**[MS-ADSC]:**

**Active Directory Schema Classes**

Intellectual Property Rights Notice for Open Specifications Documentation

* **Technical Documentation.** Microsoft publishes Open Specifications documentation (“this documentation”) for protocols, file formats, data portability, computer languages, and standards support. Additionally, overview documents cover inter-protocol relationships and interactions.
* **Copyrights**. This documentation is covered by Microsoft copyrights. Regardless of any other terms that are contained in the terms of use for the Microsoft website that hosts this documentation, you can make copies of it in order to develop implementations of the technologies that are described in this documentation and can distribute portions of it in your implementations that use these technologies or in your documentation as necessary to properly document the implementation. You can also distribute in your implementation, with or without modification, any schemas, IDLs, or code samples that are included in the documentation. This permission also applies to any documents that are referenced in the Open Specifications documentation.
* **No Trade Secrets**. Microsoft does not claim any trade secret rights in this documentation.
* **Patents**. Microsoft has patents that might cover your implementations of the technologies described in the Open Specifications documentation. Neither this notice nor Microsoft's delivery of this documentation grants any licenses under those patents or any other Microsoft patents. However, a given Open Specifications document might be covered by the Microsoft [Open Specifications Promise](http://go.microsoft.com/fwlink/?LinkId=214445) or the [Microsoft Community Promise](http://go.microsoft.com/fwlink/?LinkId=214448). If you would prefer a written license, or if the technologies described in this documentation are not covered by the Open Specifications Promise or Community Promise, as applicable, patent licenses are available by contacting iplg@microsoft.com.
* **License Programs**. To see all of the protocols in scope under a specific license program and the associated patents, visit the [Patent Map](https://msdn.microsoft.com/en-us/openspecifications/dn750984).
* **Trademarks**. The names of companies and products contained in this documentation might be covered by trademarks or similar intellectual property rights. This notice does not grant any licenses under those rights. For a list of Microsoft trademarks, visit [www.microsoft.com/trademarks](http://www.microsoft.com/trademarks).
* **Fictitious Names**. The example companies, organizations, products, domain names, email addresses, logos, people, places, and events that are depicted in this documentation are fictitious. No association with any real company, organization, product, domain name, email address, logo, person, place, or event is intended or should be inferred.

**Reservation of Rights**. All other rights are reserved, and this notice does not grant any rights other than as specifically described above, whether by implication, estoppel, or otherwise.

**Tools**. The Open Specifications documentation does not require the use of Microsoft programming tools or programming environments in order for you to develop an implementation. If you have access to Microsoft programming tools and environments, you are free to take advantage of them. Certain Open Specifications documents are intended for use in conjunction with publicly available standards specifications and network programming art and, as such, assume that the reader either is familiar with the aforementioned material or has immediate access to it.

**Support.** For questions and support, please contact dochelp@microsoft.com.

**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. |
| 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 9](#_Toc508252697)

[1.1 References 9](#_Toc508252698)

[2 Classes 10](#_Toc508252699)

[2.1 Class account 10](#_Toc508252700)

[2.2 Class aCSPolicy 10](#_Toc508252701)

[2.3 Class aCSResourceLimits 11](#_Toc508252702)

[2.4 Class aCSSubnet 11](#_Toc508252703)

[2.5 Class addressBookContainer 12](#_Toc508252704)

[2.6 Class addressTemplate 12](#_Toc508252705)

[2.7 Class applicationEntity 12](#_Toc508252706)

[2.8 Class applicationProcess 13](#_Toc508252707)

[2.9 Class applicationSettings 13](#_Toc508252708)

[2.10 Class applicationSiteSettings 13](#_Toc508252709)

[2.11 Class applicationVersion 14](#_Toc508252710)

[2.12 Class attributeSchema 14](#_Toc508252711)

[2.13 Class bootableDevice 15](#_Toc508252712)

[2.14 Class builtinDomain 15](#_Toc508252713)

[2.15 Class categoryRegistration 15](#_Toc508252714)

[2.16 Class certificationAuthority 16](#_Toc508252715)

[2.17 Class classRegistration 16](#_Toc508252716)

[2.18 Class classSchema 17](#_Toc508252717)

[2.19 Class classStore 17](#_Toc508252718)

[2.20 Class comConnectionPoint 18](#_Toc508252719)

[2.21 Class computer 18](#_Toc508252720)

[2.22 Class configuration 19](#_Toc508252721)

[2.23 Class connectionPoint 19](#_Toc508252722)

[2.24 Class contact 20](#_Toc508252723)

[2.25 Class container 20](#_Toc508252724)

[2.26 Class controlAccessRight 20](#_Toc508252725)

[2.27 Class country 21](#_Toc508252726)

[2.28 Class cRLDistributionPoint 21](#_Toc508252727)

[2.29 Class crossRef 22](#_Toc508252728)

[2.30 Class crossRefContainer 22](#_Toc508252729)

[2.31 Class device 22](#_Toc508252730)

[2.32 Class dfsConfiguration 23](#_Toc508252731)

[2.33 Class dHCPClass 23](#_Toc508252732)

[2.34 Class displaySpecifier 24](#_Toc508252733)

[2.35 Class displayTemplate 24](#_Toc508252734)

[2.36 Class dMD 25](#_Toc508252735)

[2.37 Class dnsNode 25](#_Toc508252736)

[2.38 Class dnsZone 25](#_Toc508252737)

[2.39 Class dnsZoneScope 26](#_Toc508252738)

[2.40 Class dnsZoneScopeContainer 26](#_Toc508252739)

[2.41 Class document 27](#_Toc508252740)

[2.42 Class documentSeries 27](#_Toc508252741)

[2.43 Class domain 27](#_Toc508252742)

[2.44 Class domainDNS 28](#_Toc508252743)

[2.45 Class domainPolicy 29](#_Toc508252744)

[2.46 Class domainRelatedObject 30](#_Toc508252745)

[2.47 Class dSA 30](#_Toc508252746)

[2.48 Class dSUISettings 30](#_Toc508252747)

[2.49 Class dynamicObject 31](#_Toc508252748)

[2.50 Class fileLinkTracking 31](#_Toc508252749)

[2.51 Class fileLinkTrackingEntry 31](#_Toc508252750)

[2.52 Class foreignSecurityPrincipal 32](#_Toc508252751)

[2.53 Class friendlyCountry 32](#_Toc508252752)

[2.54 Class fTDfs 33](#_Toc508252753)

[2.55 Class group 33](#_Toc508252754)

[2.56 Class groupOfNames 34](#_Toc508252755)

[2.57 Class groupOfUniqueNames 34](#_Toc508252756)

[2.58 Class groupPolicyContainer 34](#_Toc508252757)

[2.59 Class ieee802Device 35](#_Toc508252758)

[2.60 Class indexServerCatalog 35](#_Toc508252759)

[2.61 Class inetOrgPerson 36](#_Toc508252760)

[2.62 Class infrastructureUpdate 36](#_Toc508252761)

[2.63 Class intellimirrorGroup 37](#_Toc508252762)

[2.64 Class intellimirrorSCP 37](#_Toc508252763)

[2.65 Class interSiteTransport 38](#_Toc508252764)

[2.66 Class interSiteTransportContainer 38](#_Toc508252765)

[2.67 Class ipHost 38](#_Toc508252766)

[2.68 Class ipNetwork 39](#_Toc508252767)

[2.69 Class ipProtocol 39](#_Toc508252768)

[2.70 Class ipsecBase 39](#_Toc508252769)

[2.71 Class ipsecFilter 40](#_Toc508252770)

[2.72 Class ipsecISAKMPPolicy 40](#_Toc508252771)

[2.73 Class ipsecNegotiationPolicy 40](#_Toc508252772)

[2.74 Class ipsecNFA 41](#_Toc508252773)

[2.75 Class ipsecPolicy 41](#_Toc508252774)

[2.76 Class ipService 42](#_Toc508252775)

[2.77 Class leaf 42](#_Toc508252776)

[2.78 Class licensingSiteSettings 42](#_Toc508252777)

[2.79 Class linkTrackObjectMoveTable 43](#_Toc508252778)

[2.80 Class linkTrackOMTEntry 43](#_Toc508252779)

[2.81 Class linkTrackVolEntry 43](#_Toc508252780)

[2.82 Class linkTrackVolumeTable 44](#_Toc508252781)

[2.83 Class locality 44](#_Toc508252782)

[2.84 Class lostAndFound 45](#_Toc508252783)

[2.85 Class mailRecipient 45](#_Toc508252784)

[2.86 Class meeting 45](#_Toc508252785)

[2.87 Class ms-net-ieee-80211-GroupPolicy 46](#_Toc508252786)

[2.88 Class ms-net-ieee-8023-GroupPolicy 46](#_Toc508252787)

[2.89 Class mS-SQL-OLAPCube 47](#_Toc508252788)

[2.90 Class mS-SQL-OLAPDatabase 47](#_Toc508252789)

[2.91 Class mS-SQL-OLAPServer 47](#_Toc508252790)

[2.92 Class mS-SQL-SQLDatabase 48](#_Toc508252791)

[2.93 Class mS-SQL-SQLPublication 48](#_Toc508252792)

[2.94 Class mS-SQL-SQLRepository 49](#_Toc508252793)

[2.95 Class mS-SQL-SQLServer 49](#_Toc508252794)

[2.96 Class msAuthz-CentralAccessPolicies 50](#_Toc508252795)

[2.97 Class msAuthz-CentralAccessPolicy 50](#_Toc508252796)

[2.98 Class msAuthz-CentralAccessRule 50](#_Toc508252797)

[2.99 Class msAuthz-CentralAccessRules 51](#_Toc508252798)

[2.100 Class msCOM-Partition 51](#_Toc508252799)

[2.101 Class msCOM-PartitionSet 52](#_Toc508252800)

[2.102 Class msDFS-DeletedLinkv2 52](#_Toc508252801)

[2.103 Class msDFS-Linkv2 52](#_Toc508252802)

[2.104 Class msDFS-NamespaceAnchor 53](#_Toc508252803)

[2.105 Class msDFS-Namespacev2 53](#_Toc508252804)

[2.106 Class msDFSR-Connection 54](#_Toc508252805)

[2.107 Class msDFSR-Content 54](#_Toc508252806)

[2.108 Class msDFSR-ContentSet 54](#_Toc508252807)

[2.109 Class msDFSR-GlobalSettings 55](#_Toc508252808)

[2.110 Class msDFSR-LocalSettings 55](#_Toc508252809)

[2.111 Class msDFSR-Member 56](#_Toc508252810)

[2.112 Class msDFSR-ReplicationGroup 56](#_Toc508252811)

[2.113 Class msDFSR-Subscriber 57](#_Toc508252812)

[2.114 Class msDFSR-Subscription 57](#_Toc508252813)

[2.115 Class msDFSR-Topology 57](#_Toc508252814)

[2.116 Class msDNS-ServerSettings 58](#_Toc508252815)

[2.117 Class msDS-App-Configuration 58](#_Toc508252816)

[2.118 Class msDS-AppData 59](#_Toc508252817)

[2.119 Class msDS-AuthNPolicies 59](#_Toc508252818)

[2.120 Class msDS-AuthNPolicy 59](#_Toc508252819)

[2.121 Class msDS-AuthNPolicySilo 60](#_Toc508252820)

[2.122 Class msDS-AuthNPolicySilos 60](#_Toc508252821)

[2.123 Class msDS-AzAdminManager 61](#_Toc508252822)

[2.124 Class msDS-AzApplication 61](#_Toc508252823)

[2.125 Class msDS-AzOperation 61](#_Toc508252824)

[2.126 Class msDS-AzRole 62](#_Toc508252825)

[2.127 Class msDS-AzScope 62](#_Toc508252826)

[2.128 Class msDS-AzTask 63](#_Toc508252827)

[2.129 Class msDS-ClaimsTransformationPolicies 63](#_Toc508252828)

[2.130 Class msDS-ClaimsTransformationPolicyType 64](#_Toc508252829)

[2.131 Class msDS-ClaimType 64](#_Toc508252830)

[2.132 Class msDS-ClaimTypePropertyBase 64](#_Toc508252831)

[2.133 Class msDS-ClaimTypes 65](#_Toc508252832)

[2.134 Class msDS-CloudExtensions 65](#_Toc508252833)

[2.135 Class msDS-Device 66](#_Toc508252834)

[2.136 Class msDS-DeviceContainer 66](#_Toc508252835)

[2.137 Class msDS-DeviceRegistrationService 66](#_Toc508252836)

[2.138 Class msDS-DeviceRegistrationServiceContainer 67](#_Toc508252837)

[2.139 Class msDS-GroupManagedServiceAccount 67](#_Toc508252838)

[2.140 Class msDS-KeyCredential 68](#_Toc508252839)

[2.141 Class msDS-ManagedServiceAccount 68](#_Toc508252840)

[2.142 Class msDS-OptionalFeature 69](#_Toc508252841)

[2.143 Class msDS-PasswordSettings 69](#_Toc508252842)

[2.144 Class msDS-PasswordSettingsContainer 70](#_Toc508252843)

[2.145 Class msDS-QuotaContainer 70](#_Toc508252844)

[2.146 Class msDS-QuotaControl 71](#_Toc508252845)

[2.147 Class msDS-ResourceProperties 71](#_Toc508252846)

[2.148 Class msDS-ResourceProperty 71](#_Toc508252847)

[2.149 Class msDS-ResourcePropertyList 72](#_Toc508252848)

[2.150 Class msDS-ShadowPrincipal 72](#_Toc508252849)

[2.151 Class msDS-ShadowPrincipalContainer 72](#_Toc508252850)

[2.152 Class msDS-ValueType 73](#_Toc508252851)

[2.153 Class msExchConfigurationContainer 73](#_Toc508252852)

[2.154 Class msFVE-RecoveryInformation 74](#_Toc508252853)

[2.155 Class msieee80211-Policy 74](#_Toc508252854)

[2.156 Class msImaging-PostScanProcess 74](#_Toc508252855)

[2.157 Class msImaging-PSPs 75](#_Toc508252856)

[2.158 Class msKds-ProvRootKey 75](#_Toc508252857)

[2.159 Class msKds-ProvServerConfiguration 75](#_Toc508252858)

[2.160 Class msMQ-Custom-Recipient 76](#_Toc508252859)

[2.161 Class msMQ-Group 76](#_Toc508252860)

[2.162 Class mSMQConfiguration 77](#_Toc508252861)

[2.163 Class mSMQEnterpriseSettings 77](#_Toc508252862)

[2.164 Class mSMQMigratedUser 78](#_Toc508252863)

[2.165 Class mSMQQueue 78](#_Toc508252864)

[2.166 Class mSMQSettings 78](#_Toc508252865)

[2.167 Class mSMQSiteLink 79](#_Toc508252866)

[2.168 Class msPKI-Enterprise-Oid 79](#_Toc508252867)

[2.169 Class msPKI-Key-Recovery-Agent 80](#_Toc508252868)

[2.170 Class msPKI-PrivateKeyRecoveryAgent 80](#_Toc508252869)

[2.171 Class msPrint-ConnectionPolicy 80](#_Toc508252870)

[2.172 Class msSFU30DomainInfo 81](#_Toc508252871)

[2.173 Class msSFU30MailAliases 81](#_Toc508252872)

[2.174 Class msSFU30NetId 82](#_Toc508252873)

[2.175 Class msSFU30NetworkUser 82](#_Toc508252874)

[2.176 Class msSFU30NISMapConfig 82](#_Toc508252875)

[2.177 Class msSPP-ActivationObject 83](#_Toc508252876)

[2.178 Class msSPP-ActivationObjectsContainer 83](#_Toc508252877)

[2.179 Class msTAPI-RtConference 83](#_Toc508252878)

[2.180 Class msTAPI-RtPerson 84](#_Toc508252879)

[2.181 Class msTPM-InformationObject 84](#_Toc508252880)

[2.182 Class msTPM-InformationObjectsContainer 85](#_Toc508252881)

[2.183 Class msWMI-IntRangeParam 85](#_Toc508252882)

[2.184 Class msWMI-IntSetParam 85](#_Toc508252883)

[2.185 Class msWMI-MergeablePolicyTemplate 86](#_Toc508252884)

[2.186 Class msWMI-ObjectEncoding 86](#_Toc508252885)

[2.187 Class msWMI-PolicyTemplate 87](#_Toc508252886)

[2.188 Class msWMI-PolicyType 87](#_Toc508252887)

[2.189 Class msWMI-RangeParam 87](#_Toc508252888)

[2.190 Class msWMI-RealRangeParam 88](#_Toc508252889)

[2.191 Class msWMI-Rule 88](#_Toc508252890)

[2.192 Class msWMI-ShadowObject 89](#_Toc508252891)

[2.193 Class msWMI-SimplePolicyTemplate 89](#_Toc508252892)

[2.194 Class msWMI-Som 89](#_Toc508252893)

[2.195 Class msWMI-StringSetParam 90](#_Toc508252894)

[2.196 Class msWMI-UintRangeParam 90](#_Toc508252895)

[2.197 Class msWMI-UintSetParam 91](#_Toc508252896)

[2.198 Class msWMI-UnknownRangeParam 91](#_Toc508252897)

[2.199 Class msWMI-WMIGPO 91](#_Toc508252898)

[2.200 Class nisMap 92](#_Toc508252899)

[2.201 Class nisNetgroup 92](#_Toc508252900)

[2.202 Class nisObject 93](#_Toc508252901)

[2.203 Class nTDSConnection 93](#_Toc508252902)

[2.204 Class nTDSDSA 93](#_Toc508252903)

[2.205 Class nTDSDSARO 94](#_Toc508252904)

[2.206 Class nTDSService 94](#_Toc508252905)

[2.207 Class nTDSSiteSettings 95](#_Toc508252906)

[2.208 Class nTFRSMember 95](#_Toc508252907)

[2.209 Class nTFRSReplicaSet 95](#_Toc508252908)

[2.210 Class nTFRSSettings 96](#_Toc508252909)

[2.211 Class nTFRSSubscriber 96](#_Toc508252910)

[2.212 Class nTFRSSubscriptions 97](#_Toc508252911)

[2.213 Class oncRpc 97](#_Toc508252912)

[2.214 Class organization 98](#_Toc508252913)

[2.215 Class organizationalPerson 98](#_Toc508252914)

[2.216 Class organizationalRole 99](#_Toc508252915)

[2.217 Class organizationalUnit 99](#_Toc508252916)

[2.218 Class packageRegistration 100](#_Toc508252917)

[2.219 Class person 100](#_Toc508252918)

[2.220 Class physicalLocation 101](#_Toc508252919)

[2.221 Class pKICertificateTemplate 101](#_Toc508252920)

[2.222 Class pKIEnrollmentService 101](#_Toc508252921)

[2.223 Class posixAccount 102](#_Toc508252922)

[2.224 Class posixGroup 102](#_Toc508252923)

[2.225 Class printQueue 103](#_Toc508252924)

[2.226 Class queryPolicy 103](#_Toc508252925)

[2.227 Class remoteMailRecipient 104](#_Toc508252926)

[2.228 Class remoteStorageServicePoint 104](#_Toc508252927)

[2.229 Class residentialPerson 104](#_Toc508252928)

[2.230 Class rFC822LocalPart 105](#_Toc508252929)

[2.231 Class rIDManager 105](#_Toc508252930)

[2.232 Class rIDSet 106](#_Toc508252931)

[2.233 Class room 106](#_Toc508252932)

[2.234 Class rpcContainer 106](#_Toc508252933)

[2.235 Class rpcEntry 107](#_Toc508252934)

[2.236 Class rpcGroup 107](#_Toc508252935)

[2.237 Class rpcProfile 107](#_Toc508252936)

[2.238 Class rpcProfileElement 108](#_Toc508252937)

[2.239 Class rpcServer 108](#_Toc508252938)

[2.240 Class rpcServerElement 109](#_Toc508252939)

[2.241 Class rRASAdministrationConnectionPoint 109](#_Toc508252940)

[2.242 Class rRASAdministrationDictionary 109](#_Toc508252941)

[2.243 Class samDomain 110](#_Toc508252942)

[2.244 Class samDomainBase 111](#_Toc508252943)

[2.245 Class samServer 112](#_Toc508252944)

[2.246 Class secret 112](#_Toc508252945)

[2.247 Class securityObject 112](#_Toc508252946)

[2.248 Class securityPrincipal 113](#_Toc508252947)

[2.249 Class server 113](#_Toc508252948)

[2.250 Class serversContainer 113](#_Toc508252949)

[2.251 Class serviceAdministrationPoint 114](#_Toc508252950)

[2.252 Class serviceClass 114](#_Toc508252951)

[2.253 Class serviceConnectionPoint 115](#_Toc508252952)

[2.254 Class serviceInstance 115](#_Toc508252953)

[2.255 Class shadowAccount 115](#_Toc508252954)

[2.256 Class simpleSecurityObject 116](#_Toc508252955)

[2.257 Class site 116](#_Toc508252956)

[2.258 Class siteLink 117](#_Toc508252957)

[2.259 Class siteLinkBridge 117](#_Toc508252958)

[2.260 Class sitesContainer 117](#_Toc508252959)

[2.261 Class storage 118](#_Toc508252960)

[2.262 Class subnet 118](#_Toc508252961)

[2.263 Class subnetContainer 118](#_Toc508252962)

[2.264 Class subSchema 119](#_Toc508252963)

[2.265 Class top 119](#_Toc508252964)

[2.266 Class trustedDomain 120](#_Toc508252965)

[2.267 Class typeLibrary 121](#_Toc508252966)

[2.268 Class user 121](#_Toc508252967)

[2.269 Class volume 122](#_Toc508252968)

[3 Change Tracking 124](#_Toc508252969)

[4 Index 125](#_Toc508252970)

# 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]](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a).

**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]](https://go.microsoft.com/fwlink/?LinkId=212555).

**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.

## References

[MS-ADTS] Microsoft Corporation, "[Active Directory Technical Specification](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a)".

[MS-DTYP] Microsoft Corporation, "[Windows Data Types](%5BMS-DTYP%5D.pdf#Section_cca2742956894a16b2b49325d93e4ba2)".

[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](https://go.microsoft.com/fwlink/?LinkId=212555)

[RFC1035] Mockapetris, P., "Domain Names - Implementation and Specification", STD 13, RFC 1035, November 1987, [http://www.ietf.org/rfc/rfc1035.txt](https://go.microsoft.com/fwlink/?LinkId=90264)

[RFC1831] Srinivasan, R., "RPC: Remote Procedure Call Protocol Specification Version 2", RFC 1831, August 1995, [http://www.ietf.org/rfc/rfc1831.txt](https://go.microsoft.com/fwlink/?LinkId=90295)

[RFC2181] Elz, R., and Bush, R., "Clarifications to the DNS Specification", RFC 2181, July 1997, [http://www.ietf.org/rfc/rfc2181.txt](https://go.microsoft.com/fwlink/?LinkId=127732)

[RFC2849] Good, G., "The LDAP Data Interchange Format (LDIF) - Technical Specification", RFC 2849, June 2000, [http://www.ietf.org/rfc/rfc2849.txt](https://go.microsoft.com/fwlink/?LinkId=90389)

[RFC4524] Zeilenga, K., Ed., "COSINE LDAP/X.500 Schema", RFC 4524, June 2006, [http://www.rfc-editor.org/rfc/rfc4524.txt](https://go.microsoft.com/fwlink/?LinkId=196119)

# 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]](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a) 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]](https://go.microsoft.com/fwlink/?LinkId=90389) Note 2.

## Class account

This class is not used. It is included for compatibility with [[RFC4524]](https://go.microsoft.com/fwlink/?LinkId=196119) section 3.1.

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

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

## Class aCSPolicy

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

1. cn: ACS-Policy
2. ldapDisplayName: aCSPolicy
3. governsId: 1.2.840.113556.1.5.137
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: aCSTotalNoOfFlows, aCSTimeOfDay, aCSServiceType,
8. aCSPriority, aCSPermissionBits, aCSMinimumDelayVariation,
9. aCSMinimumLatency, aCSMaximumSDUSize, aCSMinimumPolicedSize,
10. aCSMaxTokenRatePerFlow, aCSMaxTokenBucketPerFlow,
11. aCSMaxPeakBandwidthPerFlow, aCSMaxDurationPerFlow,
12. aCSMaxAggregatePeakRatePerUser, aCSIdentityName, aCSDirection,
13. aCSAggregateTokenRatePerUser
14. systemPossSuperiors: container
15. schemaIdGuid: 7f561288-5301-11d1-a9c5-0000f80367c1
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=ACS-Policy,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class aCSResourceLimits

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

1. cn: ACS-Resource-Limits
2. ldapDisplayName: aCSResourceLimits
3. governsId: 1.2.840.113556.1.5.191
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: aCSMaxTokenRatePerFlow, aCSServiceType,
8. aCSMaxPeakBandwidthPerFlow, aCSMaxPeakBandwidth,
9. aCSAllocableRSVPBandwidth
10. systemPossSuperiors: container
11. schemaIdGuid: 2e899b04-2834-11d3-91d4-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ACS-Resource-Limits,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class aCSSubnet

Contains configuration parameters for an ACS server.

1. cn: ACS-Subnet
2. ldapDisplayName: aCSSubnet
3. governsId: 1.2.840.113556.1.5.138
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: aCSServerList, aCSRSVPLogFilesLocation,
8. aCSRSVPAccountFilesLocation, aCSNonReservedTxSize,
9. aCSNonReservedTxLimit, aCSNonReservedTokenSize,
10. aCSNonReservedPeakRate, aCSNonReservedMinPolicedSize,
11. aCSNonReservedMaxSDUSize, aCSMaxTokenRatePerFlow,
12. aCSMaxSizeOfRSVPLogFile, aCSMaxSizeOfRSVPAccountFile,
13. aCSMaxPeakBandwidthPerFlow, aCSMaxPeakBandwidth, aCSMaxNoOfLogFiles,
14. aCSMaxNoOfAccountFiles, aCSMaxDurationPerFlow, aCSEventLogLevel,
15. aCSEnableRSVPMessageLogging, aCSEnableRSVPAccounting,
16. aCSEnableACSService, aCSDSBMRefresh, aCSDSBMPriority,
17. aCSDSBMDeadTime, aCSCacheTimeout, aCSAllocableRSVPBandwidth
18. systemPossSuperiors: container
19. schemaIdGuid: 7f561289-5301-11d1-a9c5-0000f80367c1
20. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
21. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
22. defaultHidingValue: TRUE
23. systemOnly: FALSE
24. defaultObjectCategory: CN=ACS-Subnet,<SchemaNCDN>
25. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class addressBookContainer

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

1. cn: Address-Book-Container
2. ldapDisplayName: addressBookContainer
3. governsId: 1.2.840.113556.1.5.125
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: displayName
8. systemMayContain: purportedSearch
9. systemPossSuperiors: addressBookContainer, configuration
10. schemaIdGuid: 3e74f60f-3e73-11d1-a9c0-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. (OA;;CR;a1990816-4298-11d1-ade2-00c04fd8d5cd;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Address-Book-Container,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class addressTemplate

Specifies information for a display template.

1. cn: Address-Template
2. ldapDisplayName: addressTemplate
3. governsId: 1.2.840.113556.1.3.58
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: displayTemplate
7. systemMustContain: displayName
8. systemMayContain: proxyGenerationEnabled, perRecipDialogDisplayTable,
9. perMsgDialogDisplayTable, addressType, addressSyntax
10. systemPossSuperiors: container
11. schemaIdGuid: 5fd4250a-1262-11d0-a060-00aa006c33ed
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Address-Template,<SchemaNCDN>

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

## Class applicationEntity

The X.500 base class for applicationEntity.

1. cn: Application-Entity
2. ldapDisplayName: applicationEntity
3. governsId: 2.5.6.12
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: presentationAddress, cn
8. systemMayContain: supportedApplicationContext, seeAlso, ou, o, l
9. systemPossSuperiors: applicationProcess, organizationalUnit,
10. container
11. schemaIdGuid: 3fdfee4f-47f4-11d1-a9c3-0000f80367c1
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Application-Entity,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class applicationProcess

The X.500 base class for applicationProcess.

1. cn: Application-Process
2. ldapDisplayName: applicationProcess
3. governsId: 2.5.6.11
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: seeAlso, ou, l
9. systemPossSuperiors: organizationalUnit, organization, container,
10. computer
11. schemaIdGuid: 5fd4250b-1262-11d0-a060-00aa006c33ed
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: TRUE
16. defaultObjectCategory: CN=Application-Process,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class applicationSettings

A base class for server-specific application settings.

1. cn: Application-Settings
2. ldapDisplayName: applicationSettings
3. governsId: 1.2.840.113556.1.5.7000.49
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: notificationList, msDS-Settings, applicationName
8. systemPossSuperiors: server
9. schemaIdGuid: f780acc1-56f0-11d1-a9c6-0000f80367c1
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Application-Settings,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class applicationSiteSettings

The container that holds all site-specific settings.

1. cn: Application-Site-Settings
2. ldapDisplayName: applicationSiteSettings
3. governsId: 1.2.840.113556.1.5.68
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: notificationList, applicationName
8. systemPossSuperiors: site
9. schemaIdGuid: 19195a5c-6da0-11d0-afd3-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Application-Site-Settings,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class applicationVersion

Stores versioning information for an application and its schema.

1. cn: Application-Version
2. ldapDisplayName: applicationVersion
3. governsId: 1.2.840.113556.1.5.216
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. mayContain: owner, managedBy, keywords, versionNumberLo,
8. versionNumberHi, versionNumber, vendor, appSchemaVersion
9. possSuperiors: organizationalUnit, computer, container
10. schemaIdGuid: ddc790ac-af4d-442a-8f0f-a1d4caa7dd92
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Application-Version,<SchemaNCDN>

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

## Class attributeSchema

Defines an attribute object in the schema.

1. cn: Attribute-Schema
2. ldapDisplayName: attributeSchema
3. governsId: 1.2.840.113556.1.3.14
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: schemaIDGUID, oMSyntax, lDAPDisplayName,
8. isSingleValued, cn, attributeSyntax, attributeID
9. systemMayContain: systemOnly, searchFlags, schemaFlagsEx, rangeUpper,
10. rangeLower, oMObjectClass, msDs-Schema-Extensions, msDS-IntId,
11. mAPIID, linkID, isMemberOfPartialAttributeSet, isEphemeral,
12. isDefunct, extendedCharsAllowed, classDisplayName,
13. attributeSecurityGUID
14. systemPossSuperiors: dMD
15. schemaIdGuid: bf967a80-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:S:
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Attribute-Schema,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT | FLAG\_DOMAIN\_DISALLOW\_RENAME

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

## Class bootableDevice

Represents a device that has boot parameters.

1. cn: BootableDevice
2. ldapDisplayName: bootableDevice
3. governsId: 1.3.6.1.1.1.2.12
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: cn, bootParameter, bootFile
8. schemaIdGuid: 4bcb2477-4bb3-4545-a9fc-fb66e136b435
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=BootableDevice,<SchemaNCDN>

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

## Class builtinDomain

The container that holds the default groups for a domain.

1. cn: Builtin-Domain
2. ldapDisplayName: builtinDomain
3. governsId: 1.2.840.113556.1.5.4
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemAuxiliaryClass: samDomainBase
8. systemPossSuperiors: domainDNS
9. schemaIdGuid: bf967a81-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Builtin-Domain,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class categoryRegistration

The registration information for a component category.

1. cn: Category-Registration
2. ldapDisplayName: categoryRegistration
3. governsId: 1.2.840.113556.1.5.74
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: managedBy, localizedDescription, localeID,
8. categoryId
9. systemPossSuperiors: classStore
10. schemaIdGuid: 7d6c0e9d-7e20-11d0-afd6-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Category-Registration,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class certificationAuthority

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

1. cn: Certification-Authority
2. ldapDisplayName: certificationAuthority
3. governsId: 2.5.6.16
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn, certificateRevocationList, cACertificate,
8. authorityRevocationList
9. systemMayContain: teletexTerminalIdentifier,
10. supportedApplicationContext, signatureAlgorithms, searchGuide,
11. previousParentCA, previousCACertificates, pendingParentCA,
12. pendingCACertificates, parentCACertificateChain, parentCA,
13. enrollmentProviders, domainPolicyObject, domainID, dNSHostName,
14. deltaRevocationList, currentParentCA, crossCertificatePair,
15. cRLObject, certificateTemplates, cAWEBURL, cAUsages, cAConnect,
16. cACertificateDN
17. systemPossSuperiors: container
18. schemaIdGuid: 3fdfee50-47f4-11d1-a9c3-0000f80367c1
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
21. defaultHidingValue: TRUE
22. systemOnly: FALSE
23. defaultObjectCategory: CN=Certification-Authority,<SchemaNCDN>
24. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class classRegistration

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

1. cn: Class-Registration
2. ldapDisplayName: classRegistration
3. governsId: 1.2.840.113556.1.5.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: requiredCategories, managedBy,
8. implementedCategories, cOMTreatAsClassId, cOMProgID,
9. cOMOtherProgId, cOMInterfaceID, cOMCLSID
10. systemPossSuperiors: classStore
11. schemaIdGuid: bf967a82-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Class-Registration,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class classSchema

Defines a class object in the schema.

1. cn: Class-Schema
2. ldapDisplayName: classSchema
3. governsId: 1.2.840.113556.1.3.13
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: subClassOf, schemaIDGUID, objectClassCategory,
8. governsID, defaultObjectCategory, cn
9. systemMayContain: systemPossSuperiors, systemOnly, systemMustContain,
10. systemMayContain, systemAuxiliaryClass, schemaFlagsEx, rDNAttID,
11. possSuperiors, mustContain, msDs-Schema-Extensions, msDS-IntId,
12. mayContain, lDAPDisplayName, isDefunct, defaultSecurityDescriptor,
13. defaultHidingValue, classDisplayName, auxiliaryClass
14. systemPossSuperiors: dMD
15. schemaIdGuid: bf967a83-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:S:
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Class-Schema,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT | FLAG\_DOMAIN\_DISALLOW\_RENAME

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

## 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.

1. cn: Class-Store
2. ldapDisplayName: classStore
3. governsId: 1.2.840.113556.1.5.44
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: versionNumber, nextLevelStore, lastUpdateSequence,
8. appSchemaVersion
9. systemPossSuperiors: domainPolicy, computer, group, user, classStore,
10. organizationalUnit, domainDNS, container
11. schemaIdGuid: bf967a84-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Class-Store,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class comConnectionPoint

The binding for running the COM or DCOM service.

1. cn: Com-Connection-Point
2. ldapDisplayName: comConnectionPoint
3. governsId: 1.2.840.113556.1.5.11
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: cn
8. systemMayContain: monikerDisplayName, moniker, marshalledInterface
9. systemPossSuperiors: container
10. schemaIdGuid: bf967a85-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Com-Connection-Point,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class computer

A class that represents a computer account in the domain.

1. cn: Computer
2. ldapDisplayName: computer
3. governsId: 1.2.840.113556.1.3.30
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: user
7. auxiliaryClass: ipHost
8. mayContain: msSFU30Aliases, msSFU30NisDomain, nisMapName,
9. msSFU30Name
10. systemMayContain: msTSSecondaryDesktopBL, msTSPrimaryDesktopBL,
11. msTSEndpointData, msTSEndpointType,
12. msTSEndpointPlugin, msDS-HostServiceAccount,
13. msDS-IsUserCachableAtRodc, msTSProperty02,
14. msTSProperty01, msTPM-OwnerInformation, msDS-RevealOnDemandGroup,
15. msDS-NeverRevealGroup, msDS-PromotionSettings, msDS-SiteName,
16. msDS-isRODC, msDS-isGC, msDS-AuthenticatedAtDC, msDS-RevealedList,
17. msDS-RevealedUsers, msDS-ExecuteScriptPassword, msDS-KrbTgtLink,
18. volumeCount, siteGUID, rIDSetReferences, policyReplicationFlags,
19. physicalLocationObject, operatingSystemVersion,
20. operatingSystemServicePack, operatingSystemHotfix, operatingSystem,
21. networkAddress, netbootDUID, netbootSIFFile, netbootMirrorDataFile,
22. netbootMachineFilePath, netbootInitialization, netbootGUID,
23. msDS-AdditionalSamAccountName, msDS-AdditionalDnsHostName,
24. managedBy, machineRole, location, localPolicyFlags, dNSHostName,
25. defaultLocalPolicyObject, cn, catalogs, msTPM-TpmInformationForComputer,
26. msDS-GenerationId, msImaging-ThumbprintHash, msImaging-HashAlgorithm
27. systemPossSuperiors: container, organizationalUnit, domainDNS
28. schemaIdGuid: bf967a86-0de6-11d0-a285-00aa003049e2
29. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
30. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
31. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
32. (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)(A;;RPLCLORC;;;AU)
33. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)(A;;CCDC;;;PS)
34. (OA;;CCDC;bf967aa8-0de6-11d0-a285-00aa003049e2;;PO)
35. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
36. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
37. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
38. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)
39. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
40. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
41. (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;
42. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
43. (OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
44. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
45. (OA;;WP;bf967950-0de6-11d0-a285-00aa003049e2;
46. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
47. (OA;;WP;bf967953-0de6-11d0-a285-00aa003049e2;
48. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
49. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
50. defaultHidingValue: FALSE
51. systemOnly: FALSE
52. defaultObjectCategory: CN=Computer,<SchemaNCDN>
53. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class configuration

A container that holds the configuration information for a domain.

1. cn: Configuration
2. ldapDisplayName: configuration
3. governsId: 1.2.840.113556.1.5.12
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: msDS-USNLastSyncSuccess, gPOptions, gPLink
9. systemPossSuperiors: domainDNS
10. schemaIdGuid: bf967a87-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: TRUE
15. defaultObjectCategory: CN=Configuration,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class connectionPoint

The base class from which all connectible objects are derived.

1. cn: Connection-Point
2. ldapDisplayName: connectionPoint
3. governsId: 1.2.840.113556.1.5.14
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMustContain: cn
8. systemMayContain: msDS-Settings, managedBy, keywords
9. systemPossSuperiors: container, computer
10. schemaIdGuid: 5cb41ecf-0e4c-11d0-a286-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Connection-Point,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class contact

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

1. cn: Contact
2. ldapDisplayName: contact
3. governsId: 1.2.840.113556.1.5.15
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: organizationalPerson
7. systemAuxiliaryClass: mailRecipient
8. systemMustContain: cn
9. mayContain: msDS-SourceObjectDN
10. systemMayContain: notes, msDS-preferredDataLocation
11. systemPossSuperiors: organizationalUnit, domainDNS
12. schemaIdGuid: 5cb41ed0-0e4c-11d0-a286-00aa003049e2
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: FALSE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Person,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class container

A class that is used to hold other classes.

1. cn: Container
2. ldapDisplayName: container
3. governsId: 1.2.840.113556.1.3.23
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. mayContain: msDS-ObjectReference
9. systemMayContain: schemaVersion, defaultClassStore
10. systemPossSuperiors: msDS-AzScope, msDS-AzApplication,
11. msDS-AzAdminManager, subnet, server, nTDSService, domainDNS,
12. organization, configuration, container, organizationalUnit
13. schemaIdGuid: bf967a8b-0de6-11d0-a285-00aa003049e2
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Container,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class controlAccessRight

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

1. cn: Control-Access-Right
2. ldapDisplayName: controlAccessRight
3. governsId: 1.2.840.113556.1.5.77
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: validAccesses, rightsGuid, localizationDisplayId,
8. appliesTo
9. systemPossSuperiors: container
10. schemaIdGuid: 8297931e-86d3-11d0-afda-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Control-Access-Right,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class country

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

1. cn: Country
2. ldapDisplayName: country
3. governsId: 2.5.6.2
4. objectClassCategory: 0
5. rdnAttId: c
6. subClassOf: top
7. systemMustContain: c
8. systemMayContain: co, searchGuide
9. systemPossSuperiors: domainDNS, organization
10. schemaIdGuid: bf967a8c-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Country,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class cRLDistributionPoint

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

1. cn: CRL-Distribution-Point
2. ldapDisplayName: cRLDistributionPoint
3. governsId: 2.5.6.19
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: deltaRevocationList, cRLPartitionedRevocationList,
9. certificateRevocationList, certificateAuthorityObject,
10. authorityRevocationList
11. systemPossSuperiors: container
12. schemaIdGuid: 167758ca-47f3-11d1-a9c3-0000f80367c1
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=CRL-Distribution-Point,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class crossRef

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

1. cn: Cross-Ref
2. ldapDisplayName: crossRef
3. governsId: 1.2.840.113556.1.3.11
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: nCName, dnsRoot, cn
8. systemMayContain: msDS-NC-RO-Replica-Locations, trustParent,
9. superiorDNSRoot, rootTrust, nTMixedDomain, nETBIOSName, Enabled,
10. msDS-SDReferenceDomain,
11. msDS-Replication-Notify-Subsequent-DSA-Delay,
12. msDS-Replication-Notify-First-DSA-Delay, msDS-NC-Replica-Locations,
13. msDS-DnsRootAlias, msDS-Behavior-Version
14. systemPossSuperiors: crossRefContainer
15. schemaIdGuid: bf967a8d-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Cross-Ref,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class crossRefContainer

Holds the cross-reference objects for all naming contexts.

1. cn: Cross-Ref-Container
2. ldapDisplayName: crossRefContainer
3. governsId: 1.2.840.113556.1.5.7000.53
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-EnabledFeature, msDS-SPNSuffixes, uPNSuffixes,
8. msDS-UpdateScript, msDS-ExecuteScriptPassword, msDS-Behavior-Version
9. systemPossSuperiors: configuration
10. schemaIdGuid: ef9e60e0-56f7-11d1-a9c6-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;GA;;;SY)
12. defaultHidingValue: FALSE
13. systemOnly: TRUE
14. defaultObjectCategory: CN=Cross-Ref-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class device

A generic base class for physical devices.

1. cn: Device
2. ldapDisplayName: device
3. governsId: 2.5.6.14
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. auxiliaryClass: ipHost, ieee802Device, bootableDevice
8. systemMustContain: cn
9. mayContain: msSFU30Name, msSFU30NisDomain, nisMapName, msSFU30Aliases
10. systemMayContain: serialNumber, seeAlso, owner, ou, o, l
11. systemPossSuperiors: domainDNS, organizationalUnit, organization,
12. container
13. schemaIdGuid: bf967a8e-0de6-11d0-a285-00aa003049e2
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Device,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class dfsConfiguration

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

1. cn: Dfs-Configuration
2. ldapDisplayName: dfsConfiguration
3. governsId: 1.2.840.113556.1.5.42
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container, domainDNS
8. schemaIdGuid: 8447f9f2-1027-11d0-a05f-00aa006c33ed
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Dfs-Configuration,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class dHCPClass

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

1. cn: DHCP-Class
2. ldapDisplayName: dHCPClass
3. governsId: 1.2.840.113556.1.5.132
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: dhcpUniqueKey, dhcpType, dhcpIdentification,
8. dhcpFlags
9. systemMayContain: superScopes, superScopeDescription,
10. optionsLocation, optionDescription, networkAddress, mscopeId,
11. dhcpUpdateTime, dhcpSubnets, dhcpState, dhcpSites, dhcpServers,
12. dhcpReservations, dhcpRanges, dhcpProperties, dhcpOptions,
13. dhcpObjName, dhcpObjDescription, dhcpMaxKey, dhcpMask, dhcpClasses
14. systemPossSuperiors: container
15. schemaIdGuid: 963d2756-48be-11d1-a9c3-0000f80367c1
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=DHCP-Class,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class displaySpecifier

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

1. cn: Display-Specifier
2. ldapDisplayName: displaySpecifier
3. governsId: 1.2.840.113556.1.5.84
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: treatAsLeaf, shellPropertyPages, shellContextMenu,
8. scopeFlags, queryFilter, iconPath, extraColumns, creationWizard,
9. createWizardExt, createDialog, contextMenu, classDisplayName,
10. attributeDisplayNames, adminPropertyPages,
11. adminMultiselectPropertyPages, adminContextMenu
12. systemPossSuperiors: container
13. schemaIdGuid: e0fa1e8a-9b45-11d0-afdd-00c04fd930c9
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Display-Specifier,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class displayTemplate

Specifies information for an address template.

1. cn: Display-Template
2. ldapDisplayName: displayTemplate
3. governsId: 1.2.840.113556.1.3.59
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: originalDisplayTableMSDOS, originalDisplayTable,
9. helpFileName, helpData32, helpData16, addressEntryDisplayTableMSDOS,
10. addressEntryDisplayTable
11. systemPossSuperiors: container
12. schemaIdGuid: 5fd4250c-1262-11d0-a060-00aa006c33ed
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Display-Template,<SchemaNCDN>

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

## 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.

1. cn: DMD
2. ldapDisplayName: dMD
3. governsId: 1.2.840.113556.1.3.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: msDS-USNLastSyncSuccess, schemaUpdate, schemaInfo,
9. prefixMap, msDs-Schema-Extensions, msDS-IntId, dmdName
10. systemPossSuperiors: configuration
11. schemaIdGuid: bf967a8f-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: TRUE
16. defaultObjectCategory: CN=DMD,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class dnsNode

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

1. cn: Dns-Node
2. ldapDisplayName: dnsNode
3. governsId: 1.2.840.113556.1.5.86
4. objectClassCategory: 1
5. rdnAttId: dc
6. subClassOf: top
7. systemMustContain: dc
8. systemMayContain: dNSTombstoned, dnsRecord, dNSProperty
9. systemPossSuperiors: dnsZone, dnsZoneScope
10. schemaIdGuid: e0fa1e8c-9b45-11d0-afdd-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;WD)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Dns-Node,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class dnsZone

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

1. cn: Dns-Zone
2. ldapDisplayName: dnsZone
3. governsId: 1.2.840.113556.1.5.85
4. objectClassCategory: 1
5. rdnAttId: dc
6. subClassOf: top
7. systemMustContain: dc
8. systemMayContain: managedBy, dnsSecureSecondaries, dNSProperty,
9. dnsNotifySecondaries, dnsAllowXFR, dnsAllowDynamic, msDNS-IsSigned,
10. msDNS-SignWithNSEC3, msDNS-NSEC3OptOut, msDNS-MaintainTrustAnchor,
11. msDNS-DSRecordAlgorithms, msDNS-RFC5011KeyRollovers,
12. msDNS-NSEC3HashAlgorithm, msDNS-NSEC3RandomSaltLength,
13. msDNS-NSEC3Iterations, msDNS-DNSKEYRecordSetTTL, msDNS-DSRecordSetTTL,
14. msDNS-SignatureInceptionOffset, msDNS-SecureDelegationPollingPeriod,
15. msDNS-SigningKeyDescriptors, msDNS-SigningKeys, msDNS-DNSKEYRecords,
16. msDNS-ParentHasSecureDelegation, msDNS-PropagationTime,
17. msDNS-NSEC3UserSalt, msDNS-NSEC3CurrentSalt
18. systemPossSuperiors: container
19. schemaIdGuid: e0fa1e8b-9b45-11d0-afdd-00c04fd930c9
20. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
21. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)
22. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;CC;;;AU)(A;;RPLCLORC;;;WD)
23. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
24. defaultHidingValue: TRUE
25. systemOnly: FALSE
26. defaultObjectCategory: CN=Dns-Zone,<SchemaNCDN>
27. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class dnsZoneScope

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

1. cn: Dns-Zone-Scope
2. ldapDisplayName: dnsZoneScope
3. governsId: 1.2.840.113556.1.5.301
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: dnsZoneScopeContainer
8. systemMustContain: dc
9. systemMayContain: dNSProperty, managedBy
10. schemaIdGuid: 696f8a61-2d3f-40ce-a4b3-e275dfcc49c5
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;CC;;;AU)(A;;RPLCLORC;;;WD)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Dns-Zone-Scope,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
18. showInAdvancedViewOnly: TRUE

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

## Class dnsZoneScopeContainer

The container for DNS Zone Scope objects.

1. cn: Dns-Zone-Scope-Container
2. ldapDisplayName: dnsZoneScopeContainer
3. governsId: 1.2.840.113556.1.5.300
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: dnsZone
8. schemaIdGuid: f2699093-f25a-4220-9deb-03df4cc4a9c5
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. (A;;CC;;;AU)(A;;RPLCLORC;;;WD)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Dns-Zone-Scope-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
16. showInAdvancedViewOnly: TRUE

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

## Class document

Defines entries that represent documents.

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

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

## Class documentSeries

Defines an entry that represents a series of documents.

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

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

## Class domain

Contains information about a domain.

1. cn: Domain
2. ldapDisplayName: domain
3. governsId: 1.2.840.113556.1.5.66
4. objectClassCategory: 2
5. rdnAttId: dc
6. subClassOf: top
7. systemMustContain: dc
8. systemPossSuperiors: domain, organization
9. schemaIdGuid: 19195a5a-6da0-11d0-afd3-00c04fd930c9
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Domain-DNS,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class domainDNS

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

1. cn: Domain-DNS
2. ldapDisplayName: domainDNS
3. governsId: 1.2.840.113556.1.5.67
4. objectClassCategory: 1
5. rdnAttId: dc
6. subClassOf: domain
7. systemAuxiliaryClass: samDomain
8. systemMayContain: msDS-EnabledFeature, msDS-USNLastSyncSuccess,
9. msDS-Behavior-Version, msDS-AllowedDNSSuffixes, managedBy,
10. msDS-ExpirePasswordsOnSmartCardOnlyAccounts
11. systemPossSuperiors: domainDNS
12. schemaIdGuid: 19195a5b-6da0-11d0-afd3-00c04fd930c9
13. defaultSecurityDescriptor: D:
14. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;RO)(A;;RP;;;WD)
15. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;ED)
16. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;ED)
17. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;ED)
18. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;BA)
19. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;BA)
20. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;BA)(A;;RPLCLORC;;;AU)
21. (A;;RPWPCRLCLOCCRCWDWOSW;;;DA)(A;CI;RPWPCRLCLOCCRCWDWOSDSW;;;BA)
22. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
23. (A;CI;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)(A;CI;LC;;;RU)
24. (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
25. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
26. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
27. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
28. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
29. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
30. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
31. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
32. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
33. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
34. (OA;;RP;c7407360-20bf-11d0-a768-00aa006e0529;;RU)
35. (OA;CIIO;RPLCLORC;;bf967a9c-0de6-11d0-a285-00aa003049e2;RU)
36. (A;;RPRC;;;RU)
37. (OA;CIIO;RPLCLORC;;bf967aba-0de6-11d0-a285-00aa003049e2;RU)
38. (A;;LCRPLORC;;;ED)(OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
39. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
40. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
41. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
42. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
43. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
44. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
45. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
46. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
47. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
48. (OA;CIIO;RPLCLORC;;4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
49. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;RU)
50. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;AU)
51. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
52. bf967aba-0de6-11d0-a285-00aa003049e2;ED)
53. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
54. bf967a9c-0de6-11d0-a285-00aa003049e2;ED)
55. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
56. bf967a86-0de6-11d0-a285-00aa003049e2;ED)
57. (OA;CIIO;WP;ea1b7b93-5e48-46d5-bc6c-4df4fda78a35;
58. bf967a86-0de6-11d0-a285-00aa003049e2;PS)
59. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;DD)
60. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;ED)
61. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;BA)
62. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;BA)
63. (OA;;CR;e2a36dc9-ae17-47c3-b58b-be34c55ba633;;S-1-5-32-557)
64. (OA;;CR;280f369c-67c7-438e-ae98-1d46f3c6f541;;AU)
65. (OA;;CR;ccc2dc7d-a6ad-4a7a-8846-c04e3cc53501;;AU)
66. (OA;;CR;05c74c5e-4deb-43b4-bd9f-86664c2a7fd5;;AU)
67. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;ED)
68. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;BA)
69. (OA;CIIO;CRRPWP;91e647de-d96f-4b70-9557-d63ff4f3ccd8;;PS)
70. (OA;CIOI;RPWP;3f78c3e5-f79a-46bd-a0b8-9d18116ddc79;;PS)
71. S:(AU;SA;WDWOWP;;;WD)(AU;SA;CR;;;BA)(AU;SA;CR;;;DU)
72. (OU;CISA;WP;f30e3bbe-9ff0-11d1-b603-0000f80367c1;
73. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
74. (OU;CISA;WP;f30e3bbf-9ff0-11d1-b603-0000f80367c1;
75. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
76. defaultHidingValue: FALSE
77. systemOnly: FALSE
78. defaultObjectCategory: CN=Domain-DNS,<SchemaNCDN>
79. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class domainPolicy

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

1. cn: Domain-Policy
2. ldapDisplayName: domainPolicy
3. governsId: 1.2.840.113556.1.5.18
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: qualityOfService, pwdProperties, pwdHistoryLength,
8. publicKeyPolicy, proxyLifetime, minTicketAge, minPwdLength,
9. minPwdAge, maxTicketAge, maxRenewAge, maxPwdAge, managedBy,
10. lockoutThreshold, lockoutDuration, lockOutObservationWindow,
11. ipsecPolicyReference, forceLogoff, eFSPolicy, domainWidePolicy,
12. domainPolicyReference, domainCAs, defaultLocalPolicyObject,
13. authenticationOptions
14. systemPossSuperiors: organizationalUnit, domainDNS, container
15. schemaIdGuid: bf967a99-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Domain-Policy,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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]](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a), and also see [[RFC1035]](https://go.microsoft.com/fwlink/?LinkId=90264) section 3.1 and [[RFC2181]](https://go.microsoft.com/fwlink/?LinkId=127732) section 11).

1. cn: domainRelatedObject
2. ldapDisplayName: domainRelatedObject
3. governsId: 0.9.2342.19200300.100.4.17
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: associatedDomain
8. schemaIdGuid: 8bfd2d3d-efda-4549-852c-f85e137aedc6
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=domainRelatedObject,<SchemaNCDN>

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

## Class dSA

The X.500 base class for dSA.

1. cn: DSA
2. ldapDisplayName: dSA
3. governsId: 2.5.6.13
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationEntity
7. systemMayContain: knowledgeInformation
8. systemPossSuperiors: server, computer
9. schemaIdGuid: 3fdfee52-47f4-11d1-a9c3-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=DSA,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class dSUISettings

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

1. cn: DS-UI-Settings
2. ldapDisplayName: dSUISettings
3. governsId: 1.2.840.113556.1.5.183
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-Non-Security-Group-Extra-Classes,
8. msDS-Security-Group-Extra-Classes, msDS-FilterContainers,
9. dSUIShellMaximum, dSUIAdminNotification, dSUIAdminMaximum
10. systemPossSuperiors: container
11. schemaIdGuid: 09b10f14-6f93-11d2-9905-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=DS-UI-Settings,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: Dynamic-Object
2. ldapDisplayName: dynamicObject
3. governsId: 1.3.6.1.4.1.1466.101.119.2
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-Entry-Time-To-Die, entryTTL
8. schemaIdGuid: 66d51249-3355-4c1f-b24e-81f252aca23b
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Dynamic-Object,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class fileLinkTracking

The container for [fileLinkTrackingEntry](#Section_aeaae7136db242feb45854810712496b) objects.

1. cn: File-Link-Tracking
2. ldapDisplayName: fileLinkTracking
3. governsId: 1.2.840.113556.1.5.52
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: dd712229-10e4-11d0-a05f-00aa006c33ed
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=File-Link-Tracking,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class fileLinkTrackingEntry

Holds the GUID and the current machine information for a link-tracked file. GUID is defined in [[MS-DTYP]](%5BMS-DTYP%5D.pdf#Section_cca2742956894a16b2b49325d93e4ba2) section 2.3.4.

1. cn: File-Link-Tracking-Entry
2. ldapDisplayName: fileLinkTrackingEntry
3. governsId: 1.2.840.113556.1.5.59
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: fileLinkTracking
8. schemaIdGuid: 8e4eb2ed-4712-11d0-a1a0-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=File-Link-Tracking-Entry,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class foreignSecurityPrincipal

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

1. cn: Foreign-Security-Principal
2. ldapDisplayName: foreignSecurityPrincipal
3. governsId: 1.2.840.113556.1.5.76
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: objectSid
8. systemMayContain: foreignIdentifier
9. systemPossSuperiors: container
10. schemaIdGuid: 89e31c12-8530-11d0-afda-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
14. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
15. (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
16. (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
17. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
18. (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
19. (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)(A;;RC;;;AU)
20. (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
21. (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
22. (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
23. (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
24. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
25. defaultHidingValue: TRUE
26. systemOnly: FALSE
27. defaultObjectCategory: CN=Foreign-Security-Principal,<SchemaNCDN>
28. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class friendlyCountry

Defines country entries in the directory information tree.

1. cn: friendlyCountry
2. ldapDisplayName: friendlyCountry
3. governsId: 0.9.2342.19200300.100.4.18
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: country
7. mustContain: co
8. schemaIdGuid: c498f152-dc6b-474a-9f52-7cdba3d7d351
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=friendlyCountry,<SchemaNCDN>

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

## Class fTDfs

Defines a single fault-tolerant DFS configuration.

1. cn: FT-Dfs
2. ldapDisplayName: fTDfs
3. governsId: 1.2.840.113556.1.5.43
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: remoteServerName, pKTGuid, pKT
8. systemMayContain: uNCName, managedBy, keywords
9. systemPossSuperiors: dfsConfiguration
10. schemaIdGuid: 8447f9f3-1027-11d0-a05f-00aa006c33ed
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=FT-Dfs,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class group

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

1. cn: Group
2. ldapDisplayName: group
3. governsId: 1.2.840.113556.1.5.8
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. auxiliaryClass: posixGroup
8. systemAuxiliaryClass: mailRecipient, securityPrincipal
9. systemMustContain: groupType
10. mayContain: msSFU30Name, msSFU30NisDomain, msSFU30PosixMember
11. systemMayContain: msDS-AzApplicationData,
12. msDS-AzLastImportedBizRulePath, msDS-AzBizRuleLanguage,
13. msDS-AzBizRule, msDS-AzGenericData, msDS-AzObjectGuid,
14. primaryGroupToken, operatorCount, nTGroupMembers, nonSecurityMember,
15. msDS-NonMembers, msDS-AzLDAPQuery, member, managedBy,
16. groupMembershipSAM, groupAttributes, mail, desktopProfile,
17. controlAccessRights, adminCount, msDS-PrimaryComputer,
18. msDS-preferredDataLocation
19. systemPossSuperiors: msDS-AzScope, msDS-AzApplication,
20. msDS-AzAdminManager, container, builtinDomain, organizationalUnit,
21. domainDNS
22. schemaIdGuid: bf967a9c-0de6-11d0-a285-00aa003049e2
23. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
24. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
25. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
26. (OA;;CR;ab721a55-1e2f-11d0-9819-00aa0040529b;;AU)
27. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
28. defaultHidingValue: FALSE
29. systemOnly: FALSE
30. defaultObjectCategory: CN=Group,<SchemaNCDN>
31. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class groupOfNames

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

1. cn: Group-Of-Names
2. ldapDisplayName: groupOfNames
3. governsId: 2.5.6.9
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: member, cn
8. systemMayContain: seeAlso, owner, ou, o, businessCategory
9. systemPossSuperiors: organizationalUnit, locality, organization,
10. container
11. schemaIdGuid: bf967a9d-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Group-Of-Names,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class groupOfUniqueNames

Defines the entries for a group of unique names.

1. cn: groupOfUniqueNames
2. ldapDisplayName: groupOfUniqueNames
3. governsId: 2.5.6.17
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: uniqueMember, cn
8. mayContain: seeAlso, owner, ou, o, description, businessCategory
9. possSuperiors: domainDNS, organizationalUnit, container
10. schemaIdGuid: 0310a911-93a3-4e21-a7a3-55d85ab2c48b
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=groupOfUniqueNames,<SchemaNCDN>

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

## Class groupPolicyContainer

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

1. cn: Group-Policy-Container
2. ldapDisplayName: groupPolicyContainer
3. governsId: 1.2.840.113556.1.5.157
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemMayContain: versionNumber, gPCWQLFilter, gPCUserExtensionNames,
8. gPCMachineExtensionNames, gPCFunctionalityVersion, gPCFileSysPath,
9. flags
10. schemaIdGuid: f30e3bc2-9ff0-11d1-b603-0000f80367c1
11. defaultSecurityDescriptor: D:P(A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;DA)
12. (A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;EA)
13. (A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;CO)
14. (A;CI;RPWPCCDCLCLORCWOWDSDDTSW;;;SY)(A;CI;RPLCLORC;;;AU)
15. (OA;CI;CR;edacfd8f-ffb3-11d1-b41d-00a0c968f939;;AU)
16. (A;CI;LCRPLORC;;;ED)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Group-Policy-Container,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ieee802Device

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

1. cn: IEEE802Device
2. ldapDisplayName: ieee802Device
3. governsId: 1.3.6.1.1.1.2.11
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: cn, macAddress
8. schemaIdGuid: a699e529-a637-4b7d-a0fb-5dc466a0b8a7
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=IEEE802Device,<SchemaNCDN>

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

## Class indexServerCatalog

Holds the information for an Index Server catalog.

1. cn: Index-Server-Catalog
2. ldapDisplayName: indexServerCatalog
3. governsId: 1.2.840.113556.1.5.130
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: creator
8. systemMayContain: uNCName, queryPoint, indexedScopes, friendlyNames
9. systemPossSuperiors: organizationalUnit, container
10. schemaIdGuid: 7bfdcb8a-4807-11d1-a9c3-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Index-Server-Catalog,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class inetOrgPerson

Represents people who are associated with an organization.

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

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

## Class infrastructureUpdate

Represents the infrastructure master for a domain.

1. cn: Infrastructure-Update
2. ldapDisplayName: infrastructureUpdate
3. governsId: 1.2.840.113556.1.5.175
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: dNReferenceUpdate
8. systemPossSuperiors: infrastructureUpdate, domain
9. schemaIdGuid: 2df90d89-009f-11d2-aa4c-00c04fd7d83a
10. defaultSecurityDescriptor: D:(A;;GA;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: TRUE
13. defaultObjectCategory: CN=Infrastructure-Update,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class intellimirrorGroup

Remote boot legacy for managing groups of server machines.

1. cn: Intellimirror-Group
2. ldapDisplayName: intellimirrorGroup
3. governsId: 1.2.840.113556.1.5.152
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: domainDNS, organizationalUnit, container
8. schemaIdGuid: 07383086-91df-11d1-aebc-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;CCDC;;;CO)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Intellimirror-Group,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class intellimirrorSCP

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

1. cn: Intellimirror-SCP
2. ldapDisplayName: intellimirrorSCP
3. governsId: 1.2.840.113556.1.5.151
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceAdministrationPoint
7. systemMayContain: netbootTools, netbootServer, netbootNewMachineOU,
8. netbootNewMachineNamingPolicy, netbootMaxClients,
9. netbootMachineFilePath, netbootLocallyInstalledOSes,
10. netbootLimitClients, netbootIntelliMirrorOSes,
11. netbootCurrentClientCount, netbootAnswerRequests,
12. netbootAnswerOnlyValidClients, netbootAllowNewClients
13. systemPossSuperiors: computer, intellimirrorGroup
14. schemaIdGuid: 07383085-91df-11d1-aebc-0000f80367c1
15. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Intellimirror-SCP,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: Inter-Site-Transport
2. ldapDisplayName: interSiteTransport
3. governsId: 1.2.840.113556.1.5.141
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: transportDLLName, transportAddressAttribute
8. systemMayContain: replInterval, options
9. systemPossSuperiors: interSiteTransportContainer
10. schemaIdGuid: 26d97376-6070-11d1-a9c6-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Inter-Site-Transport,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class interSiteTransportContainer

Holds [interSiteTransport](#Section_299e17d34d05445fae8c9d5abf598873) objects.

1. cn: Inter-Site-Transport-Container
2. ldapDisplayName: interSiteTransportContainer
3. governsId: 1.2.840.113556.1.5.140
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: sitesContainer
8. schemaIdGuid: 26d97375-6070-11d1-a9c6-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Inter-Site-Transport-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ipHost

An abstraction of a host; an IP device.

1. cn: IpHost
2. ldapDisplayName: ipHost
3. governsId: 1.3.6.1.1.1.2.6
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: manager, cn, description, ipHostNumber, uid, l
8. schemaIdGuid: ab911646-8827-4f95-8780-5a8f008eb68f
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=IpHost,<SchemaNCDN>

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

## Class ipNetwork

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

1. cn: IpNetwork
2. ldapDisplayName: ipNetwork
3. governsId: 1.3.6.1.1.1.2.7
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, ipNetworkNumber
8. mayContain: manager, description, ipNetmaskNumber, uid, l,
9. msSFU30Name, msSFU30NisDomain, nisMapName, msSFU30Aliases
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: d95836c3-143e-43fb-992a-b057f1ecadf9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=IpNetwork,<SchemaNCDN>

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

## Class ipProtocol

An abstraction of an IP protocol.

1. cn: IpProtocol
2. ldapDisplayName: ipProtocol
3. governsId: 1.3.6.1.1.1.2.4
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, ipProtocolNumber
8. mayContain: description, msSFU30Name, msSFU30NisDomain, nisMapName,
9. msSFU30Aliases
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: 9c2dcbd2-fbf0-4dc7-ace0-8356dcd0f013
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=IpProtocol,<SchemaNCDN>

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

## Class ipsecBase

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

1. cn: Ipsec-Base
2. ldapDisplayName: ipsecBase
3. governsId: 1.2.840.113556.1.5.7000.56
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: ipsecOwnersReference, ipsecName, ipsecID,
8. ipsecDataType, ipsecData
9. schemaIdGuid: b40ff825-427a-11d1-a9c2-0000f80367c1
10. defaultSecurityDescriptor: D:
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Ipsec-Base,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ipsecFilter

A filter expression for applying security.

1. cn: Ipsec-Filter
2. ldapDisplayName: ipsecFilter
3. governsId: 1.2.840.113556.1.5.118
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemPossSuperiors: organizationalUnit, computer, container
8. schemaIdGuid: b40ff826-427a-11d1-a9c2-0000f80367c1
9. defaultSecurityDescriptor: D:
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Ipsec-Filter,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ipsecISAKMPPolicy

This class is for internal use only.

1. cn: Ipsec-ISAKMP-Policy
2. ldapDisplayName: ipsecISAKMPPolicy
3. governsId: 1.2.840.113556.1.5.120
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemPossSuperiors: container, computer, organizationalUnit
8. schemaIdGuid: b40ff828-427a-11d1-a9c2-0000f80367c1
9. defaultSecurityDescriptor: D:
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Ipsec-ISAKMP-Policy,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ipsecNegotiationPolicy

This class is for internal use only.

1. cn: Ipsec-Negotiation-Policy
2. ldapDisplayName: ipsecNegotiationPolicy
3. governsId: 1.2.840.113556.1.5.119
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemMayContain: iPSECNegotiationPolicyType,
8. iPSECNegotiationPolicyAction
9. systemPossSuperiors: organizationalUnit, computer, container
10. schemaIdGuid: b40ff827-427a-11d1-a9c2-0000f80367c1
11. defaultSecurityDescriptor: D:
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Ipsec-Negotiation-Policy,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ipsecNFA

This class is for internal use only.

1. cn: Ipsec-NFA
2. ldapDisplayName: ipsecNFA
3. governsId: 1.2.840.113556.1.5.121
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemMayContain: ipsecNegotiationPolicyReference,
8. ipsecFilterReference
9. systemPossSuperiors: container, computer, organizationalUnit
10. schemaIdGuid: b40ff829-427a-11d1-a9c2-0000f80367c1
11. defaultSecurityDescriptor: D:
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Ipsec-NFA,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ipsecPolicy

This class is for internal use only.

1. cn: Ipsec-Policy
2. ldapDisplayName: ipsecPolicy
3. governsId: 1.2.840.113556.1.5.98
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemMayContain: ipsecNFAReference, ipsecISAKMPReference
8. systemPossSuperiors: organizationalUnit, computer, container
9. schemaIdGuid: b7b13121-b82e-11d0-afee-0000f80367c1
10. defaultSecurityDescriptor: D:
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Ipsec-Policy,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class ipService

An abstraction of an IP service.

1. cn: IpService
2. ldapDisplayName: ipService
3. governsId: 1.3.6.1.1.1.2.3
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: ipServiceProtocol, ipServicePort, cn
8. mayContain: description, msSFU30Name, msSFU30NisDomain,
9. msSFU30Aliases, nisMapName
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: 2517fadf-fa97-48ad-9de6-79ac5721f864
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=IpService,<SchemaNCDN>

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

## Class leaf

A base class for leaf objects.

1. cn: Leaf
2. ldapDisplayName: leaf
3. governsId: 1.2.840.113556.1.5.20
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. schemaIdGuid: bf967a9e-0de6-11d0-a285-00aa003049e2
8. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
9. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Leaf,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class licensingSiteSettings

Points to the licensing server for a site.

1. cn: Licensing-Site-Settings
2. ldapDisplayName: licensingSiteSettings
3. governsId: 1.2.840.113556.1.5.78
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSiteSettings
7. systemMayContain: siteServer
8. systemPossSuperiors: site
9. schemaIdGuid: 1be8f17d-a9ff-11d0-afe2-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Licensing-Site-Settings,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class linkTrackObjectMoveTable

A container for [linkTrackOMTEntry](#Section_ebc5931047b64a2b9728e1be2219a2e1) objects.

1. cn: Link-Track-Object-Move-Table
2. ldapDisplayName: linkTrackObjectMoveTable
3. governsId: 1.2.840.113556.1.5.91
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: fileLinkTracking
7. systemPossSuperiors: fileLinkTracking
8. schemaIdGuid: ddac0cf5-af8f-11d0-afeb-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Link-Track-Object-Move-Table,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class linkTrackOMTEntry

Tracks the link for objects that have moved.

1. cn: Link-Track-OMT-Entry
2. ldapDisplayName: linkTrackOMTEntry
3. governsId: 1.2.840.113556.1.5.93
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: timeRefresh, oMTIndxGuid, oMTGuid, currentLocation,
8. birthLocation
9. systemPossSuperiors: linkTrackObjectMoveTable
10. schemaIdGuid: ddac0cf7-af8f-11d0-afeb-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Link-Track-OMT-Entry,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class linkTrackVolEntry

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

1. cn: Link-Track-Vol-Entry
2. ldapDisplayName: linkTrackVolEntry
3. governsId: 1.2.840.113556.1.5.92
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: volTableIdxGUID, volTableGUID, timeVolChange,
8. timeRefresh, seqNotification, objectCount, linkTrackSecret,
9. currMachineId
10. systemPossSuperiors: linkTrackVolumeTable
11. schemaIdGuid: ddac0cf6-af8f-11d0-afeb-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Link-Track-Vol-Entry,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class linkTrackVolumeTable

A container for [linkTrackVolEntry](#Section_64461075558648219262dbd3927622e3) objects.

1. cn: Link-Track-Volume-Table
2. ldapDisplayName: linkTrackVolumeTable
3. governsId: 1.2.840.113556.1.5.90
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: fileLinkTracking
7. systemPossSuperiors: fileLinkTracking
8. schemaIdGuid: ddac0cf4-af8f-11d0-afeb-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Link-Track-Volume-Table,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class locality

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

1. cn: Locality
2. ldapDisplayName: locality
3. governsId: 2.5.6.3
4. objectClassCategory: 1
5. rdnAttId: l
6. subClassOf: top
7. systemMustContain: l
8. systemMayContain: street, st, seeAlso, searchGuide
9. systemPossSuperiors: domainDNS, country, organizationalUnit,
10. organization, locality
11. schemaIdGuid: bf967aa0-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Locality,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class lostAndFound

A special container for orphaned objects.

1. cn: Lost-And-Found
2. ldapDisplayName: lostAndFound
3. governsId: 1.2.840.113556.1.5.139
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: moveTreeState
8. systemPossSuperiors: configuration, domainDNS, dMD
9. schemaIdGuid: 52ab8671-5709-11d1-a9c6-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Lost-And-Found,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mailRecipient

Stores email configuration information.

1. cn: Mail-Recipient
2. ldapDisplayName: mailRecipient
3. governsId: 1.2.840.113556.1.3.46
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. mayContain: msDS-PhoneticDisplayName, userSMIMECertificate,
9. secretary, msExchLabeledURI, msExchAssistantName, labeledURI,
10. msDS-GeoCoordinatesAltitude, msDS-GeoCoordinatesLatitude,
11. msDS-GeoCoordinatesLongitude, msDS-ExternalDirectoryObjectId
12. systemMayContain: userCertificate, userCert, textEncodedORAddress,
13. telephoneNumber, showInAddressBook, legacyExchangeDN,
14. garbageCollPeriod, info
15. systemPossSuperiors: container
16. schemaIdGuid: bf967aa1-0de6-11d0-a285-00aa003049e2
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=Mail-Recipient,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class meeting

Stores information for setting up a meeting.

1. cn: Meeting
2. ldapDisplayName: meeting
3. governsId: 1.2.840.113556.1.5.104
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: meetingName
8. systemMayContain: meetingURL, meetingType, meetingStartTime,
9. meetingScope, meetingRecurrence, meetingRating, meetingProtocol,
10. meetingOwner, meetingOriginator, meetingMaxParticipants,
11. meetingLocation, meetingLanguage, meetingKeyword,
12. meetingIsEncrypted, meetingIP, meetingID, meetingEndTime,
13. meetingDescription, meetingContactInfo, meetingBlob,
14. meetingBandwidth, meetingApplication, meetingAdvertiseScope
15. systemPossSuperiors: container
16. schemaIdGuid: 11b6cc94-48c4-11d1-a9c3-0000f80367c1
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=Meeting,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-net-ieee-80211-GroupPolicy
2. lDAPDisplayName: ms-net-ieee-80211-GroupPolicy
3. governsID: 1.2.840.113556.1.5.251
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMayContain: ms-net-ieee-80211-GP-PolicyReserved,
8. ms-net-ieee-80211-GP-PolicyData, ms-net-ieee-80211-GP-PolicyGUID
9. systemPossSuperiors: computer, container, person
10. schemaIDGUID: 1cb81863-b822-4379-9ea2-5ff7bdc6386d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-net-ieee-80211-GroupPolicy,
16. <SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-net-ieee-8023-GroupPolicy
2. lDAPDisplayName: ms-net-ieee-8023-GroupPolicy
3. governsID: 1.2.840.113556.1.5.252
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMayContain: ms-net-ieee-8023-GP-PolicyReserved,
8. ms-net-ieee-8023-GP-PolicyData, ms-net-ieee-8023-GP-PolicyGUID
9. systemPossSuperiors: computer, container, person
10. schemaIDGUID: 99a03a6a-ab19-4446-9350-0cb878ed2d9b
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-net-ieee-8023-GroupPolicy,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mS-SQL-OLAPCube

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

1. cn: MS-SQL-OLAPCube
2. ldapDisplayName: mS-SQL-OLAPCube
3. governsId: 1.2.840.113556.1.5.190
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
8. mS-SQL-InformationURL, mS-SQL-Status, mS-SQL-LastUpdatedDate,
9. mS-SQL-Size, mS-SQL-Description, mS-SQL-Contact, mS-SQL-Name
10. systemPossSuperiors: mS-SQL-OLAPDatabase
11. schemaIdGuid: 09f0506a-cd28-11d2-9993-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=MS-SQL-OLAPCube,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mS-SQL-OLAPDatabase

A container that stores [mS-SQL-OLAPCube](#Section_9a006cb279044fdbbb793001cea599a2) objects.

1. cn: MS-SQL-OLAPDatabase
2. ldapDisplayName: mS-SQL-OLAPDatabase
3. governsId: 1.2.840.113556.1.5.189
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
8. mS-SQL-ConnectionURL, mS-SQL-InformationURL, mS-SQL-Status,
9. mS-SQL-Applications, mS-SQL-LastBackupDate, mS-SQL-LastUpdatedDate,
10. mS-SQL-Size, mS-SQL-Type, mS-SQL-Description, mS-SQL-Contact,
11. mS-SQL-Name
12. systemPossSuperiors: mS-SQL-OLAPServer
13. schemaIdGuid: 20af031a-ccef-11d2-9993-0000f87a57d4
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=MS-SQL-OLAPDatabase,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mS-SQL-OLAPServer

A container that stores [mS-SQL-OLAPDatabase](#Section_9df301bf47124d738185cc96abc8b149) objects.

1. cn: MS-SQL-OLAPServer
2. ldapDisplayName: mS-SQL-OLAPServer
3. governsId: 1.2.840.113556.1.5.185
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceConnectionPoint
7. systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
8. mS-SQL-InformationURL, mS-SQL-Status, mS-SQL-Language,
9. mS-SQL-ServiceAccount, mS-SQL-Contact, mS-SQL-RegisteredOwner,
10. mS-SQL-Build, mS-SQL-Version, mS-SQL-Name
11. systemPossSuperiors: serviceConnectionPoint
12. schemaIdGuid: 0c7e18ea-ccef-11d2-9993-0000f87a57d4
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=MS-SQL-OLAPServer,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mS-SQL-SQLDatabase

Stores SQL Server database properties.

1. cn: MS-SQL-SQLDatabase
2. ldapDisplayName: mS-SQL-SQLDatabase
3. governsId: 1.2.840.113556.1.5.188
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-Keywords, mS-SQL-InformationURL,
8. mS-SQL-Status, mS-SQL-Applications, mS-SQL-LastDiagnosticDate,
9. mS-SQL-LastBackupDate, mS-SQL-CreationDate, mS-SQL-Size,
10. mS-SQL-Contact, mS-SQL-Alias, mS-SQL-Description, mS-SQL-Name
11. systemPossSuperiors: mS-SQL-SQLServer
12. schemaIdGuid: 1d08694a-ccef-11d2-9993-0000f87a57d4
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=MS-SQL-SQLDatabase,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mS-SQL-SQLPublication

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

1. cn: MS-SQL-SQLPublication
2. ldapDisplayName: mS-SQL-SQLPublication
3. governsId: 1.2.840.113556.1.5.187
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-ThirdParty,
8. mS-SQL-AllowSnapshotFilesFTPDownloading,
9. mS-SQL-AllowQueuedUpdatingSubscription,
10. mS-SQL-AllowImmediateUpdatingSubscription,
11. mS-SQL-AllowKnownPullSubscription, mS-SQL-Publisher,
12. mS-SQL-AllowAnonymousSubscription, mS-SQL-Database, mS-SQL-Type,
13. mS-SQL-Status, mS-SQL-Description, mS-SQL-Name
14. systemPossSuperiors: mS-SQL-SQLServer
15. schemaIdGuid: 17c2f64e-ccef-11d2-9993-0000f87a57d4
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=MS-SQL-SQLPublication,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mS-SQL-SQLRepository

Stores SQL Server repository properties.

1. cn: MS-SQL-SQLRepository
2. ldapDisplayName: mS-SQL-SQLRepository
3. governsId: 1.2.840.113556.1.5.186
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-InformationDirectory, mS-SQL-Version,
8. mS-SQL-Description, mS-SQL-Status, mS-SQL-Build, mS-SQL-Contact,
9. mS-SQL-Name
10. systemPossSuperiors: mS-SQL-SQLServer
11. schemaIdGuid: 11d43c5c-ccef-11d2-9993-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=MS-SQL-SQLRepository,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class mS-SQL-SQLServer

A container that stores [mS-SQL-SQLDatabase](#Section_bc2fd401318e495dbc7a505c068acb7b), [mS-SQL-SQLPublication](#Section_4a0a1ff6a20f47dabf9c8a94bfec08c3), and [mS-SQL-SQLRepository](#Section_25912bccff124b9d8ac77509775959af) objects.

1. cn: MS-SQL-SQLServer
2. ldapDisplayName: mS-SQL-SQLServer
3. governsId: 1.2.840.113556.1.5.184
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceConnectionPoint
7. systemMayContain: mS-SQL-Keywords, mS-SQL-GPSHeight,
8. mS-SQL-GPSLongitude, mS-SQL-GPSLatitude, mS-SQL-InformationURL,
9. mS-SQL-LastUpdatedDate, mS-SQL-Status, mS-SQL-Vines,
10. mS-SQL-AppleTalk, mS-SQL-TCPIP, mS-SQL-SPX, mS-SQL-MultiProtocol,
11. mS-SQL-NamedPipe, mS-SQL-Clustered, mS-SQL-UnicodeSortOrder,
12. mS-SQL-SortOrder, mS-SQL-CharacterSet, mS-SQL-ServiceAccount,
13. mS-SQL-Build, mS-SQL-Memory, mS-SQL-Location, mS-SQL-Contact,
14. mS-SQL-RegisteredOwner, mS-SQL-Name
15. systemPossSuperiors: serviceConnectionPoint
16. schemaIdGuid: 05f6c878-ccef-11d2-9993-0000f87a57d4
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=MS-SQL-SQLServer,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msAuthz-CentralAccessPolicies

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

1. cn: ms-Authz-Central-Access-Policies
2. ldapDisplayName: msAuthz-CentralAccessPolicies
3. governsId: 1.2.840.113556.1.4.2161
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 555c21c3-a136-455a-9397-796bbd358e25
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-Authz-Central-Access-Policies,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msAuthz-CentralAccessPolicy

A class that defines Central Access Policy objects.

1. cn: ms-Authz-Central-Access-Policy
2. ldapDisplayName: msAuthz-CentralAccessPolicy
3. governsId: 1.2.840.113556.1.4.2164
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msAuthz-MemberRulesInCentralAccessPolicy,
8. msAuthz-CentralAccessPolicyID
9. systemPossSuperiors: msAuthz-CentralAccessPolicies
10. schemaIdGuid: a5679cb0-6f9d-432c-8b75-1e3e834f02aa
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-Authz-Central-Access-Policy,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msAuthz-CentralAccessRule

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

1. cn: ms-Authz-Central-Access-Rule
2. ldapDisplayName: msAuthz-CentralAccessRule
3. governsId: 1.2.840.113556.1.4.2163
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msAuthz-ResourceCondition,
8. msAuthz-MemberRulesInCentralAccessPolicyBL, msAuthz-LastEffectiveSecurityPolicy,
9. msAuthz-ProposedSecurityPolicy, msAuthz-EffectiveSecurityPolicy, Enabled
10. systemPossSuperiors: msAuthz-CentralAccessRules
11. schemaIdGuid: 5b4a06dc-251c-4edb-8813-0bdd71327226
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-Authz-Central-Access-Rule,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msAuthz-CentralAccessRules

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

1. cn: ms-Authz-Central-Access-Rules
2. ldapDisplayName: msAuthz-CentralAccessRules
3. governsId: 1.2.840.113556.1.4.2162
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 99bb1b7a-606d-4f8b-800e-e15be554ca8d
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-Authz-Central-Access-Rules,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-COM-Partition
2. ldapDisplayName: msCOM-Partition
3. governsId: 1.2.840.113556.1.5.193
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msCOM-ObjectId
8. systemPossSuperiors: domainDNS, organizationalUnit, container
9. schemaIdGuid: c9010e74-4e58-49f7-8a89-5e3e2340fcf8
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-COM-Partition,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msCOM-PartitionSet

A conceptual collection of COM+ partitions.

1. cn: ms-COM-PartitionSet
2. ldapDisplayName: msCOM-PartitionSet
3. governsId: 1.2.840.113556.1.5.194
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msCOM-PartitionLink, msCOM-DefaultPartitionLink,
8. msCOM-ObjectId
9. systemPossSuperiors: domainDNS, organizationalUnit, container
10. schemaIdGuid: 250464ab-c417-497a-975a-9e0d459a7ca1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-COM-PartitionSet,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDFS-DeletedLinkv2

A DFS link in the DFS namespace.

1. cn: ms-DFS-Deleted-Link-v2
2. ldapDisplayName: msDFS-DeletedLinkv2
3. governsId: 1.2.840.113556.1.5.260
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-NamespaceIdentityGUIDv2,
8. msDFS-LinkIdentityGUIDv2, msDFS-LastModifiedv2, msDFS-LinkPathv2
9. systemMayContain: msDFS-Commentv2, msDFS-ShortNameLinkPathv2
10. systemPossSuperiors: msDFS-Namespacev2
11. schemaIdGuid: 25173408-04ca-40e8-865e-3f9ce9bf1bd3
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
14. (A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFS-Deleted-Link-v2,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDFS-Linkv2

A DFS link in the DFS namespace.

1. cn: ms-DFS-Link-v2
2. ldapDisplayName: msDFS-Linkv2
3. governsId: 1.2.840.113556.1.5.259
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-GenerationGUIDv2,
8. msDFS-NamespaceIdentityGUIDv2, msDFS-LinkIdentityGUIDv2,
9. msDFS-LastModifiedv2, msDFS-Ttlv2, msDFS-TargetListv2,
10. msDFS-Propertiesv2, msDFS-LinkPathv2
11. systemMayContain: msDFS-Commentv2, msDFS-LinkSecurityDescriptorv2,
12. msDFS-ShortNameLinkPathv2
13. systemPossSuperiors: msDFS-Namespacev2
14. schemaIdGuid: 7769fb7a-1159-4e96-9ccd-68bc487073eb
15. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-DFS-Link-v2,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDFS-NamespaceAnchor

A DFS namespace anchor.

1. cn: ms-DFS-Namespace-Anchor
2. ldapDisplayName: msDFS-NamespaceAnchor
3. governsId: 1.2.840.113556.1.5.257
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-SchemaMajorVersion
8. systemPossSuperiors: dfsConfiguration
9. schemaIdGuid: da73a085-6e64-4d61-b064-015d04164795
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-DFS-Namespace-Anchor,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDFS-Namespacev2

A DFS namespace.

1. cn: ms-DFS-Namespace-v2
2. ldapDisplayName: msDFS-Namespacev2
3. governsId: 1.2.840.113556.1.5.258
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-SchemaMajorVersion,
8. msDFS-SchemaMinorVersion, msDFS-GenerationGUIDv2,
9. msDFS-NamespaceIdentityGUIDv2, msDFS-LastModifiedv2, msDFS-Ttlv2,
10. msDFS-TargetListv2, msDFS-Propertiesv2
11. systemMayContain: msDFS-Commentv2
12. systemPossSuperiors: msDFS-NamespaceAnchor
13. schemaIdGuid: 21cb8628-f3c3-4bbf-bff6-060b2d8f299a
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DFS-Namespace-v2,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDFSR-Connection

A directional connection between two members.

1. cn: ms-DFSR-Connection
2. ldapDisplayName: msDFSR-Connection
3. governsId: 1.2.840.113556.1.6.13.4.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: fromServer
8. mayContain: msDFSR-Options2, msDFSR-DisablePacketPrivacy,
9. msDFSR-Priority, msDFSR-Enabled, msDFSR-RdcEnabled,
10. msDFSR-RdcMinFileSizeInKb, msDFSR-Keywords, msDFSR-Schedule,
11. msDFSR-Flags, msDFSR-Options, msDFSR-Extension
12. possSuperiors: msDFSR-Member
13. schemaIdGuid: e58f972e-64b5-46ef-8d8b-bbc3e1897eab
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=ms-DFSR-Connection,<SchemaNCDN>

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

## Class msDFSR-Content

A container for [msDFSR-ContentSet](#Section_1137785be2204f64b8d88536dafd589d) objects.

1. cn: ms-DFSR-Content
2. ldapDisplayName: msDFSR-Content
3. governsId: 1.2.840.113556.1.6.13.4.6
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
8. msDFSR-Extension
9. possSuperiors: msDFSR-ReplicationGroup
10. schemaIdGuid: 64759b35-d3a1-42e4-b5f1-a3de162109b3
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFSR-Content,<SchemaNCDN>

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

## Class msDFSR-ContentSet

A Distributed File System Replication (DFSR) content set.

1. cn: ms-DFSR-ContentSet
2. ldapDisplayName: msDFSR-ContentSet
3. governsId: 1.2.840.113556.1.6.13.4.7
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-OnDemandExclusionDirectoryFilter,
8. msDFSR-OnDemandExclusionFileFilter,
9. msDFSR-DefaultCompressionExclusionFilter, msDFSR-DeletedSizeInMb,
10. msDFSR-Priority, msDFSR-ConflictSizeInMb, msDFSR-StagingSizeInMb,
11. msDFSR-RootSizeInMb, description, msDFSR-DfsPath, msDFSR-FileFilter,
12. msDFSR-DirectoryFilter, msDFSR-Flags, msDFSR-Options,
13. msDFSR-Extension
14. possSuperiors: msDFSR-Content
15. schemaIdGuid: 4937f40d-a6dc-4d48-97ca-06e5fbfd3f16
16. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
18. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
19. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
20. defaultHidingValue: TRUE
21. systemOnly: FALSE
22. defaultObjectCategory: CN=ms-DFSR-ContentSet,<SchemaNCDN>

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

## Class msDFSR-GlobalSettings

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

1. cn: ms-DFSR-GlobalSettings
2. ldapDisplayName: msDFSR-GlobalSettings
3. governsId: 1.2.840.113556.1.6.13.4.4
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
8. msDFSR-Extension
9. possSuperiors: container
10. schemaIdGuid: 7b35dbad-b3ec-486a-aad4-2fec9d6ea6f6
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFSR-GlobalSettings,<SchemaNCDN>

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

## Class msDFSR-LocalSettings

The DFSR settings that are applicable to a local computer.

1. cn: ms-DFSR-LocalSettings
2. ldapDisplayName: msDFSR-LocalSettings
3. governsId: 1.2.840.113556.1.6.13.4.1
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-StagingCleanupTriggerInPercent,
8. msDFSR-CommonStagingSizeInMb, msDFSR-CommonStagingPath,
9. msDFSR-Options2, msDFSR-Version, msDFSR-Flags, msDFSR-Options,
10. msDFSR-Extension
11. possSuperiors: computer
12. schemaIdGuid: fa85c591-197f-477e-83bd-ea5a43df2239
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-DFSR-LocalSettings,<SchemaNCDN>

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

## Class msDFSR-Member

A replication group member.

1. cn: ms-DFSR-Member
2. ldapDisplayName: msDFSR-Member
3. governsId: 1.2.840.113556.1.6.13.4.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-ComputerReference
8. mayContain: msDFSR-Options2, serverReference, msDFSR-Keywords,
9. msDFSR-Flags, msDFSR-Options, msDFSR-Extension
10. possSuperiors: msDFSR-Topology
11. schemaIdGuid: 4229c897-c211-437c-a5ae-dbf705b696e5
12. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DFSR-Member,<SchemaNCDN>

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

## Class msDFSR-ReplicationGroup

A replication group container.

1. cn: ms-DFSR-ReplicationGroup
2. ldapDisplayName: msDFSR-ReplicationGroup
3. governsId: 1.2.840.113556.1.6.13.4.5
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-ReplicationGroupType
8. mayContain: msDFSR-Options2, msDFSR-OnDemandExclusionDirectoryFilter,
9. msDFSR-OnDemandExclusionFileFilter,
10. msDFSR-DefaultCompressionExclusionFilter, msDFSR-DeletedSizeInMb,
11. msDFSR-DirectoryFilter, msDFSR-FileFilter, msDFSR-ConflictSizeInMb,
12. msDFSR-StagingSizeInMb, msDFSR-RootSizeInMb, description,
13. msDFSR-TombstoneExpiryInMin, msDFSR-Flags, msDFSR-Options,
14. msDFSR-Extension, msDFSR-Schedule, msDFSR-Version
15. possSuperiors: msDFSR-GlobalSettings
16. schemaIdGuid: 1c332fe0-0c2a-4f32-afca-23c5e45a9e77
17. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
18. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
19. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
20. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
21. defaultHidingValue: TRUE
22. systemOnly: FALSE
23. defaultObjectCategory: CN=ms-DFSR-ReplicationGroup,<SchemaNCDN>

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

## Class msDFSR-Subscriber

Represents local computer membership of a replication group.

1. cn: ms-DFSR-Subscriber
2. ldapDisplayName: msDFSR-Subscriber
3. governsId: 1.2.840.113556.1.6.13.4.2
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-MemberReference, msDFSR-ReplicationGroupGuid
8. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
9. msDFSR-Extension
10. possSuperiors: msDFSR-LocalSettings
11. schemaIdGuid: e11505d7-92c4-43e7-bf5c-295832ffc896
12. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DFSR-Subscriber,<SchemaNCDN>

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

## Class msDFSR-Subscription

Represents local computer participation of a content set.

1. cn: ms-DFSR-Subscription
2. ldapDisplayName: msDFSR-Subscription
3. governsId: 1.2.840.113556.1.6.13.4.3
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-ContentSetGuid, msDFSR-ReplicationGroupGuid
8. mayContain: msDFSR-StagingCleanupTriggerInPercent, msDFSR-Options2,
9. msDFSR-OnDemandExclusionDirectoryFilter,
10. msDFSR-OnDemandExclusionFileFilter, msDFSR-MaxAgeInCacheInMin,
11. msDFSR-MinDurationCacheInMin, msDFSR-CachePolicy, msDFSR-ReadOnly,
12. msDFSR-DeletedSizeInMb, msDFSR-DeletedPath, msDFSR-RootPath,
13. msDFSR-RootSizeInMb, msDFSR-StagingPath, msDFSR-StagingSizeInMb,
14. msDFSR-ConflictPath, msDFSR-ConflictSizeInMb, msDFSR-Enabled,
15. msDFSR-RootFence, msDFSR-DfsLinkTarget, msDFSR-Flags,
16. msDFSR-Options, msDFSR-Extension
17. possSuperiors: msDFSR-Subscriber
18. schemaIdGuid: 67212414-7bcc-4609-87e0-088dad8abdee
19. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
20. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
21. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
22. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
23. defaultHidingValue: TRUE
24. systemOnly: FALSE
25. defaultObjectCategory: CN=ms-DFSR-Subscription,<SchemaNCDN>

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

## Class msDFSR-Topology

A container for objects that form the replication topology.

1. cn: ms-DFSR-Topology
2. ldapDisplayName: msDFSR-Topology
3. governsId: 1.2.840.113556.1.6.13.4.8
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
8. msDFSR-Extension
9. possSuperiors: msDFSR-ReplicationGroup
10. schemaIdGuid: 04828aa9-6e42-4e80-b962-e2fe00754d17
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFSR-Topology,<SchemaNCDN>

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

## Class msDNS-ServerSettings

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

1. cn: ms-DNS-Server-Settings
2. ldapDisplayName: msDNS-ServerSettings
3. governsId: 1.2.840.113556.1.4.2129
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDNS-KeymasterZones
8. systemPossSuperiors: server
9. schemaIdGuid: ef2fc3ed-6e18-415b-99e4-3114a8cb124b
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DNS-Server-Settings,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-App-Configuration

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

1. cn: ms-DS-App-Configuration
2. ldapDisplayName: msDS-App-Configuration
3. governsId: 1.2.840.113556.1.5.220
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. mayContain: owner, msDS-ObjectReference, msDS-Integer, msDS-DateTime,
8. msDS-ByteArray, managedBy, keywords
9. possSuperiors: organizationalUnit, computer, container
10. schemaIdGuid: 90df3c3e-1854-4455-a5d7-cad40d56657a
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-DS-App-Configuration,<SchemaNCDN>

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

## Class msDS-AppData

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

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

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

## Class msDS-AuthNPolicies

A container of this class can contain authentication policy objects.

1. cn: ms-DS-AuthN-Policies
2. ldapDisplayName: msDS-AuthNPolicies
3. governsId: 1.2.840.113556.1.5.293
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 3a9adf5d-7b97-4f7e-abb4-e5b55c1c06b4
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-AuthN-Policies,<SchemaNCDN>
15. showInAdvancedViewOnly: TRUE

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

## Class msDS-AuthNPolicy

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

1. cn: ms-DS-AuthN-Policy
2. ldapDisplayName: msDS-AuthNPolicy
3. governsId: 1.2.840.113556.1.5.294
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-UserAllowedToAuthenticateTo,
8. msDS-UserAllowedToAuthenticateFrom, msDS-UserTGTLifetime,
9. msDS-ComputerAllowedToAuthenticateTo, msDS-ComputerTGTLifetime,
10. msDS-ServiceAllowedToAuthenticateTo, msDS-ServiceAllowedToAuthenticateFrom,
11. msDS-ServiceTGTLifetime, msDS-UserAuthNPolicyBL, msDS-ComputerAuthNPolicyBL,
12. msDS-ServiceAuthNPolicyBL, msDS-AssignedAuthNPolicyBL,
13. msDS-AuthNPolicyEnforced, msDS-UserAllowedNTLMNetworkAuthentication,
14. msDS-ServiceAllowedNTLMNetworkAuthentication, msDS-StrongNTLMPolicy
15. systemPossSuperiors: msDS-AuthNPolicies
16. schemaIdGuid: ab6a1156-4dc7-40f5-9180-8e4ce42fe5cd
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: FALSE
20. systemOnly: FALSE
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
22. defaultObjectCategory: CN=ms-DS-AuthN-Policy,<SchemaNCDN>
23. showInAdvancedViewOnly: TRUE

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

## Class msDS-AuthNPolicySilo

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

1. cn: ms-DS-AuthN-Policy-Silo
2. ldapDisplayName: msDS-AuthNPolicySilo
3. governsId: 1.2.840.113556.1.5.292
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: msDS-AuthNPolicySilos
8. systemMayContain: msDS-AuthNPolicySiloMembers, msDS-UserAuthNPolicy,
9. msDS-ComputerAuthNPolicy, msDS-ServiceAuthNPolicy,
10. msDS-AssignedAuthNPolicySiloBL, msDS-AuthNPolicySiloEnforced
11. schemaIdGuid: f9f0461e-697d-4689-9299-37e61d617b0d
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
17. defaultObjectCategory: CN=ms-DS-AuthN-Policy-Silo,<SchemaNCDN>
18. showInAdvancedViewOnly: TRUE

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

## Class msDS-AuthNPolicySilos

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

1. cn: ms-DS-AuthN-Policy-Silos
2. ldapDisplayName: msDS-AuthNPolicySilos
3. governsId: 1.2.840.113556.1.5.291
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: d2b1470a-8f84-491e-a752-b401ee00fe5c
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-AuthN-Policy-Silos,<SchemaNCDN>
15. showInAdvancedViewOnly: TRUE

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

## Class msDS-AzAdminManager

The root of an authorization policy store instance.

1. cn: ms-DS-Az-Admin-Manager
2. ldapDisplayName: msDS-AzAdminManager
3. governsId: 1.2.840.113556.1.5.234
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-AzMinorVersion, msDS-AzMajorVersion, msDS-AzApplicationData,
9. msDS-AzGenerateAudits, msDS-AzScriptTimeout,
10. msDS-AzScriptEngineCacheMax, msDS-AzDomainTimeout, description
11. systemPossSuperiors: domainDNS, organizationalUnit, container
12. schemaIdGuid: cfee1051-5f28-4bae-a863-5d0cc18a8ed1
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DS-Az-Admin-Manager,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-AzApplication

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

1. cn: ms-DS-Az-Application
2. ldapDisplayName: msDS-AzApplication
3. governsId: 1.2.840.113556.1.5.235
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-AzApplicationData, msDS-AzGenerateAudits,
9. msDS-AzApplicationVersion, msDS-AzClassId, msDS-AzApplicationName,
10. description
11. systemPossSuperiors: msDS-AzAdminManager
12. schemaIdGuid: ddf8de9b-cba5-4e12-842e-28d8b66f75ec
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DS-Az-Application,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-AzOperation

Describes a particular operation that is supported by an application.

1. cn: ms-DS-Az-Operation
2. ldapDisplayName: msDS-AzOperation
3. governsId: 1.2.840.113556.1.5.236
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-AzOperationID
8. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
9. msDS-AzApplicationData, description
10. systemPossSuperiors: container, msDS-AzApplication
11. schemaIdGuid: 860abe37-9a9b-4fa4-b3d2-b8ace5df9ec5
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Az-Operation,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-AzRole

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

1. cn: ms-DS-Az-Role
2. ldapDisplayName: msDS-AzRole
3. governsId: 1.2.840.113556.1.5.239
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-AzApplicationData, msDS-TasksForAzRole,
9. msDS-OperationsForAzRole, msDS-MembersForAzRole, description
10. systemPossSuperiors: container, msDS-AzScope, msDS-AzApplication
11. schemaIdGuid: 8213eac9-9d55-44dc-925c-e9a52b927644
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Az-Role,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-AzScope

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

1. cn: ms-DS-Az-Scope
2. ldapDisplayName: msDS-AzScope
3. governsId: 1.2.840.113556.1.5.237
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-AzScopeName
8. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
9. msDS-AzApplicationData, description
10. systemPossSuperiors: msDS-AzApplication
11. schemaIdGuid: 4feae054-ce55-47bb-860e-5b12063a51de
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Az-Scope,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-AzTask

Describes a set of operations.

1. cn: ms-DS-Az-Task
2. ldapDisplayName: msDS-AzTask
3. governsId: 1.2.840.113556.1.5.238
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-TasksForAzTask, msDS-OperationsForAzTask,
9. msDS-AzApplicationData, msDS-AzTaskIsRoleDefinition,
10. msDS-AzLastImportedBizRulePath, msDS-AzBizRuleLanguage,
11. msDS-AzBizRule, description
12. systemPossSuperiors: container, msDS-AzScope, msDS-AzApplication
13. schemaIdGuid: 1ed3a473-9b1b-418a-bfa0-3a37b95a5306
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-DS-Az-Task,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ClaimsTransformationPolicies

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

1. cn: ms-DS-Claims-Transformation-Policies
2. ldapDisplayName: msDS-ClaimsTransformationPolicies
3. governsId: 1.2.840.113556.1.5.281
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: c8fca9b1-7d88-bb4f-827a-448927710762
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-DS-Claims-Transformation-Policies,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ClaimsTransformationPolicyType

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

1. cn: ms-DS-Claims-Transformation-Policy-Type
2. ldapDisplayName: msDS-ClaimsTransformationPolicyType
3. governsId: 1.2.840.113556.1.5.280
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-TransformationRulesCompiled, msDS-TransformationRules
8. systemPossSuperiors: msDS-ClaimsTransformationPolicies
9. schemaIdGuid: 2eeb62b3-1373-fe45-8101-387f1676edc7
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Claims-Transformation-Policy-Type,
15. <SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ClaimType

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

1. cn: ms-DS-Claim-Type
2. ldapDisplayName: msDS-ClaimType
3. governsId: 1.2.840.113556.1.5.272
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msDS-ClaimTypePropertyBase
7. systemMayContain: msDS-ClaimIsSingleValued, msDS-ClaimIsValueSpaceRestricted,
8. msDS-ClaimValueType, msDS-ClaimSourceType, msDS-ClaimSource,
9. msDS-ClaimTypeAppliesToClass, msDS-ClaimAttributeSource
10. systemPossSuperiors: msDS-ClaimTypes
11. schemaIdGuid: 81a3857c-5469-4d8f-aae6-c27699762604
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-DS-Claim-Type,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ClaimTypePropertyBase

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

1. cn: ms-DS-Claim-Type-Property-Base
2. ldapDisplayName: msDS-ClaimTypePropertyBase
3. governsId: 1.2.840.113556.1.5.269
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-ClaimSharesPossibleValuesWith, Enabled,
8. msDS-ClaimPossibleValues
9. schemaIdGuid: b8442f58-c490-4487-8a9d-d80b883271ad
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Claim-Type-Property-Base,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ClaimTypes

A container of this class can contain claim type objects.

1. cn: ms-DS-Claim-Types
2. ldapDisplayName: msDS-ClaimTypes
3. governsId: 1.2.840.113556.1.5.270
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 36093235-c715-4821-ab6a-b56fb2805a58
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-DS-Claim-Types,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-CloudExtensions

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

1. cn: ms-DS-Cloud-Extensions
2. ldapDisplayName: msDS-CloudExtensions
3. governsId: 1.2.840.113556.1.5.283
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. MayContain: msDS-cloudExtensionAttribute1, msDS-cloudExtensionAttribute2,
8. msDS-cloudExtensionAttribute3, msDS-cloudExtensionAttribute4,
9. msDS-cloudExtensionAttribute5, msDS-cloudExtensionAttribute6,
10. msDS-cloudExtensionAttribute7, msDS-cloudExtensionAttribute8,
11. msDS-cloudExtensionAttribute9, msDS-cloudExtensionAttribute10,
12. msDS-cloudExtensionAttribute11, msDS-cloudExtensionAttribute12,
13. msDS-cloudExtensionAttribute13, msDS-cloudExtensionAttribute14,
14. msDS-cloudExtensionAttribute15, msDS-cloudExtensionAttribute16,
15. msDS-cloudExtensionAttribute17, msDS-cloudExtensionAttribute18,
16. msDS-cloudExtensionAttribute19, msDS-cloudExtensionAttribute20
17. schemaIdGuid: 641e87a4-8326-4771-ba2d-c706df35e35a
18. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
19. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
20. defaultHidingValue: TRUE
21. systemOnly: FALSE
22. defaultObjectCategory: CN=ms-DS-Cloud-Extensions,<SchemaNCDN>
23. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-Device

This class represents a registered device.

1. cn: ms-DS-Device
2. ldapDisplayName: msDS-Device
3. governsId: 1.2.840.113556.1.5.286
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMustContain: altSecurityIdentities, displayName, msDS-DeviceID,
8. msDS-IsEnabled
9. systemMayContain: msDS-ApproximateLastLogonTimeStamp, msDS-CloudAnchor,
10. msDS-CloudIsManaged, msDS-DeviceObjectVersion, msDS-DeviceOSType,
11. msDS-DeviceOSVersion, msDS-DevicePhysicalIDs, msDS-IsManaged,
12. msDS-RegisteredOwner, msDS-RegisteredUsers, msDS-DeviceMDMStatus,
13. msDS-IsCompliant, msDS-DeviceTrustType, msDS-ComputerSID, msDS-KeyCredentialLink
14. systemPossSuperiors: msDS-DeviceContainer
15. schemaIdGuid: 5df2b673-6d41-4774-b3e8-d52e8ee9ff99
16. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
21. defaultObjectCategory: CN=ms-DS-Device,<SchemaNCDN>
22. showInAdvancedViewOnly: TRUE

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

## Class msDS-DeviceContainer

The container used to hold device objects.

1. cn: ms-DS-Device-Container
2. ldapDisplayName: msDS-DeviceContainer
3. governsId: 1.2.840.113556.1.5.289
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: domainDNS
8. schemaIdGuid: 7c9e8c58-901b-4ea8-b6ec-4eb9e9fc0e11
9. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-Device-Container,<SchemaNCDN>
15. showInAdvancedViewOnly: TRUE

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

## Class msDS-DeviceRegistrationService

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

1. cn: ms-DS-Device-Registration-Service
2. ldapDisplayName: msDS-DeviceRegistrationService
3. governsId: 1.2.840.113556.1.5.284
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMustContain: msDS-DeviceLocation, msDS-IsEnabled
8. systemMayContain: msDS-CloudIsEnabled, msDS-CloudIssuerPublicCertificates,
9. msDS-IssuerCertificates, msDS-IssuerPublicCertificates,
10. msDS-MaximumRegistrationInactivityPeriod, msDS-RegistrationQuota
11. systemPossSuperiors: msDS-DeviceRegistrationServiceContainer
12. schemaIdGuid: 96bc3a1a-e3d2-49d3-af11-7b0df79d67f5
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
18. defaultObjectCategory: CN=ms-DS-Device-Registration-Service,<SchemaNCDN>
19. showInAdvancedViewOnly: TRUE

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

## Class msDS-DeviceRegistrationServiceContainer

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

1. cn: ms-DS-Device-Registration-Service-Container
2. ldapDisplayName: msDS-DeviceRegistrationServiceContainer
3. governsId: 1.2.840.113556.1.5.287
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 310b55ce-3dcd-4392-a96d-c9e35397c24f
9. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-Device-Registration-Service-Container,
15. <SchemaNCDN>
16. showInAdvancedViewOnly: TRUE

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

## 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.

1. cn: ms-DS-Group-Managed-Service-Account
2. ldapDisplayName: msDS-GroupManagedServiceAccount
3. governsId: 1.2.840.113556.1.5.282
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: computer
7. systemMustContain: msDS-ManagedPasswordInterval
8. systemMayContain: msDS-GroupMSAMembership, msDS-ManagedPasswordPreviousId,
9. msDS-ManagedPasswordId, msDS-ManagedPassword
10. systemPossSuperiors: computer, container, organizationalUnit, domainDNS
11. schemaIdGuid: 7b8b558a-93a5-4af7-adca-c017e67f1057
12. defaultSecurityDescriptor: D:
13. (OD;;CR;00299570-246d-11d0-a768-00aa006e0529;;WD)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
16. (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)
17. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
18. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
19. (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;bf967a86-0de6-11d0-a285-
20. 00aa003049e2;CO)(OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;bf967a86-
21. 0de6-11d0-a285-00aa003049e2;CO)(OA;;WP;bf967950-0de6-11d0-a285-
22. 00aa003049e2;bf967a86-0de6-11d0-a285-00aa003049e2;CO)(OA;;WP;bf967953-
23. 0de6-11d0-a285-00aa003049e2;bf967a86-0de6-11d0-a285-00aa003049e2;CO)
24. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
25. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
26. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)(A;;RPLCLORC;;;AU)
27. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
28. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
29. (OA;;RP;e362ed86-b728-0842-b27d-2dea7a9df218;;WD)
30. defaultHidingValue: FALSE
31. systemOnly: FALSE
32. defaultObjectCategory: CN=ms-DS-Group-Managed-Service-Account,<SchemaNCDN>
33. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-KeyCredential

An instance of this class contains key material.

1. cn: ms-DS-Key-Credential
2. ldapDisplayName: msDS-KeyCredential
3. governsId: 1.2.840.113556.1.5.297
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-KeyId
8. systemMayContain: msDS-KeyMaterial, msDS-KeyUsage, msDS-KeyPrincipal, msDS-DeviceDN,
9. msDS-ComputerSID, msDS-CustomKeyInformation, msDS-KeyApproximateLastLogonTimeStamp,
10. msDS-DeviceID
11. systemPossSuperiors: Container
12. schemaIdGuid: ee1f5543-7c2e-476a-8b3f-e11f4af6c498
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
15. defaultHidingValue: FALSE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Key-Credential,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
19. showInAdvancedViewOnly: TRUE

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

## Class msDS-ManagedServiceAccount

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

1. cn: ms-DS-Managed-Service-Account
2. ldapDisplayName: msDS-ManagedServiceAccount
3. governsId: 1.2.840.113556.1.5.264
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: computer
7. systemPossSuperiors: domainDNS, organizationalUnit, container
8. schemaIdGuid: ce206244-5827-4a86-ba1c-1c0c386c1b64
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
12. (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)
13. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
14. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
15. (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;
16. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
17. (OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
18. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
19. (OA;;WP;bf967950-0de6-11d0-a285-00aa003049e2;
20. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
21. (OA;;WP;bf967953-0de6-11d0-a285-00aa003049e2;
22. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
23. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
24. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
25. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)(A;;RPLCLORC;;;AU)
26. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
27. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
28. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
29. (OA;;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;;ED)
30. defaultHidingValue: FALSE
31. systemOnly: FALSE
32. defaultObjectCategory: CN=ms-DS-Managed-Service-Account,<SchemaNCDN>
33. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-OptionalFeature

The configuration object for an optional feature.

1. cn: ms-DS-Optional-Feature
2. ldapDisplayName: msDS-OptionalFeature
3. governsId: 1.2.840.113556.1.5.265
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-OptionalFeatureFlags,
8. msDS-OptionalFeatureGUID
9. systemMayContain: msDS-RequiredDomainBehaviorVersion,
10. msDS-RequiredForestBehaviorVersion
11. systemPossSuperiors: container
12. schemaIdGuid: 44f00041-35af-468b-b20a-6ce8737c580b
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: TRUE
19. defaultObjectCategory: CN=ms-DS-Optional-Feature,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-PasswordSettings

The password settings object for accounts.

1. cn: ms-DS-Password-Settings
2. ldapDisplayName: msDS-PasswordSettings
3. governsId: 1.2.840.113556.1.5.255
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-MaximumPasswordAge, msDS-MinimumPasswordAge,
8. msDS-MinimumPasswordLength, msDS-PasswordComplexityEnabled,
9. msDS-LockoutObservationWindow, msDS-LockoutDuration,
10. msDS-LockoutThreshold, msDS-PasswordReversibleEncryptionEnabled,
11. msDS-PasswordSettingsPrecedence, msDS-PasswordHistoryLength
12. systemMayContain: msDS-PSOAppliesTo
13. systemPossSuperiors: msDS-PasswordSettingsContainer
14. schemaIdGuid: 3bcd9db8-f84b-451c-952f-6c52b81f9ec6
15. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DS-Password-Settings,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-PasswordSettingsContainer

A container for password settings objects.

1. cn: ms-DS-Password-Settings-Container
2. ldapDisplayName: msDS-PasswordSettingsContainer
3. governsId: 1.2.840.113556.1.5.256
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 5b06b06a-4cf3-44c0-bd16-43bc10a987da
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. systemOnly: FALSE
12. defaultObjectCategory: CN=ms-DS-Password-Settings-Container,
13. <SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-QuotaContainer

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

1. cn: ms-DS-Quota-Container
2. ldapDisplayName: msDS-QuotaContainer
3. governsId: 1.2.840.113556.1.5.242
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: msDS-TopQuotaUsage, msDS-QuotaUsed,
9. msDS-QuotaEffective, msDS-TombstoneQuotaFactor, msDS-DefaultQuota
10. systemPossSuperiors: configuration, domainDNS
11. schemaIdGuid: da83fc4f-076f-4aea-b4dc-8f4dab9b5993
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPLCLORC;;;BA)(OA;;CR;4ecc03fe-ffc0-4947-b630-eb672a8a9dbc;;WD)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-DS-Quota-Container,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-QuotaControl

Represents quota specifications for the directory database.

1. cn: ms-DS-Quota-Control
2. ldapDisplayName: msDS-QuotaControl
3. governsId: 1.2.840.113556.1.5.243
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-QuotaAmount, msDS-QuotaTrustee, cn
8. systemPossSuperiors: msDS-QuotaContainer
9. schemaIdGuid: de91fc26-bd02-4b52-ae26-795999e96fc7
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPLCLORC;;;BA)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Quota-Control,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ResourceProperties

A container of this class can contain resource properties.

1. cn: ms-DS-Resource-Properties
2. ldapDisplayName: msDS-ResourceProperties
3. governsId: 1.2.840.113556.1.5.271
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 7a4a4584-b350-478f-acd6-b4b852d82cc0
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-DS-Resource-Properties,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ResourceProperty

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

1. cn: ms-DS-Resource-Property
2. ldapDisplayName: msDS-ResourceProperty
3. governsId: 1.2.840.113556.1.5.273
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msDS-ClaimTypePropertyBase
7. systemMustContain: msDS-ValueTypeReference
8. systemMayContain: msDS-AppliesToResourceTypes,
9. msDS-IsUsedAsResourceSecurityAttribute
10. systemPossSuperiors: msDS-ResourceProperties
11. schemaIdGuid: 5b283d5e-8404-4195-9339-8450188c501a
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-DS-Resource-Property,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msDS-ResourcePropertyList

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

1. cn: ms-DS-Resource-Property-List
2. ldapDisplayName: msDS-ResourcePropertyList
3. governsId: 1.2.840.113556.1.5.274
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-MembersOfResourcePropertyList
8. systemPossSuperiors: container
9. schemaIdGuid: 72e3d47a-b342-4d45-8f56-baff803cabf9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Resource-Property-List,<SchemaNCDN>
15. 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.

## Class msDS-ShadowPrincipal

This class represents a principal from an external forest.

1. cn: ms-DS-Shadow-Principal
2. ldapDisplayName: msDS-ShadowPrincipal
3. governsId: 1.2.840.113556.1.5.299
4. objectClassCategory: 1
5. rdnAttId: cn
6. schemaIdGuid: 770f4cb3-1643-469c-b766-edd77aa75e14
7. defaultHidingValue: FALSE
8. showInAdvancedViewOnly: TRUE
9. systemOnly: FALSE
10. defaultObjectCategory: CN=ms-DS-Shadow-Principal,<SchemaNCDN>
11. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
12. subClassOf: top
13. systemPossSuperiors: msDS-ShadowPrincipalContainer
14. systemMayContain: member
15. systemMustContain: msDS-ShadowPrincipalSid

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

## Class msDS-ShadowPrincipalContainer

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

1. cn: ms-DS-Shadow-Principal-Container
2. ldapDisplayName: msDS-ShadowPrincipalContainer
3. governsId: 1.2.840.113556.1.5.298
4. objectClassCategory: 1
5. rdnAttId: cn
6. schemaIdGuid: 11f95545-d712-4c50-b847-d2781537c633
7. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
8. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
9. defaultHidingValue: FALSE
10. showInAdvancedViewOnly: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=ms-DS-Shadow-Principal-Container,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. subClassOf: container

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

## Class msDS-ValueType

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

1. cn: ms-DS-Value-Type
2. ldapDisplayName: msDS-ValueType
3. governsId: 1.2.840.113556.1.5.279
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-IsPossibleValuesPresent, msDS-ClaimIsSingleValued,
8. msDS-ClaimIsValueSpaceRestricted, msDS-ClaimValueType
9. systemPossSuperiors: container
10. schemaIdGuid: e3c27fdf-b01d-4f4e-87e7-056eef0eb922
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-DS-Value-Type,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msExchConfigurationContainer

Stores configuration information for a Microsoft Exchange Server.

1. cn: ms-Exch-Configuration-Container
2. ldapDisplayName: msExchConfigurationContainer
3. governsId: 1.2.840.113556.1.5.176
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemMayContain: templateRoots, addressBookRoots, globalAddressList,
8. templateRoots2, addressBookRoots2, globalAddressList2
9. schemaIdGuid: d03d6858-06f4-11d2-aa53-00c04fd7d83a
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-Exch-Configuration-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msFVE-RecoveryInformation

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

1. cn: ms-FVE-RecoveryInformation
2. ldapDisplayName: msFVE-RecoveryInformation
3. governsId: 1.2.840.113556.1.5.253
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msFVE-RecoveryPassword, msFVE-RecoveryGuid
8. mayContain: msFVE-KeyPackage, msFVE-VolumeGuid
9. systemPossSuperiors: computer
10. schemaIdGuid: ea715d30-8f53-40d0-bd1e-6109186d782c
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-FVE-RecoveryInformation,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msieee80211-Policy

Stores a Wireless Network Policy object.

1. cn: ms-ieee-80211-Policy
2. ldapDisplayName: msieee80211-Policy
3. governsId: 1.2.840.113556.1.5.240
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msieee80211-ID, msieee80211-DataType,
8. msieee80211-Data
9. systemPossSuperiors: organizationalUnit, container, computer
10. schemaIdGuid: 7b9a2d92-b7eb-4382-9772-c3e0f9baaf94
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-ieee-80211-Policy,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msImaging-PostScanProcess

The container for all Business Scan Post Scan Process objects.

1. cn: ms-Imaging-PostScanProcess
2. ldapDisplayName: msImaging-PostScanProcess
3. governsId: 1.2.840.113556.1.5.263
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msImaging-PSPString, serverName
8. systemMustContain: displayName, msImaging-PSPIdentifier
9. systemPossSuperiors: msImaging-PSPs
10. schemaIdGuid: 1f7c257c-b8a3-4525-82f8-11ccc7bee36e
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-Imaging-PostScanProcess,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msImaging-PSPs

The container for all Business Scan Post Scan Process objects.

1. cn: ms-Imaging-PSPs
2. ldapDisplayName: msImaging-PSPs
3. governsId: 1.2.840.113556.1.5.262
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemPossSuperiors: container
8. schemaIdGuid: a0ed2ac1-970c-4777-848e-ec63a0ec44fc
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: FALSE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-Imaging-PSPs,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msKds-ProvRootKey

Root keys for the Group Key Distribution Service.

1. cn: ms-Kds-Prov-RootKey
2. ldapDisplayName: msKds-ProvRootKey
3. governsId: 1.2.840.113556.1.5.278
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msKds-CreateTime, msKds-RootKeyData,
8. msKds-PrivateKeyLength, msKds-PublicKeyLength,
9. msKds-SecretAgreementAlgorithmID, msKds-KDFAlgorithmID,
10. msKds-UseStartTime, msKds-DomainID, msKds-Version, cn
11. systemMayContain: msKds-SecretAgreementParam, msKds-KDFParam
12. systemPossSuperiors: container
13. schemaIdGuid: aa02fd41-17e0-4f18-8687-b2239649736b
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-Kds-Prov-RootKey,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msKds-ProvServerConfiguration

Configuration for the Group Key Distribution Service.

1. cn: ms-Kds-Prov-ServerConfiguration
2. ldapDisplayName: msKds-ProvServerConfiguration
3. governsId: 1.2.840.113556.1.5.277
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msKds-Version
8. systemMayContain: msKds-PrivateKeyLength, msKds-PublicKeyLength,
9. msKds-SecretAgreementParam, msKds-SecretAgreementAlgorithmID,
10. msKds-KDFParam, msKds-KDFAlgorithmID
11. systemPossSuperiors: container
12. schemaIdGuid: 5ef243a8-2a25-45a6-8b73-08a71ae677ce
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-Kds-Prov-ServerConfiguration,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: MSMQ-Custom-Recipient
2. ldapDisplayName: msMQ-Custom-Recipient
3. governsId: 1.2.840.113556.1.5.218
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msMQ-Recipient-FormatName
8. systemPossSuperiors: organizationalUnit, domainDNS, container
9. schemaIdGuid: 876d6817-35cc-436c-acea-5ef7174dd9be
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=MSMQ-Custom-Recipient,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msMQ-Group

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

1. cn: MSMQ-Group
2. ldapDisplayName: msMQ-Group
3. governsId: 1.2.840.113556.1.5.219
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: member
8. systemPossSuperiors: organizationalUnit
9. schemaIdGuid: 46b27aac-aafa-4ffb-b773-e5bf621ee87b
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=MSMQ-Group,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: MSMQ-Configuration
2. ldapDisplayName: mSMQConfiguration
3. governsId: 1.2.840.113556.1.5.162
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQSites, mSMQSignKey, mSMQServiceType,
8. mSMQRoutingServices, mSMQQuota, mSMQOwnerID, mSMQOutRoutingServers,
9. mSMQOSType, mSMQJournalQuota, mSMQInRoutingServers, mSMQForeign,
10. mSMQEncryptKey, mSMQDsServices, mSMQDependentClientServices,
11. mSMQComputerTypeEx, mSMQComputerType
12. systemPossSuperiors: computer
13. schemaIdGuid: 9a0dc344-c100-11d1-bbc5-0080c76670c0
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=MSMQ-Configuration,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: MSMQ-Enterprise-Settings
2. ldapDisplayName: mSMQEnterpriseSettings
3. governsId: 1.2.840.113556.1.5.163
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQVersion, mSMQNameStyle, mSMQLongLived,
8. mSMQInterval2, mSMQInterval1, mSMQCSPName
9. systemPossSuperiors: container
10. schemaIdGuid: 9a0dc345-c100-11d1-bbc5-0080c76670c0
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=MSMQ-Enterprise-Settings,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: MSMQ-Migrated-User
2. ldapDisplayName: mSMQMigratedUser
3. governsId: 1.2.840.113556.1.5.179
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQUserSid, mSMQSignCertificatesMig,
8. mSMQSignCertificates, mSMQDigestsMig, mSMQDigests, objectSid
9. systemPossSuperiors: organizationalUnit, domainDNS, builtinDomain
10. schemaIdGuid: 50776997-3c3d-11d2-90cc-00c04fd91ab1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=MSMQ-Migrated-User,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: MSMQ-Queue
2. ldapDisplayName: mSMQQueue
3. governsId: 1.2.840.113556.1.5.161
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQTransactional, MSMQ-SecuredSource,
8. mSMQQueueType, mSMQQueueQuota, mSMQQueueNameExt,
9. mSMQQueueJournalQuota, mSMQPrivacyLevel, mSMQOwnerID,
10. MSMQ-MulticastAddress, mSMQLabelEx, mSMQLabel, mSMQJournal,
11. mSMQBasePriority, mSMQAuthenticate
12. systemPossSuperiors: mSMQConfiguration
13. schemaIdGuid: 9a0dc343-c100-11d1-bbc5-0080c76670c0
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: FALSE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=MSMQ-Queue,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: MSMQ-Settings
2. ldapDisplayName: mSMQSettings
3. governsId: 1.2.840.113556.1.5.165
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQSiteNameEx, mSMQSiteName, mSMQServices,
8. mSMQRoutingService, mSMQQMID, mSMQOwnerID, mSMQNt4Flags,
9. mSMQMigrated, mSMQDsService, mSMQDependentClientService
10. systemPossSuperiors: server
11. schemaIdGuid: 9a0dc347-c100-11d1-bbc5-0080c76670c0
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=MSMQ-Settings,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: MSMQ-Site-Link
2. ldapDisplayName: mSMQSiteLink
3. governsId: 1.2.840.113556.1.5.164
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: mSMQSite2, mSMQSite1, mSMQCost
8. systemMayContain: mSMQSiteGatesMig, mSMQSiteGates
9. systemPossSuperiors: mSMQEnterpriseSettings
10. schemaIdGuid: 9a0dc346-c100-11d1-bbc5-0080c76670c0
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=MSMQ-Site-Link,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-PKI-Enterprise-Oid
2. ldapDisplayName: msPKI-Enterprise-Oid
3. governsId: 1.2.840.113556.1.5.196
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-OIDToGroupLink, msPKI-OID-User-Notice,
8. msPKI-OIDLocalizedName, msPKI-OID-CPS, msPKI-OID-Attribute,
9. msPKI-Cert-Template-OID
10. systemPossSuperiors: msPKI-Enterprise-Oid, container
11. schemaIdGuid: 37cfd85c-6719-4ad8-8f9e-8678ba627563
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-PKI-Enterprise-Oid,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-PKI-Key-Recovery-Agent
2. ldapDisplayName: msPKI-Key-Recovery-Agent
3. governsId: 1.2.840.113556.1.5.195
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: user
7. systemPossSuperiors: container
8. schemaIdGuid: 26ccf238-a08e-4b86-9a82-a8c9ac7ee5cb
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-PKI-Key-Recovery-Agent,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msPKI-PrivateKeyRecoveryAgent

Publishes the KRA certificate in the KRA container.

1. cn: ms-PKI-Private-Key-Recovery-Agent
2. ldapDisplayName: msPKI-PrivateKeyRecoveryAgent
3. governsId: 1.2.840.113556.1.5.223
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: userCertificate
8. systemPossSuperiors: container
9. schemaIdGuid: 1562a632-44b9-4a7e-a2d3-e426c96a3acc
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-PKI-Private-Key-Recovery-Agent,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msPrint-ConnectionPolicy

Contains the printer connection policy.

1. cn: ms-Print-ConnectionPolicy
2. ldapDisplayName: msPrint-ConnectionPolicy
3. governsId: 1.2.840.113556.1.6.23.2
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn
8. mayContain: printerName, printAttributes, serverName, uNCName
9. possSuperiors: container
10. schemaIdGuid: a16f33c7-7fd6-4828-9364-435138fda08d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-Print-ConnectionPolicy,<SchemaNCDN>

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

## Class msSFU30DomainInfo

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

1. cn: msSFU-30-Domain-Info
2. ldapDisplayName: msSFU30DomainInfo
3. governsId: 1.2.840.113556.1.6.18.2.215
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30Domains, msSFU30YpServers, msSFU30SearchContainer,
8. msSFU30IsValidContainer, msSFU30MasterServerName,
9. msSFU30OrderNumber, msSFU30MaxGidNumber, msSFU30MaxUidNumber,
10. msSFU30CryptMethod
11. possSuperiors: container
12. schemaIdGuid: 36297dce-656b-4423-ab65-dabb2770819e
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=msSFU-30-Domain-Info,<SchemaNCDN>

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

## Class msSFU30MailAliases

Represents email file data for Windows Services for UNIX.

1. cn: msSFU-30-Mail-Aliases
2. ldapDisplayName: msSFU30MailAliases
3. governsId: 1.2.840.113556.1.6.18.2.211
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30Name, msSFU30NisDomain, msSFU30Aliases, nisMapName
8. possSuperiors: domainDNS, nisMap, container
9. schemaIdGuid: d6710785-86ff-44b7-85b5-f1f8689522ce
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=msSFU-30-Mail-Aliases,<SchemaNCDN>

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

## Class msSFU30NetId

Stores the network ID.

1. cn: msSFU-30-Net-Id
2. ldapDisplayName: msSFU30NetId
3. governsId: 1.2.840.113556.1.6.18.2.212
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30KeyValues, msSFU30Name, msSFU30NisDomain,
8. nisMapName
9. possSuperiors: domainDNS, nisMap, container
10. schemaIdGuid: e263192c-2a02-48df-9792-94f2328781a0
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=msSFU-30-Net-Id,<SchemaNCDN>

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

## Class msSFU30NetworkUser

Represents network file data.

1. cn: msSFU-30-Network-User
2. ldapDisplayName: msSFU30NetworkUser
3. governsId: 1.2.840.113556.1.6.18.2.216
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30KeyValues, msSFU30Name, msSFU30NisDomain,
8. nisMapName
9. possSuperiors: domainDNS, nisMap, container
10. schemaIdGuid: e15334a3-0bf0-4427-b672-11f5d84acc92
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=msSFU-30-Network-User,<SchemaNCDN>

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

## Class msSFU30NISMapConfig

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

1. cn: msSFU-30-NIS-Map-Config
2. ldapDisplayName: msSFU30NISMapConfig
3. governsId: 1.2.840.113556.1.6.18.2.217
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30KeyAttributes, msSFU30FieldSeparator,
8. msSFU30NSMAPFieldPosition, msSFU30IntraFieldSeparator,
9. msSFU30SearchAttributes, msSFU30ResultAttributes, msSFU30MapFilter
10. possSuperiors: container
11. schemaIdGuid: faf733d0-f8eb-4dcf-8d75-f1753af6a50b
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=msSFU-30-NIS-Map-Config,<SchemaNCDN>

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

## Class msSPP-ActivationObject

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

1. cn: ms-SPP-Activation-Object
2. ldapDisplayName: msSPP-ActivationObject
3. governsId: 1.2.840.113556.1.5.267
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msSPP-KMSIds, msSPP-CSVLKSkuId,
8. msSPP-CSVLKPartialProductKey, msSPP-CSVLKPid
9. systemMayContain: msSPP-IssuanceLicense, msSPP-ConfigLicense,
10. msSPP-PhoneLicense, msSPP-OnlineLicense, msSPP-ConfirmationId,
11. msSPP-InstallationId
12. systemPossSuperiors: msSPP-ActivationObjectsContainer
13. schemaIdGuid: 51a0e68c-0dc5-43ca-935d-c1c911bf2ee5
14. defaultSecurityDescriptor: O:BAG:BAD: (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-SPP-Activation-Object,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msSPP-ActivationObjectsContainer

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

1. cn: ms-SPP-Activation-Objects-Container
2. ldapDisplayName: msSPP-ActivationObjectsContainer
3. governsId: 1.2.840.113556.1.5.266
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: b72f862b-bb25-4d5d-aa51-62c59bdf90ae
9. defaultSecurityDescriptor: O:BAG:BAD: (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-SPP-Activation-Objects-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msTAPI-RtConference

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

1. cn: ms-TAPI-Rt-Conference
2. ldapDisplayName: msTAPI-RtConference
3. governsId: 1.2.840.113556.1.5.221
4. objectClassCategory: 1
5. rdnAttId: msTAPI-uid
6. subClassOf: top
7. systemMustContain: msTAPI-uid
8. systemMayContain: msTAPI-ConferenceBlob, msTAPI-ProtocolId
9. systemPossSuperiors: organizationalUnit
10. schemaIdGuid: ca7b9735-4b2a-4e49-89c3-99025334dc94
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-TAPI-Rt-Conference,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-TAPI-Rt-Person
2. ldapDisplayName: msTAPI-RtPerson
3. governsId: 1.2.840.113556.1.5.222
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msTAPI-uid, msTAPI-IpAddress
8. systemPossSuperiors: organization, organizationalUnit
9. schemaIdGuid: 53ea1cb5-b704-4df9-818f-5cb4ec86cac1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-TAPI-Rt-Person,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msTPM-InformationObject

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

1. cn: ms-TPM-Information-Object
2. ldapDisplayName: msTPM-InformationObject
3. governsId: 1.2.840.113556.1.5.275
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msTPM-OwnerInformation
8. systemMayContain: msTPM-OwnerInformationTemp, msTPM-SrkPubThumbprint
9. systemPossSuperiors: msTPM-InformationObjectsContainer
10. schemaIdGuid: 85045b6a-47a6-4243-a7cc-6890701f662c
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLO;;;DC)(A;;WP;;;CO)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-TPM-Information-Object,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msTPM-InformationObjectsContainer

A container for Trusted Platform Module (TPM) objects.

1. cn: ms-TPM-Information-Objects-Container
2. ldapDisplayName: msTPM-InformationObjectsContainer
3. governsId: 1.2.840.113556.1.5.276
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemPossSuperiors: domainDNS, domain
9. schemaIdGuid: e027a8bd-6456-45de-90a3-38593877ee74
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;LOLCCCRP;;;DC)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-TPM-Information-Objects-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-IntRangeParam

An object for a signed integer range parameter.

1. cn: ms-WMI-IntRangeParam
2. ldapDisplayName: msWMI-IntRangeParam
3. governsId: 1.2.840.113556.1.5.205
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntMax, msWMI-IntMin
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 50ca5d7d-5c8b-4ef3-b9df-5b66d491e526
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-IntRangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-IntSetParam

An object for a signed integer set parameter.

1. cn: ms-WMI-IntSetParam
2. ldapDisplayName: msWMI-IntSetParam
3. governsId: 1.2.840.113556.1.5.206
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntValidValues
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 292f0d9a-cf76-42b0-841f-b650f331df62
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-IntSetParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-MergeablePolicyTemplate

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

1. cn: ms-WMI-MergeablePolicyTemplate
2. ldapDisplayName: msWMI-MergeablePolicyTemplate
3. governsId: 1.2.840.113556.1.5.202
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-PolicyTemplate
7. systemPossSuperiors: container
8. schemaIdGuid: 07502414-fdca-4851-b04a-13645b11d226
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-WMI-MergeablePolicyTemplate,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-ObjectEncoding

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

1. cn: ms-WMI-ObjectEncoding
2. ldapDisplayName: msWMI-ObjectEncoding
3. governsId: 1.2.840.113556.1.5.217
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-Class, msWMI-ScopeGuid, msWMI-Parm1,
8. msWMI-Parm2, msWMI-Parm3, msWMI-Parm4, msWMI-Genus, msWMI-intFlags1,
9. msWMI-intFlags2, msWMI-intFlags3, msWMI-intFlags4, msWMI-ID,
10. msWMI-TargetObject
11. systemPossSuperiors: container
12. schemaIdGuid: 55dd81c9-c312-41f9-a84d-c6adbdf1e8e1
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-WMI-ObjectEncoding,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-PolicyTemplate

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

1. cn: ms-WMI-PolicyTemplate
2. ldapDisplayName: msWMI-PolicyTemplate
3. governsId: 1.2.840.113556.1.5.200
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-NormalizedClass, msWMI-TargetPath,
8. msWMI-TargetClass, msWMI-TargetNameSpace, msWMI-Name, msWMI-ID
9. systemMayContain: msWMI-TargetType, msWMI-SourceOrganization,
10. msWMI-Parm4, msWMI-Parm3, msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4,
11. msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1,
12. msWMI-CreationDate, msWMI-ChangeDate, msWMI-Author
13. systemPossSuperiors: container
14. schemaIdGuid: e2bc80f1-244a-4d59-acc6-ca5c4f82e6e1
15. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
16. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=ms-WMI-PolicyTemplate,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-PolicyType

Communicates schema for WMI policy objects.

1. cn: ms-WMI-PolicyType
2. ldapDisplayName: msWMI-PolicyType
3. governsId: 1.2.840.113556.1.5.211
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetObject, msWMI-ID
8. systemMayContain: msWMI-SourceOrganization, msWMI-Parm4,
9. msWMI-Parm3, msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4,
10. msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1,
11. msWMI-CreationDate, msWMI-ChangeDate, msWMI-Author
12. systemPossSuperiors: container
13. schemaIdGuid: 595b2613-4109-4e77-9013-a3bb4ef277c7
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-WMI-PolicyType,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-RangeParam

The range parameter class that is the basis of the [msWMI-PolicyTemplate](#Section_5d4206d3f5404f5d85566388c8402a5c) 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.

1. cn: ms-WMI-RangeParam
2. ldapDisplayName: msWMI-RangeParam
3. governsId: 1.2.840.113556.1.5.203
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetType, msWMI-TargetClass,
8. msWMI-PropertyName
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 45fb5a57-5018-4d0f-9056-997c8c9122d9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-RangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-RealRangeParam

An object for a real number range parameter.

1. cn: ms-WMI-RealRangeParam
2. ldapDisplayName: msWMI-RealRangeParam
3. governsId: 1.2.840.113556.1.5.209
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-Int8Default
8. systemMayContain: msWMI-Int8Max, msWMI-Int8Min
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 6afe8fe2-70bc-4cce-b166-a96f7359c514
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-RealRangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-Rule

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

1. cn: ms-WMI-Rule
2. ldapDisplayName: msWMI-Rule
3. governsId: 1.2.840.113556.1.5.214
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-QueryLanguage, msWMI-TargetNameSpace,
8. msWMI-Query
9. systemPossSuperiors: msWMI-Som, container
10. schemaIdGuid: 3c7e6f83-dd0e-481b-a0c2-74cd96ef2a66
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-Rule,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-ShadowObject

Holds a WMI-compiled object instance.

1. cn: ms-WMI-ShadowObject
2. ldapDisplayName: msWMI-ShadowObject
3. governsId: 1.2.840.113556.1.5.212
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetObject
8. systemPossSuperiors: msWMI-PolicyType
9. schemaIdGuid: f1e44bdf-8dd3-4235-9c86-f91f31f5b569
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-WMI-ShadowObject,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-WMI-SimplePolicyTemplate
2. ldapDisplayName: msWMI-SimplePolicyTemplate
3. governsId: 1.2.840.113556.1.5.201
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-PolicyTemplate
7. systemMustContain: msWMI-TargetObject
8. systemPossSuperiors: container
9. schemaIdGuid: 6cc8b2b5-12df-44f6-8307-e74f5cdee369
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-WMI-SimplePolicyTemplate,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-WMI-Som
2. ldapDisplayName: msWMI-Som
3. governsId: 1.2.840.113556.1.5.213
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-Name, msWMI-ID
8. systemMayContain: msWMI-SourceOrganization, msWMI-Parm4, msWMI-Parm3,
9. msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4, msWMI-intFlags3,
10. msWMI-intFlags2, msWMI-intFlags1, msWMI-CreationDate,
11. msWMI-ChangeDate, msWMI-Author
12. systemPossSuperiors: container
13. schemaIdGuid: ab857078-0142-4406-945b-34c9b6b13372
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-WMI-Som,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-StringSetParam

An object for a string set parameter.

1. cn: ms-WMI-StringSetParam
2. ldapDisplayName: msWMI-StringSetParam
3. governsId: 1.2.840.113556.1.5.210
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-StringDefault
8. systemMayContain: msWMI-StringValidValues
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 0bc579a2-1da7-4cea-b699-807f3b9d63a4
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-StringSetParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-UintRangeParam

An object for an unsigned integer range parameter.

1. cn: ms-WMI-UintRangeParam
2. ldapDisplayName: msWMI-UintRangeParam
3. governsId: 1.2.840.113556.1.5.207
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntMax, msWMI-IntMin
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: d9a799b2-cef3-48b3-b5ad-fb85f8dd3214
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-UintRangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-UintSetParam

An object for an unsigned integer set parameter.

1. cn: ms-WMI-UintSetParam
2. ldapDisplayName: msWMI-UintSetParam
3. governsId: 1.2.840.113556.1.5.208
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntValidValues
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 8f4beb31-4e19-46f5-932e-5fa03c339b1d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-UintSetParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class msWMI-UnknownRangeParam

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

1. cn: ms-WMI-UnknownRangeParam
2. ldapDisplayName: msWMI-UnknownRangeParam
3. governsId: 1.2.840.113556.1.5.204
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-TargetObject, msWMI-NormalizedClass
8. systemPossSuperiors: msWMI-MergeablePolicyTemplate
9. schemaIdGuid: b82ac26b-c6db-4098-92c6-49c18a3336e1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-WMI-UnknownRangeParam,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: ms-WMI-WMIGPO
2. ldapDisplayName: msWMI-WMIGPO
3. governsId: 1.2.840.113556.1.5.215
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetClass
8. systemMayContain: msWMI-Parm4, msWMI-Parm3, msWMI-Parm2, msWMI-Parm1,
9. msWMI-intFlags4, msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1
10. systemPossSuperiors: container
11. schemaIdGuid: 05630000-3927-4ede-bf27-ca91f275c26f
12. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-WMI-WMIGPO,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nisMap

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

1. cn: NisMap
2. ldapDisplayName: nisMap
3. governsId: 1.3.6.1.1.1.2.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, nisMapName
8. mayContain: description
9. possSuperiors: domainDNS, container, organizationalUnit
10. schemaIdGuid: 7672666c-02c1-4f33-9ecf-f649c1dd9b7c
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=NisMap,<SchemaNCDN>

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

## Class nisNetgroup

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

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

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

## Class nisObject

An entry in an NIS map.

1. cn: NisObject
2. ldapDisplayName: nisObject
3. governsId: 1.3.6.1.1.1.2.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, nisMapName, nisMapEntry
8. mayContain: description, msSFU30Name, msSFU30NisDomain
9. possSuperiors: domainDNS, nisMap, container, organizationalUnit
10. schemaIdGuid: 904f8a93-4954-4c5f-b1e1-53c097a31e13
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=NisObject,<SchemaNCDN>

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

## Class nTDSConnection

A connection from a remote domain controller.

1. cn: NTDS-Connection
2. ldapDisplayName: nTDSConnection
3. governsId: 1.2.840.113556.1.5.71
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMustContain: options, fromServer, enabledConnection
8. systemMayContain: transportType, schedule, mS-DS-ReplicatesNCReason,
9. generatedConnection
10. systemPossSuperiors: nTFRSMember, nTFRSReplicaSet, nTDSDSA
11. schemaIdGuid: 19195a60-6da0-11d0-afd3-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTDS-Connection,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTDSDSA

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

1. cn: NTDS-DSA
2. ldapDisplayName: nTDSDSA
3. governsId: 1.2.840.113556.1.5.7000.47
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. systemMayContain: msDS-EnabledFeature, msDS-IsUserCachableAtRodc, msDS-SiteName,
8. msDS-isRODC, msDS-isGC, msDS-RevealedUsers,
9. msDS-NeverRevealGroup, msDS-RevealOnDemandGroup,
10. msDS-hasFullReplicaNCs, serverReference,
11. msDS-RetiredReplNCSignatures, retiredReplDSASignatures,
12. queryPolicyObject, options, networkAddress, msDS-ReplicationEpoch,
13. msDS-HasInstantiatedNCs, msDS-hasMasterNCs, msDS-HasDomainNCs,
14. msDS-Behavior-Version, managedBy, lastBackupRestorationTime,
15. invocationId, hasPartialReplicaNCs, hasMasterNCs, fRSRootPath,
16. dMDLocation
17. systemPossSuperiors: organization, server
18. schemaIdGuid: f0f8ffab-1191-11d0-a060-00aa006c33ed
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
21. defaultHidingValue: TRUE
22. systemOnly: TRUE
23. defaultObjectCategory: CN=NTDS-DSA,<SchemaNCDN>
24. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTDSDSARO

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

1. cn: NTDS-DSA-RO
2. ldapDisplayName: nTDSDSARO
3. governsId: 1.2.840.113556.1.5.254
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: nTDSDSA
7. systemPossSuperiors: server, organization
8. schemaIdGuid: 85d16ec1-0791-4bc8-8ab3-70980602ff8c
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: TRUE
13. defaultObjectCategory: CN=NTDS-DSA-RO,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: NTDS-Service
2. ldapDisplayName: nTDSService
3. governsId: 1.2.840.113556.1.5.72
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-DeletedObjectLifetime, tombstoneLifetime,
8. sPNMappings, replTopologyStayOfExecution, msDS-Other-Settings,
9. garbageCollPeriod, dSHeuristics
10. systemPossSuperiors: container
11. schemaIdGuid: 19195a5f-6da0-11d0-afd3-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTDS-Service,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTDSSiteSettings

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

1. cn: NTDS-Site-Settings
2. ldapDisplayName: nTDSSiteSettings
3. governsId: 1.2.840.113556.1.5.69
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSiteSettings
7. systemMayContain: schedule, queryPolicyObject, options,
8. msDS-Preferred-GC-Site, managedBy, interSiteTopologyRenew,
9. interSiteTopologyGenerator, interSiteTopologyFailover
10. systemPossSuperiors: site
11. schemaIdGuid: 19195a5d-6da0-11d0-afd3-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTDS-Site-Settings,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTFRSMember

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

1. cn: NTFRS-Member
2. ldapDisplayName: nTFRSMember
3. governsId: 1.2.840.113556.1.5.153
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: serverReference, fRSUpdateTimeout,
8. fRSServiceCommand, fRSRootSecurity, fRSPartnerAuthLevel, fRSFlags,
9. fRSExtensions, fRSControlOutboundBacklog, fRSControlInboundBacklog,
10. fRSControlDataCreation, frsComputerReference
11. systemPossSuperiors: nTFRSReplicaSet
12. schemaIdGuid: 2a132586-9373-11d1-aebc-0000f80367c1
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=NTFRS-Member,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTFRSReplicaSet

Defines the replica set for the FRS.

1. cn: NTFRS-Replica-Set
2. ldapDisplayName: nTFRSReplicaSet
3. governsId: 1.2.840.113556.1.5.102
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: schedule, msFRS-Topology-Pref, msFRS-Hub-Member,
8. managedBy, fRSVersionGUID, fRSServiceCommand, fRSRootSecurity,
9. fRSReplicaSetType, fRSReplicaSetGUID, fRSPrimaryMember,
10. fRSPartnerAuthLevel, fRSLevelLimit, fRSFlags, fRSFileFilter,
11. fRSExtensions, fRSDSPoll, fRSDirectoryFilter
12. systemPossSuperiors: nTFRSSettings
13. schemaIdGuid: 5245803a-ca6a-11d0-afff-0000f80367c1
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
18. (OA;;CCDC;2a132586-9373-11d1-aebc-0000f80367c1;;ED)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=NTFRS-Replica-Set,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTFRSSettings

Identifies the specific settings for FRS.

1. cn: NTFRS-Settings
2. ldapDisplayName: nTFRSSettings
3. governsId: 1.2.840.113556.1.5.89
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. systemMayContain: managedBy, fRSExtensions
8. systemPossSuperiors: nTFRSSettings, container, organizationalUnit,
9. organization
10. schemaIdGuid: f780acc2-56f0-11d1-a9c6-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=NTFRS-Settings,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTFRSSubscriber

Identifies a subscriber to a replica set.

1. cn: NTFRS-Subscriber
2. ldapDisplayName: nTFRSSubscriber
3. governsId: 1.2.840.113556.1.5.155
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: fRSStagingPath, fRSRootPath
8. systemMayContain: schedule, fRSUpdateTimeout,
9. fRSTimeLastConfigChange, fRSTimeLastCommand,
10. fRSServiceCommandStatus, fRSServiceCommand, fRSMemberReference,
11. fRSFlags, fRSFaultCondition, fRSExtensions
12. systemPossSuperiors: nTFRSSubscriptions
13. schemaIdGuid: 2a132588-9373-11d1-aebc-0000f80367c1
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=NTFRS-Subscriber,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class nTFRSSubscriptions

Holds a set of subscriptions to a replica set.

1. cn: NTFRS-Subscriptions
2. ldapDisplayName: nTFRSSubscriptions
3. governsId: 1.2.840.113556.1.5.154
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: fRSWorkingPath, fRSVersion, fRSExtensions
8. systemPossSuperiors: user, computer, nTFRSSubscriptions
9. schemaIdGuid: 2a132587-9373-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTFRS-Subscriptions,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class oncRpc

An abstraction of an Open Network Computing (ONC) remote procedure call (RPC) binding, as specified in [[RFC1831]](https://go.microsoft.com/fwlink/?LinkId=90295).

1. cn: OncRpc
2. ldapDisplayName: oncRpc
3. governsId: 1.3.6.1.1.1.2.5
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, oncRpcNumber
8. mayContain: description, msSFU30Name, msSFU30NisDomain, nisMapName,
9. msSFU30Aliases
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: cadd1e5e-fefc-4f3f-b5a9-70e994204303
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=OncRpc,<SchemaNCDN>

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

## Class organization

Stores information about a company or organization.

1. cn: Organization
2. ldapDisplayName: organization
3. governsId: 2.5.6.4
4. objectClassCategory: 1
5. rdnAttId: o
6. subClassOf: top
7. systemMustContain: o
8. systemMayContain: x121Address, userPassword, telexNumber,
9. teletexTerminalIdentifier, telephoneNumber, street, st, seeAlso,
10. searchGuide, registeredAddress, preferredDeliveryMethod, postalCode,
11. postalAddress, postOfficeBox, physicalDeliveryOfficeName, l,
12. internationalISDNNumber, facsimileTelephoneNumber,
13. destinationIndicator, businessCategory
14. systemPossSuperiors: locality, country, domainDNS
15. schemaIdGuid: bf967aa3-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: FALSE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Organization,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class organizationalPerson

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

1. cn: Organizational-Person
2. ldapDisplayName: organizationalPerson
3. governsId: 2.5.6.7
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: person
7. mayContain: msDS-HABSeniorityIndex, msDS-PhoneticDisplayName,
8. msDS-PhoneticCompanyName, msDS-PhoneticDepartment,
9. msDS-PhoneticLastName, msDS-PhoneticFirstName, houseIdentifier,
10. msExchHouseIdentifier, homePostalAddress
11. systemMayContain: x121Address, comment, title, co,
12. primaryTelexNumber, telexNumber, teletexTerminalIdentifier, street,
13. st, registeredAddress, preferredDeliveryMethod, postalCode,
14. postalAddress, postOfficeBox, thumbnailPhoto,
15. physicalDeliveryOfficeName, pager, otherPager, otherTelephone,
16. mobile, otherMobile, primaryInternationalISDNNumber, ipPhone,
17. otherIpPhone, otherHomePhone, homePhone,
18. otherFacsimileTelephoneNumber, personalTitle, middleName,
19. otherMailbox, ou, o, mhsORAddress, msDS-AllowedToDelegateTo,
20. manager, thumbnailLogo, l, internationalISDNNumber, initials,
21. givenName, generationQualifier, facsimileTelephoneNumber,
22. employeeID, mail, division, destinationIndicator, department, c,
23. countryCode, company, assistant, streetAddress,
24. msDS-AllowedToActOnBehalfOfOtherIdentity
25. systemPossSuperiors: organizationalUnit, organization, container
26. schemaIdGuid: bf967aa4-0de6-11d0-a285-00aa003049e2
27. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
28. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
29. defaultHidingValue: TRUE
30. systemOnly: FALSE
31. defaultObjectCategory: CN=Person,<SchemaNCDN>
32. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: Organizational-Role
2. ldapDisplayName: organizationalRole
3. governsId: 2.5.6.8
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: x121Address, telexNumber,
9. teletexTerminalIdentifier, telephoneNumber, street, st, seeAlso,
10. roleOccupant, registeredAddress, preferredDeliveryMethod,
11. postalCode, postalAddress, postOfficeBox,
12. physicalDeliveryOfficeName, ou, l, internationalISDNNumber,
13. facsimileTelephoneNumber, destinationIndicator
14. systemPossSuperiors: organizationalUnit, organization, container
15. schemaIdGuid: a8df74bf-c5ea-11d1-bbcb-0080c76670c0
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Organizational-Role,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class organizationalUnit

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

1. cn: Organizational-Unit
2. ldapDisplayName: organizationalUnit
3. governsId: 2.5.6.5
4. objectClassCategory: 1
5. rdnAttId: ou
6. subClassOf: top
7. systemMustContain: ou
8. systemMayContain: x121Address, userPassword, uPNSuffixes, co,
9. telexNumber, teletexTerminalIdentifier, telephoneNumber, street, st,
10. seeAlso, searchGuide, registeredAddress, preferredDeliveryMethod,
11. postalCode, postalAddress, postOfficeBox,
12. physicalDeliveryOfficeName, msCOM-UserPartitionSetLink, managedBy,
13. thumbnailLogo, l, internationalISDNNumber, gPOptions, gPLink,
14. facsimileTelephoneNumber, destinationIndicator, desktopProfile,
15. defaultGroup, countryCode, c, businessCategory
16. systemPossSuperiors: country, organization, organizationalUnit,
17. domainDNS
18. schemaIdGuid: bf967aa5-0de6-11d0-a285-00aa003049e2
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
21. (OA;;CCDC;bf967a86-0de6-11d0-a285-00aa003049e2;;AO)
22. (OA;;CCDC;bf967aba-0de6-11d0-a285-00aa003049e2;;AO)
23. (OA;;CCDC;bf967a9c-0de6-11d0-a285-00aa003049e2;;AO)
24. (OA;;CCDC;bf967aa8-0de6-11d0-a285-00aa003049e2;;PO)
25. (A;;RPLCLORC;;;AU)(A;;LCRPLORC;;;ED)
26. (OA;;CCDC;4828CC14-1437-45bc-9B07-AD6F015E5F28;;AO)
27. defaultHidingValue: FALSE
28. systemOnly: FALSE
29. defaultObjectCategory: CN=Organizational-Unit,<SchemaNCDN>
30. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class packageRegistration

The registration information for an application.

1. cn: Package-Registration
2. ldapDisplayName: packageRegistration
3. governsId: 1.2.840.113556.1.5.49
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: versionNumberLo, versionNumberHi, vendor,
8. upgradeProductCode, setupCommand, productCode, packageType,
9. packageName, packageFlags, msiScriptSize, msiScriptPath,
10. msiScriptName, msiScript, msiFileList, managedBy,
11. machineArchitecture, localeID, lastUpdateSequence, installUiLevel,
12. iconPath, fileExtPriority, cOMTypelibId, cOMProgID, cOMInterfaceID,
13. cOMClassID, categories, canUpgradeScript
14. systemPossSuperiors: classStore
15. schemaIdGuid: bf967aa6-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Package-Registration,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class person

Contains personal information about a user.

1. cn: Person
2. ldapDisplayName: person
3. governsId: 2.5.6.6
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. mayContain: attributeCertificateAttribute
9. systemMayContain: userPassword, telephoneNumber, sn, serialNumber,
10. seeAlso
11. systemPossSuperiors: organizationalUnit, container
12. schemaIdGuid: bf967aa7-0de6-11d0-a285-00aa003049e2
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Person,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class physicalLocation

Stores physical address information.

1. cn: Physical-Location
2. ldapDisplayName: physicalLocation
3. governsId: 1.2.840.113556.1.5.97
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: locality
7. systemMayContain: managedBy
8. systemPossSuperiors: physicalLocation, configuration
9. schemaIdGuid: b7b13122-b82e-11d0-afee-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Physical-Location,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class pKICertificateTemplate

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

1. cn: PKI-Certificate-Template
2. ldapDisplayName: pKICertificateTemplate
3. governsId: 1.2.840.113556.1.5.177
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: pKIOverlapPeriod, pKIMaxIssuingDepth, pKIKeyUsage,
8. pKIExtendedKeyUsage, pKIExpirationPeriod, pKIEnrollmentAccess,
9. pKIDefaultCSPs, pKIDefaultKeySpec, pKICriticalExtensions,
10. msPKI-RA-Signature, msPKI-RA-Policies,
11. msPKI-RA-Application-Policies, msPKI-Template-Schema-Version,
12. msPKI-Template-Minor-Revision, msPKI-Supersede-Templates,
13. msPKI-Private-Key-Flag, msPKI-Minimal-Key-Size,
14. msPKI-Enrollment-Flag, msPKI-Certificate-Policy,
15. msPKI-Certificate-Name-Flag, msPKI-Certificate-Application-Policy,
16. msPKI-Cert-Template-OID, flags, displayName
17. systemPossSuperiors: container
18. schemaIdGuid: e5209ca2-3bba-11d2-90cc-00c04fd91ab1
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
21. defaultHidingValue: TRUE
22. systemOnly: FALSE
23. defaultObjectCategory: CN=PKI-Certificate-Template,<SchemaNCDN>
24. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class pKIEnrollmentService

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

1. cn: PKI-Enrollment-Service
2. ldapDisplayName: pKIEnrollmentService
3. governsId: 1.2.840.113556.1.5.178
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msPKI-Enrollment-Servers, msPKI-Site-Name,
8. signatureAlgorithms, enrollmentProviders, dNSHostName,
9. certificateTemplates, cACertificateDN, cACertificate
10. systemPossSuperiors: container
11. schemaIdGuid: ee4aa692-3bba-11d2-90cc-00c04fd91ab1
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=PKI-Enrollment-Service,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class posixAccount

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

1. cn: PosixAccount
2. ldapDisplayName: posixAccount
3. governsId: 1.3.6.1.1.1.2.0
4. objectClassCategory: 3
5. rdnAttId: uid
6. subClassOf: top
7. mayContain: uid, cn, uidNumber, gidNumber, unixHomeDirectory,
8. homeDirectory, userPassword, unixUserPassword, loginShell, gecos,
9. description
10. schemaIdGuid: ad44bb41-67d5-4d88-b575-7b20674e76d8
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=PosixAccount,<SchemaNCDN>

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

## Class posixGroup

An abstraction of a group of accounts.

1. cn: PosixGroup
2. ldapDisplayName: posixGroup
3. governsId: 1.3.6.1.1.1.2.2
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: cn, userPassword, unixUserPassword, description,
8. gidNumber, memberUid
9. schemaIdGuid: 2a9350b8-062c-4ed0-9903-dde10d06deba
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=PosixGroup,<SchemaNCDN>

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

## Class printQueue

Contains information about a print queue.

1. cn: Print-Queue
2. ldapDisplayName: printQueue
3. governsId: 1.2.840.113556.1.5.23
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: versionNumber, uNCName, shortServerName,
8. serverName, printerName
9. systemMayContain: priority, printStatus, printStartTime,
10. printStaplingSupported, printSpooling, printShareName,
11. printSeparatorFile, printRateUnit, printRate, printPagesPerMinute,
12. printOwner, printOrientationsSupported, printNumberUp, printNotify,
13. printNetworkAddress, printMinYExtent, printMinXExtent, printMemory,
14. printMediaSupported, printMediaReady, printMaxYExtent,
15. printMaxXExtent, printMaxResolutionSupported, printMaxCopies,
16. printMACAddress, printLanguage, printKeepPrintedJobs, printFormName,
17. printEndTime, printDuplexSupported, printColor, printCollate,
18. printBinNames, printAttributes, portName, physicalLocationObject,
19. operatingSystemVersion, operatingSystemServicePack,
20. operatingSystemHotfix, operatingSystem, location, driverVersion,
21. driverName, defaultPriority, bytesPerMinute, assetNumber
22. systemPossSuperiors: organizationalUnit, domainDNS, container,
23. computer
24. schemaIdGuid: bf967aa8-0de6-11d0-a285-00aa003049e2
25. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
26. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
27. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;PO)
28. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;AU)
29. defaultHidingValue: FALSE
30. systemOnly: FALSE
31. defaultObjectCategory: CN=Print-Queue,<SchemaNCDN>
32. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class queryPolicy

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

1. cn: Query-Policy
2. ldapDisplayName: queryPolicy
3. governsId: 1.2.840.113556.1.5.106
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: lDAPIPDenyList, lDAPAdminLimits
8. systemPossSuperiors: container
9. schemaIdGuid: 83cc7075-cca7-11d0-afff-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Query-Policy,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class remoteMailRecipient

An external mail recipient. This attribute is obsolete.

1. cn: Remote-Mail-Recipient
2. ldapDisplayName: remoteMailRecipient
3. governsId: 1.2.840.113556.1.5.24
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemAuxiliaryClass: mailRecipient
8. systemMayContain: remoteSourceType, remoteSource, managedBy
9. systemPossSuperiors: organizationalUnit, domainDNS
10. schemaIdGuid: bf967aa9-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. (OA;;CR;ab721a55-1e2f-11d0-9819-00aa0040529b;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Remote-Mail-Recipient,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class remoteStorageServicePoint

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

1. cn: Remote-Storage-Service-Point
2. ldapDisplayName: remoteStorageServicePoint
3. governsId: 1.2.840.113556.1.5.146
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceAdministrationPoint
7. systemMayContain: remoteStorageGUID
8. systemPossSuperiors: computer
9. schemaIdGuid: 2a39c5bd-8960-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Remote-Storage-Service-Point,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class residentialPerson

Defines entries that represent a person in the residential environment.

1. cn: Residential-Person
2. ldapDisplayName: residentialPerson
3. governsId: 2.5.6.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: person
7. systemMayContain: x121Address, title, telexNumber,
8. teletexTerminalIdentifier, street, st, registeredAddress,
9. preferredDeliveryMethod, postalCode, postalAddress, postOfficeBox,
10. physicalDeliveryOfficeName, ou, l, internationalISDNNumber,
11. facsimileTelephoneNumber, destinationIndicator, businessCategory
12. systemPossSuperiors: locality, container
13. schemaIdGuid: a8df74d6-c5ea-11d1-bbcb-0080c76670c0
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Residential-Person,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rFC822LocalPart

Defines entries that represent the local part of mail addresses.

1. cn: rFC822LocalPart
2. ldapDisplayName: rFC822LocalPart
3. governsId: 0.9.2342.19200300.100.4.14
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: domain
7. mayContain: x121Address, telexNumber, teletexTerminalIdentifier,
8. telephoneNumber, street, sn, seeAlso, registeredAddress,
9. preferredDeliveryMethod, postOfficeBox, postalCode, postalAddress,
10. physicalDeliveryOfficeName, internationalISDNNumber,
11. facsimileTelephoneNumber, destinationIndicator, description, cn
12. possSuperiors: organizationalUnit, container
13. schemaIdGuid: b93e3a78-cbae-485e-a07b-5ef4ae505686
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=rFC822LocalPart,<SchemaNCDN>

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

## 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.

1. cn: RID-Manager
2. ldapDisplayName: rIDManager
3. governsId: 1.2.840.113556.1.5.83
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: rIDAvailablePool
8. systemMayContain: msDS-RIDPoolAllocationEnabled
9. systemPossSuperiors: container
10. schemaIdGuid: 6617188d-8f3c-11d0-afda-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. S:(AU;SA;CRWP;;;WD)
14. defaultHidingValue: TRUE
15. systemOnly: TRUE
16. defaultObjectCategory: CN=RID-Manager,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: RID-Set
2. ldapDisplayName: rIDSet
3. governsId: 1.2.840.113556.1.5.129
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: rIDUsedPool, rIDPreviousAllocationPool,
8. rIDNextRID, rIDAllocationPool
9. systemPossSuperiors: user, container, computer
10. schemaIdGuid: 7bfdcb89-4807-11d1-a9c3-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: TRUE
15. defaultObjectCategory: CN=RID-Set,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class room

Defines entries that represent rooms.

1. cn: room
2. ldapDisplayName: room
3. governsId: 0.9.2342.19200300.100.4.7
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn
8. mayContain: location, telephoneNumber, seeAlso, description,
9. roomNumber
10. possSuperiors: organizationalUnit, container
11. schemaIdGuid: 7860e5d2-c8b0-4cbb-bd45-d9455beb9206
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=room,<SchemaNCDN>

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

## Class rpcContainer

The default container for RPC endpoints.

1. cn: Rpc-Container
2. ldapDisplayName: rpcContainer
3. governsId: 1.2.840.113556.1.5.136
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemMayContain: nameServiceFlags
8. systemPossSuperiors: container
9. schemaIdGuid: 80212842-4bdc-11d1-a9c4-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Rpc-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: rpc-Entry
2. ldapDisplayName: rpcEntry
3. governsId: 1.2.840.113556.1.5.27
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemPossSuperiors: container
8. schemaIdGuid: bf967aac-0de6-11d0-a285-00aa003049e2
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=rpc-Entry,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rpcGroup

Represents an RPC group.

1. cn: rpc-Group
2. ldapDisplayName: rpcGroup
3. governsId: 1.2.840.113556.1.5.80
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMayContain: rpcNsObjectID, rpcNsGroup
8. systemPossSuperiors: container
9. schemaIdGuid: 88611bdf-8cf4-11d0-afda-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=rpc-Group,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rpcProfile

Represents an RPC profile.

1. cn: rpc-Profile
2. ldapDisplayName: rpcProfile
3. governsId: 1.2.840.113556.1.5.82
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemPossSuperiors: container
8. schemaIdGuid: 88611be1-8cf4-11d0-afda-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=rpc-Profile,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rpcProfileElement

Holds an entry in an RPC profile.

1. cn: rpc-Profile-Element
2. ldapDisplayName: rpcProfileElement
3. governsId: 1.2.840.113556.1.5.26
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMustContain: rpcNsPriority, rpcNsInterfaceID
8. systemMayContain: rpcNsProfileEntry, rpcNsAnnotation
9. systemPossSuperiors: rpcProfile
10. schemaIdGuid: f29653cf-7ad0-11d0-afd6-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=rpc-Profile-Element,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rpcServer

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

1. cn: rpc-Server
2. ldapDisplayName: rpcServer
3. governsId: 1.2.840.113556.1.5.81
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMayContain: rpcNsObjectID, rpcNsEntryFlags, rpcNsCodeset
8. systemPossSuperiors: container
9. schemaIdGuid: 88611be0-8cf4-11d0-afda-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=rpc-Server,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rpcServerElement

Represents a single interface in a specified RPC server.

1. cn: rpc-Server-Element
2. ldapDisplayName: rpcServerElement
3. governsId: 1.2.840.113556.1.5.73
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMustContain: rpcNsTransferSyntax, rpcNsInterfaceID,
8. rpcNsBindings
9. systemPossSuperiors: rpcServer
10. schemaIdGuid: f29653d0-7ad0-11d0-afd6-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=rpc-Server-Element,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rRASAdministrationConnectionPoint

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

1. cn: RRAS-Administration-Connection-Point
2. ldapDisplayName: rRASAdministrationConnectionPoint
3. governsId: 1.2.840.113556.1.5.150
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceAdministrationPoint
7. systemMayContain: msRRASAttribute
8. systemPossSuperiors: computer
9. schemaIdGuid: 2a39c5be-8960-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=RRAS-Administration-Connection-Point,
17. <SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class rRASAdministrationDictionary

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

1. cn: RRAS-Administration-Dictionary
2. ldapDisplayName: rRASAdministrationDictionary
3. governsId: 1.2.840.113556.1.5.156
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msRRASVendorAttributeEntry
8. systemPossSuperiors: container
9. schemaIdGuid: f39b98ae-938d-11d1-aebd-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=RRAS-Administration-Dictionary,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class samDomain

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

1. cn: Sam-Domain
2. ldapDisplayName: samDomain
3. governsId: 1.2.840.113556.1.5.3
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemAuxiliaryClass: samDomainBase
8. systemMayContain: treeName, rIDManagerReference, replicaSource,
9. pwdProperties, pwdHistoryLength, privateKey, pekList,
10. pekKeyChangeInterval, nTMixedDomain, nextRid, nETBIOSName,
11. msDS-PerUserTrustTombstonesQuota, msDS-PerUserTrustQuota,
12. ms-DS-MachineAccountQuota, msDS-LogonTimeSyncInterval,
13. msDS-AllUsersTrustQuota, modifiedCountAtLastProm, minPwdLength,
14. minPwdAge, maxPwdAge, lSAModifiedCount, lSACreationTime,
15. lockoutThreshold, lockoutDuration, lockOutObservationWindow,
16. gPOptions, gPLink, eFSPolicy, domainPolicyObject, desktopProfile,
17. description, defaultLocalPolicyObject, creationTime,
18. controlAccessRights, cACertificate, builtinModifiedCount,
19. builtinCreationTime, auditingPolicy
20. schemaIdGuid: bf967a90-0de6-11d0-a285-00aa003049e2
21. defaultSecurityDescriptor: D:
22. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;RO)(A;;RP;;;WD)
23. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;ED)
24. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;ED)
25. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;ED)
26. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;BA)
27. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;BA)
28. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;BA)(A;;RPLCLORC;;;AU)
29. (A;;RPWPCRLCLOCCRCWDWOSW;;;DA)(A;CI;RPWPCRLCLOCCRCWDWOSDSW;;;BA)
30. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
31. (A;CI;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)(A;CI;LC;;;RU)
32. (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
33. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
34. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
35. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
36. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
37. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
38. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
39. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
40. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
41. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
42. (OA;;RP;c7407360-20bf-11d0-a768-00aa006e0529;;RU)
43. (OA;CIIO;RPLCLORC;;bf967a9c-0de6-11d0-a285-00aa003049e2;RU)
44. (A;;RPRC;;;RU)(OA;CIIO;RPLCLORC;;
45. bf967aba-0de6-11d0-a285-00aa003049e2;RU)(A;;LCRPLORC;;;ED)
46. (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
47. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
48. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
49. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
50. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
51. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
52. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
53. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
54. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
55. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
56. (OA;CIIO;RPLCLORC;;4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
57. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;RU)
58. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;AU)
59. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
60. bf967aba-0de6-11d0-a285-00aa003049e2;ED)
61. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
62. bf967a9c-0de6-11d0-a285-00aa003049e2;ED)
63. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
64. bf967a86-0de6-11d0-a285-00aa003049e2;ED)
65. (OA;CIIO;WP;ea1b7b93-5e48-46d5-bc6c-4df4fda78a35;
66. bf967a86-0de6-11d0-a285-00aa003049e2;PS)
67. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;DD)
68. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;ED)
69. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;BA)
70. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;BA)
71. (OA;;CR;e2a36dc9-ae17-47c3-b58b-be34c55ba633;;S-1-5-32-557)
72. (OA;;CR;280f369c-67c7-438e-ae98-1d46f3c6f541;;AU)
73. (OA;;CR;ccc2dc7d-a6ad-4a7a-8846-c04e3cc53501;;AU)
74. (OA;;CR;05c74c5e-4deb-43b4-bd9f-86664c2a7fd5;;AU)
75. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;ED)
76. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;BA)
77. (OA;CIIO;CRRPWP;91e647de-d96f-4b70-9557-d63ff4f3ccd8;;PS)
78. (OA;CIOI;RPWP;3f78c3e5-f79a-46bd-a0b8-9d18116ddc79;;PS)
79. S:(AU;SA;WDWOWP;;;WD)(AU;SA;CR;;;BA)(AU;SA;CR;;;DU)
80. (OU;CISA;WP;f30e3bbe-9ff0-11d1-b603-0000f80367c1;
81. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
82. (OU;CISA;WP;f30e3bbf-9ff0-11d1-b603-0000f80367c1;
83. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
84. defaultHidingValue: TRUE
85. systemOnly: FALSE
86. defaultObjectCategory: CN=Sam-Domain,<SchemaNCDN>
87. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class samDomainBase

A base class for defining domains.

1. cn: Sam-Domain-Base
2. ldapDisplayName: samDomainBase
3. governsId: 1.2.840.113556.1.5.2
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: uASCompat, serverState, serverRole, revision,
8. pwdProperties, pwdHistoryLength, oEMInformation, objectSid,
9. nTSecurityDescriptor, nextRid, modifiedCountAtLastProm,
10. modifiedCount, minPwdLength, minPwdAge, maxPwdAge, lockoutThreshold,
11. lockoutDuration, lockOutObservationWindow, forceLogoff,
12. domainReplica, creationTime
13. schemaIdGuid: bf967a91-0de6-11d0-a285-00aa003049e2
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Sam-Domain-Base,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: Sam-Server
2. ldapDisplayName: samServer
3. governsId: 1.2.840.113556.1.5.5
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: securityObject
7. systemMayContain: samDomainUpdates
8. systemPossSuperiors: domainDNS
9. schemaIdGuid: bf967aad-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. (A;;RPLCLORC;;;RU)(OA;;CR;91d67418-0135-4acc-8d79-c08e857cfbec;;AU)
13. (OA;;CR;91d67418-0135-4acc-8d79-c08e857cfbec;;RU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Sam-Server,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class secret

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

1. cn: Secret
2. ldapDisplayName: secret
3. governsId: 1.2.840.113556.1.5.28
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: priorValue, priorSetTime, lastSetTime, currentValue
8. systemPossSuperiors: container
9. schemaIdGuid: bf967aae-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Secret,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class securityObject

An auxiliary class that identifies security principals.

1. cn: Security-Object
2. ldapDisplayName: securityObject
3. governsId: 1.2.840.113556.1.5.1
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemPossSuperiors: container
9. schemaIdGuid: bf967aaf-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Security-Object,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class securityPrincipal

Contains the security information for an object.

1. cn: Security-Principal
2. ldapDisplayName: securityPrincipal
3. governsId: 1.2.840.113556.1.5.6
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: sAMAccountName, objectSid
8. systemMayContain: supplementalCredentials, sIDHistory,
9. securityIdentifier, sAMAccountType, rid, tokenGroupsNoGCAcceptable,
10. tokenGroupsGlobalAndUniversal, tokenGroups, nTSecurityDescriptor,
11. msDS-KeyVersionNumber, altSecurityIdentities, accountNameHistory,
12. msds-tokenGroupNames, msds-tokenGroupNamesGlobalAndUniversal,
13. msds-tokenGroupNamesNoGCAcceptable
14. schemaIdGuid: bf967ab0-0de6-11d0-a285-00aa003049e2
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Security-Principal,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class server

Represents a server computer within a site.

1. cn: Server
2. ldapDisplayName: server
3. governsId: 1.2.840.113556.1.5.17
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-IsUserCachableAtRodc, msDS-SiteName,
8. msDS-isRODC, msDS-isGC, mailAddress, serverReference, serialNumber,
9. managedBy, dNSHostName, bridgeheadTransportList
10. systemPossSuperiors: serversContainer
11. schemaIdGuid: bf967a92-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;CI;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Server,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class serversContainer

Holds server objects within a site.

1. cn: Servers-Container
2. ldapDisplayName: serversContainer
3. governsId: 1.2.840.113556.1.5.7000.48
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: site
8. schemaIdGuid: f780acc0-56f0-11d1-a9c6-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;CC;;;BA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Servers-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class serviceAdministrationPoint

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

1. cn: Service-Administration-Point
2. ldapDisplayName: serviceAdministrationPoint
3. governsId: 1.2.840.113556.1.5.94
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceConnectionPoint
7. systemPossSuperiors: computer
8. schemaIdGuid: b7b13123-b82e-11d0-afee-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Service-Administration-Point,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class serviceClass

Stores the properties of a Winsock service.

1. cn: Service-Class
2. ldapDisplayName: serviceClass
3. governsId: 1.2.840.113556.1.5.29
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMustContain: serviceClassID, displayName
8. systemMayContain: serviceClassInfo
9. systemPossSuperiors: container
10. schemaIdGuid: bf967ab1-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Service-Class,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class serviceConnectionPoint

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

1. cn: Service-Connection-Point
2. ldapDisplayName: serviceConnectionPoint
3. governsId: 1.2.840.113556.1.5.126
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMayContain: versionNumberLo, versionNumberHi, versionNumber,
8. vendor, serviceDNSNameType, serviceDNSName, serviceClassName,
9. serviceBindingInformation, appSchemaVersion
10. systemPossSuperiors: organizationalUnit, container, computer
11. schemaIdGuid: 28630ec1-41d5-11d1-a9c1-0000f80367c1
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Service-Connection-Point,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: Service-Instance
2. ldapDisplayName: serviceInstance
3. governsId: 1.2.840.113556.1.5.30
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: serviceClassID, displayName
8. systemMayContain: winsockAddresses, serviceInstanceVersion
9. systemPossSuperiors: container
10. schemaIdGuid: bf967ab2-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Service-Instance,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class shadowAccount

Provides additional attributes for shadow passwords.

1. cn: ShadowAccount
2. ldapDisplayName: shadowAccount
3. governsId: 1.3.6.1.1.1.2.1
4. objectClassCategory: 3
5. rdnAttId: uid
6. subClassOf: top
7. mayContain: uid, userPassword, description, shadowLastChange,
8. shadowMin, shadowMax, shadowWarning, shadowInactive, shadowExpire,
9. shadowFlag
10. schemaIdGuid: 5b6d8467-1a18-4174-b350-9cc6e7b4ac8d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ShadowAccount,<SchemaNCDN>

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

## 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.

1. cn: simpleSecurityObject
2. ldapDisplayName: simpleSecurityObject
3. governsId: 0.9.2342.19200300.100.4.19
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: userPassword
8. schemaIdGuid: 5fe69b0b-e146-4f15-b0ab-c1e5d488e094
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=simpleSecurityObject,<SchemaNCDN>

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

## Class site

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

1. cn: Site
2. ldapDisplayName: site
3. governsId: 1.2.840.113556.1.5.31
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: notificationList, mSMQSiteID, mSMQSiteForeign,
8. mSMQNt4Stub, mSMQInterval2, mSMQInterval1, managedBy, location,
9. gPOptions, gPLink, msDS-BridgeHeadServersUsed
10. systemPossSuperiors: sitesContainer
11. schemaIdGuid: bf967ab3-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPLCLORC;;;AU)(A;;LCRPLORC;;;ED)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Site,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class siteLink

Represents the connection between two sites.

1. cn: Site-Link
2. ldapDisplayName: siteLink
3. governsId: 1.2.840.113556.1.5.147
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: siteList
8. systemMayContain: schedule, replInterval, options, cost
9. systemPossSuperiors: interSiteTransport
10. schemaIdGuid: d50c2cde-8951-11d1-aebc-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Site-Link,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class siteLinkBridge

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

1. cn: Site-Link-Bridge
2. ldapDisplayName: siteLinkBridge
3. governsId: 1.2.840.113556.1.5.148
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: siteLinkList
8. systemPossSuperiors: interSiteTransport
9. schemaIdGuid: d50c2cdf-8951-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Site-Link-Bridge,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class sitesContainer

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

1. cn: Sites-Container
2. ldapDisplayName: sitesContainer
3. governsId: 1.2.840.113556.1.5.107
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: configuration
8. schemaIdGuid: 7a4117da-cd67-11d0-afff-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Sites-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class storage

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

1. cn: Storage
2. ldapDisplayName: storage
3. governsId: 1.2.840.113556.1.5.33
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMayContain: monikerDisplayName, moniker, iconPath
8. systemPossSuperiors: container
9. schemaIdGuid: bf967ab5-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Storage,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class subnet

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

1. cn: Subnet
2. ldapDisplayName: subnet
3. governsId: 1.2.840.113556.1.5.96
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: siteObject, physicalLocationObject, location
8. systemPossSuperiors: subnetContainer
9. schemaIdGuid: b7b13124-b82e-11d0-afee-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Subnet,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class subnetContainer

A container that holds all subnet objects.

1. cn: Subnet-Container
2. ldapDisplayName: subnetContainer
3. governsId: 1.2.840.113556.1.5.95
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: sitesContainer
8. schemaIdGuid: b7b13125-b82e-11d0-afee-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Subnet-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class subSchema

Contains the schema definition.

1. cn: SubSchema
2. ldapDisplayName: subSchema
3. governsId: 2.5.20.1
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: objectClasses, modifyTimeStamp, extendedClassInfo,
8. extendedAttributeInfo, dITContentRules, attributeTypes
9. systemPossSuperiors: dMD
10. schemaIdGuid: 5a8b3261-c38d-11d1-bbc9-0080c76670c0
11. defaultSecurityDescriptor: D:S:
12. defaultHidingValue: TRUE
13. systemOnly: TRUE
14. defaultObjectCategory: CN=SubSchema,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT | FLAG\_DOMAIN\_DISALLOW\_RENAME

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

## Class top

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

1. cn: Top
2. ldapDisplayName: top
3. governsId: 2.5.6.0
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: objectClass, objectCategory, nTSecurityDescriptor,
8. instanceType
9. mayContain: msSFU30PosixMemberOf, msDFSR-ComputerReferenceBL,
10. msDFSR-MemberReferenceBL, msDS-ObjectReferenceBL
11. systemMayContain: msDS-EnabledFeatureBL, msDS-LastKnownRDN,
12. msDS-HostServiceAccountBL, msDS-CloudAnchor,
13. msDS-OIDToGroupLinkBl, msDS-LocalEffectiveRecycleTime,
14. msDS-LocalEffectiveDeletionTime, isRecycled, msDS-NcType,
15. msDS-PSOApplied, msDS-PrincipalName,
16. msDS-RevealedListBL, msDS-AuthenticatedToAccountlist,
17. msDS-IsPartialReplicaFor, msDS-IsDomainFor, msDS-IsFullReplicaFor,
18. msDS-RevealedDSAs, msDS-KrbTgtLinkBl, url, wWWHomePage, whenCreated,
19. whenChanged, wellKnownObjects, wbemPath, uSNSource, uSNLastObjRem,
20. USNIntersite, uSNDSALastObjRemoved, uSNCreated, uSNChanged,
21. systemFlags, subSchemaSubEntry, subRefs, structuralObjectClass,
22. siteObjectBL, serverReferenceBL, sDRightsEffective, revision,
23. repsTo, repsFrom, directReports, replUpToDateVector,
24. replPropertyMetaData, name, queryPolicyBL, proxyAddresses,
25. proxiedObjectName, possibleInferiors, partialAttributeSet,
26. partialAttributeDeletionList, otherWellKnownObjects, objectVersion,
27. objectGUID, distinguishedName, nonSecurityMemberBL, netbootSCPBL,
28. ownerBL, msDS-ReplValueMetaData, msDS-ReplAttributeMetaData,
29. msDS-NonMembersBL, msDS-NCReplOutboundNeighbors,
30. msDS-NCReplInboundNeighbors, msDS-NCReplCursors,
31. msDS-TasksForAzRoleBL, msDS-TasksForAzTaskBL,
32. msDS-OperationsForAzRoleBL, msDS-OperationsForAzTaskBL,
33. msDS-MembersForAzRoleBL, msDs-masteredBy, mS-DS-ConsistencyGuid,
34. mS-DS-ConsistencyChildCount, msDS-Approx-Immed-Subordinates,
35. msCOM-PartitionSetLink, msCOM-UserLink, modifyTimeStamp, masteredBy,
36. managedObjects, lastKnownParent, isPrivilegeHolder, memberOf,
37. isDeleted, isCriticalSystemObject, showInAdvancedViewOnly,
38. fSMORoleOwner, fRSMemberReferenceBL, frsComputerReferenceBL,
39. fromEntry, flags, extensionName, dSASignature,
40. dSCorePropagationData, displayNamePrintable, displayName,
41. description, createTimeStamp, cn, canonicalName,
42. bridgeheadServerListBL, allowedChildClassesEffective,
43. allowedChildClasses, allowedAttributesEffective, allowedAttributes,
44. adminDisplayName, adminDescription, msDS-NC-RO-Replica-Locations-BL,
45. msDS-ClaimSharesPossibleValuesWithBL, msDS-MembersOfResourcePropertyListBL,
46. msDS-IsPrimaryComputerFor, msDS-ValueTypeReferenceBL, msDS-TDOIngressBL,
47. msDS-TDOEgressBL, msds-memberTransitive, msds-memberOfTransitive,
48. msDS-parentdistname, msDS-ReplValueMetaDataExt, msDS-SourceAnchor,
49. msDS-ObjectSoa
50. systemPossSuperiors: lostAndFound
51. schemaIdGuid: bf967ab7-0de6-11d0-a285-00aa003049e2
52. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
53. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
54. defaultHidingValue: TRUE
55. systemOnly: TRUE
56. defaultObjectCategory: CN=Top,<SchemaNCDN>
57. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class trustedDomain

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

1. cn: Trusted-Domain
2. ldapDisplayName: trustedDomain
3. governsId: 1.2.840.113556.1.5.34
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: msDS-SupportedEncryptionTypes, trustType,
8. trustPosixOffset, trustPartner, trustDirection, trustAuthOutgoing,
9. trustAuthIncoming, trustAttributes, securityIdentifier,
10. msDS-TrustForestTrustInfo, mS-DS-CreatorSID, initialAuthOutgoing,
11. initialAuthIncoming, flatName, domainIdentifier, domainCrossRef,
12. additionalTrustedServiceNames, msDS-IngressClaimsTransformationPolicy,
13. msDS-EgressClaimsTransformationPolicy
14. systemPossSuperiors: container
15. schemaIdGuid: bf967ab8-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. (OA;;WP;736e4812-af31-11d2-b7df-00805f48caeb;
19. bf967ab8-0de6-11d0-a285-00aa003049e2;CO)(A;;SD;;;CO)
20. defaultHidingValue: TRUE
21. systemOnly: FALSE
22. defaultObjectCategory: CN=Trusted-Domain,<SchemaNCDN>
23. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class typeLibrary

Contains information about a type library.

1. cn: Type-Library
2. ldapDisplayName: typeLibrary
3. governsId: 1.2.840.113556.1.5.53
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: cOMUniqueLIBID, cOMInterfaceID, cOMClassID
8. systemPossSuperiors: classStore
9. schemaIdGuid: 281416e2-1968-11d0-a28f-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Type-Library,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## 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.

1. cn: User
2. ldapDisplayName: user
3. governsId: 1.2.840.113556.1.5.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: organizationalPerson
7. auxiliaryClass: shadowAccount, posixAccount
8. systemAuxiliaryClass: securityPrincipal, mailRecipient, msDS-CloudExtensions
9. mayContain: msSFU30NisDomain, msSFU30Name, msDS-SourceObjectDN,
10. x500uniqueIdentifier, userSMIMECertificate, userPKCS12, uid,
11. secretary, roomNumber, preferredLanguage, photo, labeledURI,
12. jpegPhoto, homePostalAddress, givenName, employeeType,
13. employeeNumber, displayName, departmentNumber, carLicense, audio
14. systemMayContain: msTSPrimaryDesktop, msTSSecondaryDesktops,
15. msPKI-CredentialRoamingTokens, msDS-ResultantPSO, msTSLSProperty01,
16. msTSLSProperty02, msTSManagingLS2, msTSManagingLS3, msTSManagingLS4,
17. msTSLicenseVersion2, msTSLicenseVersion3, msTSLicenseVersion4,
18. msTSExpireDate2, msTSExpireDate3, msTSExpireDate4,
19. msDS-AuthenticatedAtDC, msDS-UserPasswordExpiryTimeComputed,
20. msTSManagingLS, msTSLicenseVersion, msTSExpireDate, msTSProperty02,
21. msTSProperty01, msTSInitialProgram, msTSWorkDirectory,
22. msTSDefaultToMainPrinter, msTSConnectPrinterDrives,
23. msTSConnectClientDrives, msTSBrokenConnectionAction,
24. msTSReconnectionAction, msTSMaxIdleTime, msTSMaxConnectionTime,
25. msTSMaxDisconnectionTime, msTSRemoteControl, msTSAllowLogon,
26. msTSHomeDrive, msTSHomeDirectory, msTSProfilePath,
27. msDS-FailedInteractiveLogonCountAtLastSuccessfulLogon,
28. msDS-FailedInteractiveLogonCount,
29. msDS-LastFailedInteractiveLogonTime,
30. msDS-LastSuccessfulInteractiveLogonTime,
31. msRADIUS-SavedFramedIpv6Route, msRADIUS-FramedIpv6Route,
32. msRADIUS-SavedFramedIpv6Prefix, msRADIUS-FramedIpv6Prefix,
33. msRADIUS-SavedFramedInterfaceId, msRADIUS-FramedInterfaceId,
34. msPKIAccountCredentials, msPKIDPAPIMasterKeys,
35. msPKIRoamingTimeStamp, msDS-SupportedEncryptionTypes,
36. msDS-SecondaryKrbTgtNumber, pager, o, mobile, manager, mail,
37. initials, homePhone, businessCategory, userCertificate,
38. userWorkstations, userSharedFolderOther, userSharedFolder,
39. userPrincipalName, userParameters, userAccountControl, unicodePwd,
40. terminalServer, servicePrincipalName, scriptPath, pwdLastSet,
41. profilePath, primaryGroupID, preferredOU, otherLoginWorkstations,
42. operatorCount, ntPwdHistory, networkAddress, msRASSavedFramedRoute,
43. msRASSavedFramedIPAddress, msRASSavedCallbackNumber,
44. msRADIUSServiceType, msRADIUSFramedRoute, msRADIUSFramedIPAddress,
45. msRADIUSCallbackNumber, msNPSavedCallingStationID,
46. msNPCallingStationID, msNPAllowDialin, mSMQSignCertificatesMig,
47. mSMQSignCertificates, mSMQDigestsMig, mSMQDigests, msIIS-FTPRoot,
48. msIIS-FTPDir, msDS-User-Account-Control-Computed,
49. msDS-Site-Affinity, mS-DS-CreatorSID,
50. msDS-Cached-Membership-Time-Stamp, msDS-Cached-Membership,
51. msDRM-IdentityCertificate, msCOM-UserPartitionSetLink, maxStorage,
52. logonWorkstation, logonHours, logonCount, lockoutTime, localeID,
53. lmPwdHistory, lastLogonTimestamp, lastLogon, lastLogoff, homeDrive,
54. homeDirectory, groupsToIgnore, groupPriority, groupMembershipSAM,
55. dynamicLDAPServer, desktopProfile, defaultClassStore, dBCSPwd,
56. controlAccessRights, codePage, badPwdCount, badPasswordTime,
57. adminCount, aCSPolicyName, accountExpires, msDS-PrimaryComputer,
58. msDS-SyncServerUrl, msDS-AssignedAuthNPolicy, msDS-AssignedAuthNPolicySilo,
59. msDS-AuthNPolicySiloMembersBL, msDS-KeyPrincipalBL, msDS-KeyCredentialLink,
60. msDS-preferredDataLocation
61. schemaIdGuid: bf967aba-0de6-11d0-a285-00aa003049e2
62. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
63. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
64. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
65. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
66. (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
67. (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
68. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
69. (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
70. (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)
71. (OA;;RP;037088f8-0ae1-11d2-b422-00a0c968f939;;RS)
72. (OA;;RP;4c164200-20c0-11d0-a768-00aa006e0529;;RS)
73. (OA;;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;;RS)(A;;RC;;;AU)
74. (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
75. (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
76. (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
77. (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
78. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
79. (OA;;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;;RS)
80. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
81. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
82. (OA;;WPRP;6db69a1c-9422-11d1-aebd-0000f80367c1;;S-1-5-32-561)
83. (OA;;WPRP;5805bc62-bdc9-4428-a5e2-856a0f4c185e;;S-1-5-32-561)
84. systemPossSuperiors: builtinDomain, organizationalUnit, domainDNS
85. defaultHidingValue: FALSE
86. systemOnly: FALSE
87. defaultObjectCategory: CN=Person,<SchemaNCDN>
88. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

## Class volume

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

1. cn: Volume
2. ldapDisplayName: volume
3. governsId: 1.2.840.113556.1.5.36
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: uNCName
8. systemMayContain: lastContentIndexed, contentIndexingAllowed
9. systemPossSuperiors: organizationalUnit, domainDNS
10. schemaIdGuid: bf967abb-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Volume,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

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

# 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](#Section_5079407102a745c1b81aeb040c74b0fb) 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](#Section_2d27d2b18820475b85fdc528b6e12a5d) 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](#Section_719c00352aa44ca6b76341a758bd2410) Class user | Updated content for this version of Windows Server. Added the msDS-preferredDataLocation attribute to the systemMayContain list of the User class. | Major |

# Index

A

[Active Directory classes](#section_a568d6eace9f435a8ea9c79e66b9cc7e) 10

C

[Change tracking](#section_33d4fdaef8fc40f59b41ba6020045853) 124

[Classes - Active Directory](#section_a568d6eace9f435a8ea9c79e66b9cc7e) 10

I

[Introduction](#section_6bb6afea72d94886931b64c7f2e5e73c) 9

T

[Tracking changes](#section_33d4fdaef8fc40f59b41ba6020045853) 124