server objects. This class represents a physical location that contains computers. It is used to manage replication.

```
cn: Site
ldapDisplayName: site
governsId: 1.2.840.113556.1.5.31
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: notificationList, mSMQSiteID, mSMQSiteForeign,
 mSMQNt4Stub, mSMQInterval2, mSMQInterval1, managedBy, location,
 gPOptions, gPLink, msDS-BridgeHeadServersUsed
systemPossSuperiors: sitesContainer
schemaIdGuid: bf967ab3-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
 (A;;RPLCLORC;;;AU)(A;;LCRPLORC;;;ED)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Site,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.258 Class siteLink

Represents the connection between two sites.

```
cn: Site-Link
ldapDisplayName: siteLink
governsId: 1.2.840.113556.1.5.147
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: siteList
systemMayContain: schedule, replInterval, options, cost
systemPossSuperiors: interSiteTransport
schemaIdGuid: d50c2cde-8951-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Site-Link,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.259 Class siteLinkBridge

An object that tracks the site links that are transitively connected.

```
cn: Site-Link-Bridge
ldapDisplayName: siteLinkBridge
governsId: 1.2.840.113556.1.5.148
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMustContain: siteLinkList
systemPossSuperiors: interSiteTransport
schemaIdGuid: d50c2cdf-8951-11d1-aebc-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Site-Link-Bridge,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.260 Class sitesContainer

A container that stores site objects. This class is located in the configuration naming context.

```
cn: Sites-Container
ldapDisplayName: sitesContainer
governsId: 1.2.840.113556.1.5.107
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemPossSuperiors: configuration
schemaIdGuid: 7a4117da-cd67-11d0-afff-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Sites-Container,<SchemaNCDN>
```

```
        systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.261 Class storage

A generic object that publishes Universal Naming Conventions (UNCs) for files.

```
        cn: Storage
        ldapDisplayName: storage
        governsId: 1.2.840.113556.1.5.33
        objectClassCategory: 1
        rdnAttId: cn
        subClassOf: connectionPoint
        systemMayContain: monikerDisplayName, moniker, iconPath
        systemPossSuperiors: container
        schemaIdGuid: bf967ab5-0de6-11d0-a285-00aa003049e2
        defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
         (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
        defaultHidingValue: TRUE
        systemOnly: FALSE
        defaultObjectCategory: CN=Storage,<SchemaNCDN>
        systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.262 Class subnet

Represents a specific network subnet to which servers and workstations are attached.

```
        cn: Subnet
        ldapDisplayName: subnet
        governsId: 1.2.840.113556.1.5.96
        objectClassCategory: 1
        rdnAttId: cn
        subClassOf: top
        systemMayContain: siteObject, physicalLocationObject, location
        systemPossSuperiors: subnetContainer
        schemaIdGuid: b7b13124-b82e-11d0-afee-0000f80367c1
        defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
         (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
        defaultHidingValue: TRUE
        systemOnly: FALSE
        defaultObjectCategory: CN=Subnet,<SchemaNCDN>
        systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.263 Class subnetContainer

A container that holds all subnet objects.

```
        cn: Subnet-Container
        ldapDisplayName: subnetContainer
        governsId: 1.2.840.113556.1.5.95
        objectClassCategory: 1
        rdnAttId: cn
        subClassOf: top
        systemPossSuperiors: sitesContainer
```

```
schemaIdGuid: b7b13125-b82e-11d0-afee-0000f80367c1
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Subnet-Container,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.264 Class subSchema

Contains the schema definition.

```
cn: SubSchema
ldapDisplayName: subSchema
governsId: 2.5.20.1
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: objectClasses, modifyTimeStamp, extendedClassInfo,
 extendedAttributeInfo, dITContentRules, attributeTypes
systemPossSuperiors: dMD
schemaIdGuid: 5a8b3261-c38d-11d1-bbc9-0080c76670c0
defaultSecurityDescriptor: D:S:
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=SubSchema,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT | FLAG_DOMAIN_DISALLOW_RENAME
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.265 Class top

The top-level class from which all classes are derived.

```
cn: Top
ldapDisplayName: top
governsId: 2.5.6.0
objectClassCategory: 2
rdnAttId: cn
subClassOf: top
systemMustContain: objectClass, objectCategory, nTSecurityDescriptor,
 instanceType
mayContain: msSFU30PosixMemberOf, msDFSR-ComputerReferenceBL,
 msDFSR-MemberReferenceBL, msDS-ObjectReferenceBL
systemMayContain: msDS-EnabledFeatureBL, msDS-LastKnownRDN,
 msDS-HostServiceAccountBL, msDS-CloudAnchor,
 msDS-OIDToGroupLinkBl, msDS-LocalEffectiveRecycleTime,
 msDS-LocalEffectiveDeletionTime, isRecycled, msDS-NcType,
 msDS-PSOApplied, msDS-PrincipalName,
 msDS-RevealedListBL, msDS-AuthenticatedToAccountlist,
 msDS-IsPartialReplicaFor, msDS-IsDomainFor, msDS-IsFullReplicaFor,
 msDS-RevealedDSAs, msDS-KrbTgtLinkBl, url, wWWHomePage, whenCreated,
 whenChanged, wellKnownObjects, wbemPath, uSNSource, uSNLastObjRem,
 USNIntersite, uSNDSALastObjRemoved, uSNCreated, uSNChanged,
 systemFlags, subSchemaSubEntry, subRefs, structuralObjectClass,
 siteObjectBL, serverReferenceBL, sDRightsEffective, revision,
 repsTo, repsFrom, directReports, replUpToDateVector,
 replPropertyMetaData, name, queryPolicyBL, proxyAddresses,
 proxiedObjectName, possibleInferiors, partialAttributeSet,
 partialAttributeDeletionList, otherWellKnownObjects, objectVersion,
```

```
    objectGUID, distinguishedName, nonSecurityMemberBL, netbootSCPBL,
    ownerBL, msDS-ReplValueMetaData, msDS-ReplAttributeMetaData,
    msDS-NonMembersBL, msDS-NCReplOutboundNeighbors,
    msDS-NCReplInboundNeighbors, msDS-NCReplCursors,
    msDS-TasksForAzRoleBL, msDS-TasksForAzTaskBL,
    msDS-OperationsForAzRoleBL, msDS-OperationsForAzTaskBL,
    msDS-MembersForAzRoleBL, msDs-masteredBy, mS-DS-ConsistencyGuid,
    mS-DS-ConsistencyChildCount, msDS-Approx-Immed-Subordinates,
    msCOM-PartitionSetLink, msCOM-UserLink, modifyTimeStamp, masteredBy,
    managedObjects, lastKnownParent, isPrivilegeHolder, memberOf,
    isDeleted, isCriticalSystemObject, showInAdvancedViewOnly,
    fSMORoleOwner, fRSMemberReferenceBL, frsComputerReferenceBL,
    fromEntry, flags, extensionName, dSASignature,
    dSCorePropagationData, displayNamePrintable, displayName,
    description, createTimeStamp, cn, canonicalName,
    bridgeheadServerListBL, allowedChildClassesEffective,
    allowedChildClasses, allowedAttributesEffective, allowedAttributes,
    adminDisplayName, adminDescription, msDS-NC-RO-Replica-Locations-BL,
    msDS-ClaimSharesPossibleValuesWithBL, msDS-MembersOfResourcePropertyListBL,
    msDS-IsPrimaryComputerFor, msDS-ValueTypeReferenceBL, msDS-TDOIngressBL,
    msDS-TDOEgressBL, msds-memberTransitive, msds-memberOfTransitive,
    msDS-parentdistname, msDS-ReplValueMetaDataExt, msDS-SourceAnchor,
    msDS-ObjectSoa
systemPossSuperiors: lostAndFound
schemaIdGuid: bf967ab7-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: TRUE
defaultObjectCategory: CN=Top,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.266 Class trustedDomain

An object that represents a domain that is trusted by, or trusting, the local domain.

```
cn: Trusted-Domain
ldapDisplayName: trustedDomain
governsId: 1.2.840.113556.1.5.34
objectClassCategory: 1
rdnAttId: cn
subClassOf: leaf
systemMayContain: msDS-SupportedEncryptionTypes, trustType,
 trustPosixOffset, trustPartner, trustDirection, trustAuthOutgoing,
 trustAuthIncoming, trustAttributes, securityIdentifier,
 msDS-TrustForestTrustInfo, mS-DS-CreatorSID, initialAuthOutgoing,
 initialAuthIncoming, flatName, domainIdentifier, domainCrossRef,
 additionalTrustedServiceNames, msDS-IngressClaimsTransformationPolicy,
 msDS-EgressClaimsTransformationPolicy
systemPossSuperiors: container
schemaIdGuid: bf967ab8-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
 (OA;;WP;736e4812-af31-11d2-b7df-00805f48caeb;
 bf967ab8-0de6-11d0-a285-00aa003049e2;CO)(A;;SD;;;CO)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Trusted-Domain,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.267 Class typeLibrary

Contains information about a type library.

```
cn: Type-Library
ldapDisplayName: typeLibrary
governsId: 1.2.840.113556.1.5.53
objectClassCategory: 1
rdnAttId: cn
subClassOf: top
systemMayContain: cOMUniqueLIBID, cOMInterfaceID, cOMClassID
systemPossSuperiors: classStore
schemaIdGuid: 281416e2-1968-11d0-a28f-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
 (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: TRUE
systemOnly: FALSE
defaultObjectCategory: CN=Type-Library,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.268 Class user

Stores information about an employee or contractor who works for an organization. It is also possible to apply this class to long-term visitors.

```
cn: User
ldapDisplayName: user
governsId: 1.2.840.113556.1.5.9
objectClassCategory: 1
rdnAttId: cn
subClassOf: organizationalPerson
auxiliaryClass: shadowAccount, posixAccount
systemAuxiliaryClass: securityPrincipal, mailRecipient, msDS-CloudExtensions
mayContain: msSFU30NisDomain, msSFU30Name, msDS-SourceObjectDN,
 x500uniqueIdentifier, userSMIMECertificate, userPKCS12, uid,
 secretary, roomNumber, preferredLanguage, photo, labeledURI,
 jpegPhoto, homePostalAddress, givenName, employeeType,
 employeeNumber, displayName, departmentNumber, carLicense, audio
systemMayContain: msTSPrimaryDesktop, msTSSecondaryDesktops,
 msPKI-CredentialRoamingTokens, msDS-ResultantPSO, msTSLSProperty01,
 msTSLSProperty02, msTSManagingLS2, msTSManagingLS3, msTSManagingLS4,
 msTSLicenseVersion2, msTSLicenseVersion3, msTSLicenseVersion4,
 msTSExpireDate2, msTSExpireDate3, msTSExpireDate4,
 msDS-AuthenticatedAtDC, msDS-UserPasswordExpiryTimeComputed,
 msTSManagingLS, msTSLicenseVersion, msTSExpireDate, msTSProperty02,
 msTSProperty01, msTSInitialProgram, msTSWorkDirectory,
 msTSDefaultToMainPrinter, msTSConnectPrinterDrives,
 msTSConnectClientDrives, msTSBrokenConnectionAction,
 msTSReconnectionAction, msTSMaxIdleTime, msTSMaxConnectionTime,
 msTSMaxDisconnectionTime, msTSRemoteControl, msTSAllowLogon,
 msTSHomeDrive, msTSHomeDirectory, msTSProfilePath,
 msDS-FailedInteractiveLogonCountAtLastSuccessfulLogon,
 msDS-FailedInteractiveLogonCount,
 msDS-LastFailedInteractiveLogonTime,
 msDS-LastSuccessfulInteractiveLogonTime,
 msRADIUS-SavedFramedIpv6Route, msRADIUS-FramedIpv6Route,
 msRADIUS-SavedFramedIpv6Prefix, msRADIUS-FramedIpv6Prefix,
 msRADIUS-SavedFramedInterfaceId, msRADIUS-FramedInterfaceId,
 msPKIAccountCredentials, msPKIDPAPIMasterKeys,
 msPKIRoamingTimeStamp, msDS-SupportedEncryptionTypes,
 msDS-SecondaryKrbTgtNumber, pager, o, mobile, manager, mail,
 initials, homePhone, businessCategory, userCertificate,
 userWorkstations, userSharedFolderOther, userSharedFolder,
```

```
       userPrincipalName, userParameters, userAccountControl, unicodePwd,
       terminalServer, servicePrincipalName, scriptPath, pwdLastSet,
       profilePath, primaryGroupID, preferredOU, otherLoginWorkstations,
       operatorCount, ntPwdHistory, networkAddress, msRASSavedFramedRoute,
       msRASSavedFramedIPAddress, msRASSavedCallbackNumber,
       msRADIUSServiceType, msRADIUSFramedRoute, msRADIUSFramedIPAddress,
       msRADIUSCallbackNumber, msNPSavedCallingStationID,
       msNPCallingStationID, msNPAllowDialin, mSMQSignCertificatesMig,
       mSMQSignCertificates, mSMQDigestsMig, mSMQDigests, msIIS-FTPRoot,
       msIIS-FTPDir, msDS-User-Account-Control-Computed,
       msDS-Site-Affinity, mS-DS-CreatorSID,
       msDS-Cached-Membership-Time-Stamp, msDS-Cached-Membership,
       msDRM-IdentityCertificate, msCOM-UserPartitionSetLink, maxStorage,
       logonWorkstation, logonHours, logonCount, lockoutTime, localeID,
       lmPwdHistory, lastLogonTimestamp, lastLogon, lastLogoff, homeDrive,
       homeDirectory, groupsToIgnore, groupPriority, groupMembershipSAM,
       dynamicLDAPServer, desktopProfile, defaultClassStore, dBCSPwd,
       controlAccessRights, codePage, badPwdCount, badPasswordTime,
       adminCount, aCSPolicyName, accountExpires, msDS-PrimaryComputer,
       msDS-SyncServerUrl, msDS-AssignedAuthNPolicy, msDS-AssignedAuthNPolicySilo,
       msDS-AuthNPolicySiloMembersBL, msDS-KeyPrincipalBL, msDS-KeyCredentialLink,
       msDS-preferredDataLocation
    schemaIdGuid: bf967aba-0de6-11d0-a285-00aa003049e2
    defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
     (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
     (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
     (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
     (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
     (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
     (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
     (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)
     (OA;;RP;037088f8-0ae1-11d2-b422-00a0c968f939;;RS)
     (OA;;RP;4c164200-20c0-11d0-a768-00aa006e0529;;RS)
     (OA;;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;;RS)(A;;RC;;;AU)
     (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
     (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
     (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
     (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
     (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
     (OA;;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;;RS)
     (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
     (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
     (OA;;WPRP;6db69a1c-9422-11d1-aebd-0000f80367c1;;S-1-5-32-561)
     (OA;;WPRP;5805bc62-bdc9-4428-a5e2-856a0f4c185e;;S-1-5-32-561)
    systemPossSuperiors: builtinDomain, organizationalUnit, domainDNS
    defaultHidingValue: FALSE
    systemOnly: FALSE
    defaultObjectCategory: CN=Person,<SchemaNCDN>
    systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

2.269 Class volume

Contains information about a storage device or file. This class is used to create shared folders.

```
    cn: Volume
    ldapDisplayName: volume
    governsId: 1.2.840.113556.1.5.36
    objectClassCategory: 1
    rdnAttId: cn
    subClassOf: connectionPoint
    systemMustContain: uNCName
    systemMayContain: lastContentIndexed, contentIndexingAllowed
    systemPossSuperiors: organizationalUnit, domainDNS
```

```
schemaIdGuid: bf967abb-0de6-11d0-a285-00aa003049e2
defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
  (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
defaultHidingValue: FALSE
systemOnly: FALSE
defaultObjectCategory: CN=Volume,<SchemaNCDN>
systemFlags: FLAG_SCHEMA_BASE_OBJECT
```

Version-Specific Behavior: First implemented on Windows 2000 Server.

3 Change Tracking

This section identifies changes that were made to this document since the last release. Changes are classified as Major, Minor, or None.

The revision class **Major** means that the technical content in the document was significantly revised. Major changes affect protocol interoperability or implementation. Examples of major changes are:

- A document revision that incorporates changes to interoperability requirements.
- A document revision that captures changes to protocol functionality.

The revision class **Minor** means that the meaning of the technical content was clarified. Minor changes do not affect protocol interoperability or implementation. Examples of minor changes are updates to clarify ambiguity at the sentence, paragraph, or table level.

The revision class **None** means that no new technical changes were introduced. Minor editorial and formatting changes may have been made, but the relevant technical content is identical to the last released version.

The changes made to this document are listed in the following table. For more information, please contact dochelp@microsoft.com.

Section	Description	Revision class
2.24 Class contact	Updated content for this version of Windows Server. Added the msDS-preferredDataLocation attribute to the systemMayContain list of the Contact class.	Major
2.55 Class group	Updated content for this version of Windows Server. Added the msDS-preferredDataLocation attribute to the systemMayContain list of the Group class.	Major
2.268 Class user	Updated content for this version of Windows Server. Added the msDS-preferredDataLocation attribute to the systemMayContain list of the User class.	Major

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