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# Zimbra LDAP Schema

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This appendix is the custom LDAP schema for the Zimbra Collaboration Suite implementation. This schema is built upon the baseline schema that comes with the OpenLDAP software. The Zimbra schema requires that you use the version of the OpenLDAP that is included with the installation package.

The schema is shown here for your information only. You should not make changes to the schema.

*Note: This may not be the latest schema. It can be updated at any time. This is the schema as of 1/29/2006.*

```
#
# Zimbra Systems Schema
#
# our root OID (http://www.iana.org/assignments/enterprise-numbers)
#
# 1.3.6.1.4.1.19348
# 1.3.6.1.4.1.19348.2      LDAP elements
# 1.3.6.1.4.1.19348.2.1   Attribute Types
# 1.3.6.1.4.1.19348.2.2   Object Classes

objectIdentifier ZimbraRoot 1.3.6.1.4.1.19348
objectIdentifier ZimbraLDAP ZimbraRoot:2

#####
# attribute OIDs
#####

# attributes
objectIdentifier ZimbraAttrType ZimbraLDAP:1
objectIdentifier ZimbraReserved2 ZimbraLDAP:2
objectIdentifier ZimbraReserved3 ZimbraLDAP:3
objectIdentifier ZimbraReserved4 ZimbraLDAP:4

#
# define new attribute OIDs here:
#
# 1) always add the new attribute at the end of the list, adding one to the
highest
#    number in use. No need to sort by name here, as you can sort by name in
the object class
#    itself.
#
# 2) when defining new attributes, try and use descriptive names. The name
should *always* start with zimbra*.
#    When defining multiple-attributes use a standard prefix for all related
attributes. For example, if you
#    are defining multiple attrs all related to the blob store, then prefix
them all with zimbraBlob*.
#
# 3) never change/re-use numbers after the product released.
#
# 4) prefix attrs that are user-settable prefs with zimbraPref*.

objectIdentifier zimbraId ZimbraAttrType:1
objectIdentifier zimbraAccountStatus ZimbraAttrType:2
objectIdentifier zimbraMailAddress ZimbraAttrType:3
objectIdentifier zimbraMailHost ZimbraAttrType:4
#objectIdentifier zimbraAttr ZimbraAttrType:8
objectIdentifier zimbraNotes ZimbraAttrType:9
objectIdentifier zimbraMember ZimbraAttrType:10
objectIdentifier zimbraMemberOf ZimbraAttrType:11
objectIdentifier zimbraMailForwardingAddress ZimbraAttrType:12
objectIdentifier zimbraMailDeliveryAddress ZimbraAttrType:13
objectIdentifier zimbraCOSId ZimbraAttrType:14
```

objectIdentifier zimbraMailStatus ZimbraAttrType:15  
objectIdentifier zimbraMailQuota ZimbraAttrType:16  
objectIdentifier zimbraPrefMailSignature ZimbraAttrType:17  
objectIdentifier zimbraPrefMailSignatureEnabled ZimbraAttrType:18  
objectIdentifier zimbraDomainName ZimbraAttrType:19  
objectIdentifier zimbraMailAlias ZimbraAttrType:20  
objectIdentifier zimbraCOSInheritedAttr ZimbraAttrType:21  
objectIdentifier zimbraPrefSaveToSent ZimbraAttrType:22  
objectIdentifier zimbraLmtpAdvertisedName ZimbraAttrType:23  
objectIdentifier zimbraLmtpBindPort ZimbraAttrType:24  
objectIdentifier zimbraLmtpBindAddress ZimbraAttrType:25  
objectIdentifier zimbraLmtpNumThreads ZimbraAttrType:26  
objectIdentifier zimbraIsAdminAccount ZimbraAttrType:31  
objectIdentifier zimbraMailSieveScript ZimbraAttrType:32  
objectIdentifier zimbraPasswordMinLength ZimbraAttrType:33  
objectIdentifier zimbraPasswordMaxLength ZimbraAttrType:34  
objectIdentifier zimbraPasswordMinAge ZimbraAttrType:35  
objectIdentifier zimbraPasswordMaxAge ZimbraAttrType:36  
objectIdentifier zimbraPasswordEnforceHistory ZimbraAttrType:37  
objectIdentifier zimbraPasswordHistory ZimbraAttrType:38  
objectIdentifier zimbraPasswordModifiedTime ZimbraAttrType:39  
objectIdentifier zimbraAliasTargetId ZimbraAttrType:40  
objectIdentifier zimbraPasswordMustChange ZimbraAttrType:41  
objectIdentifier zimbraAuthMech ZimbraAttrType:42  
objectIdentifier zimbraAuthLdapURL ZimbraAttrType:43  
objectIdentifier zimbraAuthLdapBindDn ZimbraAttrType:44  
objectIdentifier zimbraPasswordLocked ZimbraAttrType:45  
objectIdentifier zimbraGalMode ZimbraAttrType:46  
objectIdentifier zimbraGalLdapURL ZimbraAttrType:47  
objectIdentifier zimbraGalLdapSearchBase ZimbraAttrType:48  
objectIdentifier zimbraGalLdapBindDn ZimbraAttrType:49  
objectIdentifier zimbraGalLdapBindPassword ZimbraAttrType:50  
objectIdentifier zimbraGalLdapFilter ZimbraAttrType:51  
objectIdentifier zimbraGalLdapFilterDef ZimbraAttrType:52  
objectIdentifier zimbraGalMaxResults ZimbraAttrType:53  
objectIdentifier zimbraPrefGroupMailBy ZimbraAttrType:54  
objectIdentifier zimbraPrefIncludeSpamInSearch ZimbraAttrType:55  
objectIdentifier zimbraPrefIncludeTrashInSearch ZimbraAttrType:56  
objectIdentifier zimbraPrefMailItemsPerPage ZimbraAttrType:57  
objectIdentifier zimbraPrefOutOfOfficeReply ZimbraAttrType:58  
objectIdentifier zimbraPrefOutOfOfficeReplyEnabled ZimbraAttrType:59  
objectIdentifier zimbraPrefReplyToAddress ZimbraAttrType:60  
objectIdentifier zimbraPrefUseKeyboardShortcuts ZimbraAttrType:61  
objectIdentifier zimbraServerInheritedAttr ZimbraAttrType:62  
objectIdentifier zimbraDomainInheritedAttr ZimbraAttrType:63  
#objectIdentifier zimbraService ZimbraAttrType:64  
objectIdentifier zimbraServiceHostname ZimbraAttrType:65  
objectIdentifier zimbraRedoLogEnabled ZimbraAttrType:74  
objectIdentifier zimbraRedoLogLogPath ZimbraAttrType:75  
objectIdentifier zimbraRedoLogArchiveDir ZimbraAttrType:76  
objectIdentifier zimbraRedoLogRolloverFileSizeKB ZimbraAttrType:78  
objectIdentifier zimbraRedoLogFsyncIntervalMS ZimbraAttrType:79  
objectIdentifier zimbraPop3AdvertisedName ZimbraAttrType:93  
objectIdentifier zimbraPop3BindPort ZimbraAttrType:94

objectIdentifier zimbraPop3BindAddress ZimbraAttrType:95  
objectIdentifier zimbraPop3NumThreads ZimbraAttrType:96  
objectIdentifier zimbraSmtphostname ZimbraAttrType:97  
objectIdentifier zimbraSmtpport ZimbraAttrType:98  
objectIdentifier zimbraSmtptimeout ZimbraAttrType:99  
objectIdentifier zimbraAuthTokenKey ZimbraAttrType:100  
objectIdentifier zimbraPrefMailInitialSearch ZimbraAttrType:102  
objectIdentifier zimbraPrefSentMailFolder ZimbraAttrType:103  
objectIdentifier zimbraMailTrashLifetime ZimbraAttrType:104  
objectIdentifier zimbraMailSpamLifetime ZimbraAttrType:105  
objectIdentifier zimbraMailMessageLifetime ZimbraAttrType:106  
objectIdentifier zimbraContactMaxNumEntries ZimbraAttrType:107  
objectIdentifier zimbraAuthTokenLifetime ZimbraAttrType:108  
objectIdentifier zimbraAdminAuthTokenLifetime ZimbraAttrType:109  
objectIdentifier zimbraMailMinPollingInterval ZimbraAttrType:110  
objectIdentifier zimbraPrefMailPollingInterval ZimbraAttrType:111  
objectIdentifier zimbraAccountClientAttr ZimbraAttrType:112  
objectIdentifier zimbraLastLogonTimestamp ZimbraAttrType:113  
objectIdentifier zimbraLastLogonTimestampFrequency ZimbraAttrType:114  
objectIdentifier zimbraAttachmentsBlocked ZimbraAttrType:115  
objectIdentifier zimbraAttachmentsViewInHtmlOnly ZimbraAttrType:116  
objectIdentifier zimbraMailHostPool ZimbraAttrType:125  
objectIdentifier zimbraPrefNewMailNotificationEnabled ZimbraAttrType:126  
objectIdentifier zimbraPrefNewMailNotificationAddress ZimbraAttrType:127  
objectIdentifier zimbraPrefForwardReplyPrefixChar ZimbraAttrType:130  
objectIdentifier zimbraPrefAutoAddAddressEnabled ZimbraAttrType:131  
objectIdentifier zimbraIsMonitorHost ZimbraAttrType:132  
objectIdentifier zimbraPrefReplyIncludeOriginalText ZimbraAttrType:133  
objectIdentifier zimbraPrefForwardIncludeOriginalText ZimbraAttrType:134  
objectIdentifier zimbraFeatureContactsEnabled ZimbraAttrType:135  
objectIdentifier zimbraFeatureCalendarEnabled ZimbraAttrType:136  
objectIdentifier zimbraFeatureTaggingEnabled ZimbraAttrType:137  
objectIdentifier zimbraFeatureAdvancedSearchEnabled ZimbraAttrType:138  
objectIdentifier zimbraFeatureSavedSearchesEnabled ZimbraAttrType:139  
objectIdentifier zimbraFeatureConversationsEnabled ZimbraAttrType:140  
objectIdentifier zimbraFeatureChangePasswordEnabled ZimbraAttrType:141  
objectIdentifier zimbraFeatureInitialSearchPreferenceEnabled  
ZimbraAttrType:142  
objectIdentifier zimbraFeatureFiltersEnabled ZimbraAttrType:143  
objectIdentifier zimbraPrefDedupeMessagesSentToSelf ZimbraAttrType:144  
objectIdentifier zimbraPrefMessageViewHtmlPreferred ZimbraAttrType:145  
objectIdentifier zimbraUserServicesEnabled ZimbraAttrType:146  
objectIdentifier zimbraMailIdleSessionTimeout ZimbraAttrType:147  
objectIdentifier zimbraPrefContactsPerPage ZimbraAttrType:148  
objectIdentifier zimbraFeatureGalEnabled ZimbraAttrType:149  
objectIdentifier zimbraNewMailNotificationFrom ZimbraAttrType:150  
objectIdentifier zimbraNewMailNotificationSubject ZimbraAttrType:151  
objectIdentifier zimbraNewMailNotificationBody ZimbraAttrType:152  
objectIdentifier zimbraGalLdapAttrMap ZimbraAttrType:153  
objectIdentifier zimbraMailPort ZimbraAttrType:154  
objectIdentifier zimbraAdminPort ZimbraAttrType:155  
objectIdentifier zimbraPrefMailSignatureStyle ZimbraAttrType:156  
objectIdentifier zimbraMimeType ZimbraAttrType:157  
objectIdentifier zimbraMimeIndexingEnabled ZimbraAttrType:158

objectIdentifier zimbraMimeTypeHandlerClass ZimbraAttrType:159  
objectIdentifier zimbraMimeTypeFileExtension ZimbraAttrType:160  
objectIdentifier zimbraObjectType ZimbraAttrType:161  
objectIdentifier zimbraObjectIndexingEnabled ZimbraAttrType:162  
objectIdentifier zimbraObjectStoreMatched ZimbraAttrType:163  
objectIdentifier zimbraObjectHandlerClass ZimbraAttrType:164  
objectIdentifier zimbraObjectHandlerConfig ZimbraAttrType:165  
objectIdentifier zimbraMailSSLPort ZimbraAttrType:166  
objectIdentifier zimbraPrefContactsInitialView ZimbraAttrType:167  
objectIdentifier zimbraTableMaintenanceMinRows ZimbraAttrType:168  
objectIdentifier zimbraTableMaintenanceMaxRows ZimbraAttrType:169  
objectIdentifier zimbraTableMaintenanceOperation ZimbraAttrType:170  
objectIdentifier zimbraTableMaintenanceGrowthFactor ZimbraAttrType:171  
objectIdentifier zimbraDefaultDomainName ZimbraAttrType:172  
objectIdentifier zimbraAttachmentsIndexingEnabled ZimbraAttrType:173  
objectIdentifier zimbraImapEnabled ZimbraAttrType:174  
objectIdentifier zimbraPop3Enabled ZimbraAttrType:175  
objectIdentifier zimbraImapServerEnabled ZimbraAttrType:176  
objectIdentifier zimbraPop3ServerEnabled ZimbraAttrType:177  
objectIdentifier zimbraImapAdvertisedName ZimbraAttrType:178  
objectIdentifier zimbraImapBindAddress ZimbraAttrType:179  
objectIdentifier zimbraImapBindPort ZimbraAttrType:180  
objectIdentifier zimbraImapNumThreads ZimbraAttrType:181  
objectIdentifier zimbraImapSSLBindAddress ZimbraAttrType:182  
objectIdentifier zimbraImapSSLBindPort ZimbraAttrType:183  
objectIdentifier zimbraImapSSLServerEnabled ZimbraAttrType:184  
objectIdentifier zimbraImapCleartextLoginEnabled ZimbraAttrType:185  
objectIdentifier zimbraPop3SSLBindAddress ZimbraAttrType:186  
objectIdentifier zimbraPop3SSLBindPort ZimbraAttrType:187  
objectIdentifier zimbraPop3SSLServerEnabled ZimbraAttrType:188  
objectIdentifier zimbraPop3CleartextLoginEnabled ZimbraAttrType:189  
#objectIdentifier zimbraVirusDefinitionsUpdateTime ZimbraAttrType:190  
objectIdentifier zimbraVirusDefinitionsUpdateFrequency ZimbraAttrType:191  
objectIdentifier zimbraPrefShowFragments ZimbraAttrType:192  
objectIdentifier zimbraMtaAuthEnabled ZimbraAttrType:194  
objectIdentifier zimbraMtaBlockedExtension ZimbraAttrType:195  
objectIdentifier zimbraMtaCommonBlockedExtension ZimbraAttrType:196  
objectIdentifier zimbraMtaDnsLookupsEnabled ZimbraAttrType:197  
objectIdentifier zimbraMtaMaxMessageSize ZimbraAttrType:198  
objectIdentifier zimbraMtaRelayHost ZimbraAttrType:199  
objectIdentifier zimbraMtaTlsAuthOnly ZimbraAttrType:200  
objectIdentifier zimbraSpamCheckEnabled ZimbraAttrType:201  
objectIdentifier zimbraSpamKillPercent ZimbraAttrType:202  
objectIdentifier zimbraSpamSubjectTag ZimbraAttrType:203  
objectIdentifier zimbraSpamTagPercent ZimbraAttrType:204  
objectIdentifier zimbraVirusBlockEncryptedArchive ZimbraAttrType:205  
objectIdentifier zimbraVirusCheckEnabled ZimbraAttrType:206  
objectIdentifier zimbraVirusWarnAdmin ZimbraAttrType:207  
objectIdentifier zimbraVirusWarnRecipient ZimbraAttrType:208  
objectIdentifier zimbraPrefComposeInNewWindow ZimbraAttrType:209  
objectIdentifier zimbraSpamHeader ZimbraAttrType:210  
objectIdentifier zimbraSpamHeaderValue ZimbraAttrType:211  
objectIdentifier zimbraDomainType ZimbraAttrType:212  
objectIdentifier zimbraMailCanonicalAddress ZimbraAttrType:213

objectIdentifier zimbraMailCatchAllAddress ZimbraAttrType:214  
objectIdentifier zimbraMailCatchAllForwardingAddress ZimbraAttrType:215  
objectIdentifier zimbraMailCatchAllCanonicalAddress ZimbraAttrType:216  
objectIdentifier zimbraPrefComposeFormat ZimbraAttrType:217  
objectIdentifier zimbraPrefForwardReplyInOriginalFormat ZimbraAttrType:218  
objectIdentifier zimbraFeatureHtmlComposeEnabled ZimbraAttrType:219  
objectIdentifier zimbraServiceEnabled ZimbraAttrType:220  
objectIdentifier zimbraServiceInstalled ZimbraAttrType:221  
objectIdentifier zimbraPrefShowSearchString ZimbraAttrType:222  
objectIdentifier zimbraRedoLogProvider ZimbraAttrType:225  
objectIdentifier zimbraMtaRestriction ZimbraAttrType:226  
objectIdentifier zimbraFileUploadMaxSize ZimbraAttrType:227  
objectIdentifier zimbraTimeZoneStandardDtStart ZimbraAttrType:229  
objectIdentifier zimbraTimeZoneStandardOffset ZimbraAttrType:230  
objectIdentifier zimbraTimeZoneStandardRRule ZimbraAttrType:231  
objectIdentifier zimbraTimeZoneDaylightDtStart ZimbraAttrType:232  
objectIdentifier zimbraTimeZoneDaylightOffset ZimbraAttrType:233  
objectIdentifier zimbraTimeZoneDaylightRRule ZimbraAttrType:234  
objectIdentifier zimbraPrefTimeZoneId ZimbraAttrType:235  
objectIdentifier zimbraPrefUseTimeZoneListInCalendar ZimbraAttrType:236  
objectIdentifier zimbraAttachmentsScanEnabled ZimbraAttrType:237  
objectIdentifier zimbraAttachmentsScanClass ZimbraAttrType:238  
objectIdentifier zimbraAttachmentsScanURL ZimbraAttrType:239  
objectIdentifier zimbraPrefCalendarInitialView ZimbraAttrType:240  
objectIdentifier zimbraPrefImapSearchFoldersEnabled ZimbraAttrType:241  
objectIdentifier zimbraComponentAvailable ZimbraAttrType:242  
objectIdentifier zimbraCalendarCompatibilityMode ZimbraAttrType:243  
objectIdentifier zimbraSpamIsSpamAccount ZimbraAttrType:244  
objectIdentifier zimbraSpamIsNotSpamAccount ZimbraAttrType:245  
objectIdentifier zimbraMailTransport ZimbraAttrType:247  
objectIdentifier zimbraSmtplibSendPartial ZimbraAttrType:249  
objectIdentifier zimbraLogHostname ZimbraAttrType:250  
objectIdentifier zimbraRedoLogDeleteOnRollover ZimbraAttrType:251  
objectIdentifier zimbraAuthLdapSearchBase ZimbraAttrType:252  
objectIdentifier zimbraAuthLdapSearchBindDn ZimbraAttrType:253  
objectIdentifier zimbraAuthLdapSearchBindPassword ZimbraAttrType:254  
objectIdentifier zimbraAuthLdapSearchFilter ZimbraAttrType:255  
objectIdentifier zimbraAuthLdapExternalDn ZimbraAttrType:256  
objectIdentifier zimbraAuthFallbackToLocal ZimbraAttrType:257  
objectIdentifier zimbraPrefHtmlEditorDefaultFontFamily ZimbraAttrType:258  
objectIdentifier zimbraPrefHtmlEditorDefaultFontSize ZimbraAttrType:259  
objectIdentifier zimbraPrefHtmlEditorDefaultFontColor ZimbraAttrType:260  
objectIdentifier zimbraPrefCalendarFirstDayOfWeek ZimbraAttrType:261  
objectIdentifier zimbraSshPublicKey ZimbraAttrType:262  
objectIdentifier zimbraLogRawLifetime ZimbraAttrType:263  
objectIdentifier zimbraLogSummaryLifetime ZimbraAttrType:264  
objectIdentifier zimbraSpellCheckURL ZimbraAttrType:267  
objectIdentifier zimbraImapBindOnStartup ZimbraAttrType:268  
objectIdentifier zimbraImapSSLBindOnStartup ZimbraAttrType:269  
objectIdentifier zimbraLmtpBindOnStartup ZimbraAttrType:270  
objectIdentifier zimbraPop3BindOnStartup ZimbraAttrType:271  
objectIdentifier zimbraPop3SSLBindOnStartup ZimbraAttrType:272  
objectIdentifier zimbraPrefCalendarNotifyDelegatedChanges ZimbraAttrType:273  
objectIdentifier zimbraPrefCalendarUseQuickAdd ZimbraAttrType:274

```
objectIdentifier zimbraPrefCalendarInitialCheckedCalendars ZimbraAttrType:275
objectIdentifier zimbraPrefCalendarAlwaysShowMiniCal ZimbraAttrType:276
objectIdentifier zimbraSslCaCert ZimbraAttrType:277
objectIdentifier zimbraSslCaKey ZimbraAttrType:278
objectIdentifier zimbraCertAuthorityKeySelfSigned ZimbraAttrType:279
objectIdentifier zimbraCertAuthorityCertSelfSigned ZimbraAttrType:280
objectIdentifier zimbraZimletKeyword ZimbraAttrType:281
objectIdentifier zimbraZimletVersion ZimbraAttrType:282
objectIdentifier zimbraZimletDescription ZimbraAttrType:283
objectIdentifier zimbraZimletIndexingEnabled ZimbraAttrType:284
objectIdentifier zimbraZimletStoreMatched ZimbraAttrType:285
objectIdentifier zimbraZimletHandlerClass ZimbraAttrType:286
objectIdentifier zimbraZimletHandlerConfig ZimbraAttrType:287
objectIdentifier zimbraZimletContentObject ZimbraAttrType:288
objectIdentifier zimbraZimletPanelItem ZimbraAttrType:289
objectIdentifier zimbraZimletScript ZimbraAttrType:290
objectIdentifier zimbraZimletAvailableZimlets ZimbraAttrType:291
objectIdentifier zimbraZimletServerIndexRegex ZimbraAttrType:292
objectIdentifier zimbraMimeTypeHandlerExtension ZimbraAttrType:293
objectIdentifier zimbraProxyAllowedDomains ZimbraAttrType:294
objectIdentifier zimbraForeignPrincipal ZimbraAttrType:295
objectIdentifier zimbraZimletUserProperties ZimbraAttrType:296
objectIdentifier zimbraMessageCacheSize ZimbraAttrType:297
objectIdentifier zimbraIsDomainAdminAccount ZimbraAttrType:298
objectIdentifier zimbraDomainDefaultCOSId ZimbraAttrType:299
objectIdentifier zimbraDomainAdminModifiableAttr ZimbraAttrType:300
objectIdentifier zimbraZimletEnabled ZimbraAttrType:301
objectIdentifier zimbraZimletPriority ZimbraAttrType:302
objectIdentifier zimbraProxyCacheableContentTypes ZimbraAttrType:303
objectIdentifier zimbraZimletIsExtension ZimbraAttrType:304
objectIdentifier zimbraFeatureIMEnabled ZimbraAttrType:305
objectIdentifier zimbraMtaRecipientDelimiter ZimbraAttrType:306
objectIdentifier zimbraPreAuthKey ZimbraAttrType:307
objectIdentifier zimbraMailMode ZimbraAttrType:308
objectIdentifier zimbraMtaAuthHost ZimbraAttrType:309
objectIdentifier zimbraMtaAuthURL ZimbraAttrType:310
objectIdentifier zimbraMtaMyNetworks ZimbraAttrType:311
objectIdentifier zimbraFeatureViewInHtmlEnabled ZimbraAttrType:312
```

```
#####
# object class OIDs
#####
```

```
# classes
```

```
objectIdentifier ZimbraObjectClass ZimbraLDAP:2
```

```
# define new class OIDs here. Same general rules as attrs
```

```
objectIdentifier zimbraAccount ZimbraObjectClass:1
objectIdentifier zimbraCOS ZimbraObjectClass:3
objectIdentifier zimbraDomain ZimbraObjectClass:4
objectIdentifier zimbraSecurityGroup ZimbraObjectClass:5
objectIdentifier zimbraDistributionList ZimbraObjectClass:6
objectIdentifier zimbraMailRecipient ZimbraObjectClass:7
```



```
objectIdentifier zimbraServer ZimbraObjectClass:8
objectIdentifier zimbraGlobalConfig ZimbraObjectClass:9
objectIdentifier zimbraAlias ZimbraObjectClass:11
objectIdentifier zimbraMimeEntry ZimbraObjectClass:12
objectIdentifier zimbraObjectEntry ZimbraObjectClass:13
objectIdentifier zimbraTimeZone ZimbraObjectClass:14
objectIdentifier zimbraZimletEntry ZimbraObjectClass:15

# break glass in case of emergency
#
# A generic attr like this is probably seductive, but would probably cause
# too much pain long term...
#
#attributetype ( zimbraAttr
#           NAME ( 'zimbraAttr' )
#           DESC 'generic name=value attribute'
#           EQUALITY caseIgnoreMatch
#           SUBSTR caseIgnoreSubstringsMatch
#           SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32} )

#####
# attribute definitions
#
# OID (the first arg) comes from the objectIdentifier defined above
#
# NAME should be the same as objectIdentifier
#
# DESC should be the description of the attribute
#
# EQUALITY is the rule to use when doing a search/compare for an attribute
value.
#
# SUBSTR is the rule to use when doing a substring search (*foo*)
#
# SYNTAX is the syntax (i.e., type) of the attribute. We should probably stick
to syntaxes:
#           1.3.6.1.4.1.1466.115.121.1.15    -> directoryString (UTF-8 string)
#           1.3.6.1.4.1.1466.115.121.1.26    -> IA5String (ASCII String)
#           1.3.6.1.4.1.1466.115.121.1.27    -> integer (Integer value)
#           1.3.6.1.4.1.1466.115.121.1.7     -> boolean (TRUE/FALSE)
#
# SINGLE-VALUE should be present if only one instance of this attribute is
allowed within an entry
#
# When defining a new attr def, find an attribute that does something similar
and cut-and-paste.
#
# after defining the attribute, add it to any object classes which it may be a
member of.
#
#
#####
```



```
#### From Microsoft Schema
attributetype ( 1.2.840.113556.1.2.146
    NAME 'company'
    SYNTAX '1.3.6.1.4.1.1466.115.121.1.15'
    SINGLE-VALUE )

attributetype ( zimbraComponentAvailable
    NAME 'zimbraComponentAvailable'
    DESC 'Names of additonal components that have been installed'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64} )

attributetype ( zimbraAccountClientAttr
    NAME 'zimbraAccountClientAttr'
    DESC 'additional account attrs that get returned to a client'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024} )

attributetype ( zimbraAccountStatus
    NAME ( 'zimbraAccountStatus' )
    DESC 'account status (TODO: enumerate valid values here)'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
    SINGLE-VALUE )

attributetype ( zimbraAdminAuthTokenLifetime
    NAME 'zimbraAdminAuthTokenLifetime'
    DESC 'lifetime (nnnnn[hmsd]) of newly created admin auth tokens'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraAliasTargetId
    NAME ( 'zimbraAliasTargetId' )
    DESC 'zimbraId of alias target'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

attributetype ( zimbraAttachmentsBlocked
    NAME 'zimbraAttachmentsBlocked'
    DESC 'block all attachment downloading'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraAttachmentsIndexingEnabled
    NAME 'zimbraAttachmentsIndexingEnabled'
    DESC 'whether or not to index attachemts'
```

```
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraAttachmentsViewInHtmlOnly
    NAME 'zimbraAttachmentsViewInHtmlOnly'
    DESC 'view all attachments in html only'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraAttachmentsScanEnabled
    NAME 'zimbraAttachmentsScanEnabled'
    DESC 'Whether to scan attachments during compose'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraAttachmentsScanClass
    NAME 'zimbraAttachmentsScanClass'
    DESC 'Class to use to scan attachments during compose'
    EQUALITY caseExactMatch
    SUBSTR caseExactSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAttachmentsScanURL
    NAME 'zimbraAttachmentsScanURL'
    DESC 'Data for class that scans attachments during compose'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthFallbackToLocal
    NAME 'zimbraAuthFallbackToLocal'
    DESC 'fallback to local auth if external mech fails'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthLdapBindDn
    NAME 'zimbraAuthLdapBindDn'
    DESC 'LDAP bind dn for ldap auth mech'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthLdapURL
    NAME 'zimbraAuthLdapURL'
    DESC 'LDAP URL for ldap auth mech'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
```

```
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
)
```

```
attributetype ( zimbraAuthLdapSearchBase
    NAME 'zimbraAuthLdapSearchBase'
    DESC 'LDAP search base for ldap auth mech'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthLdapSearchBindDn
    NAME 'zimbraAuthLdapSearchBindDn'
    DESC 'LDAP search bind dn for ldap auth mech'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthLdapSearchBindPassword
    NAME 'zimbraAuthLdapSearchBindPassword'
    DESC 'LDAP search bind password for ldap auth mech'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthLdapSearchFilter
    NAME 'zimbraAuthLdapSearchFilter'
    DESC 'LDAP search filter for ldap auth mech'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthLdapExternalDn
    NAME 'zimbraAuthLdapExternalDn'
    DESC 'explicit mapping to an external LDAP dn for a given account'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthMech
    NAME 'zimbraAuthMech'
    DESC 'mechanism to use for authentication'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64}
    SINGLE-VALUE )
```

```
attributetype ( zimbraAuthTokenKey
    NAME 'zimbraAuthTokenKey'
    DESC 'auth token secret key'
```

```
EQUALITY octetStringMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.40{128}
)
```

```
attributetype ( zimbraAuthTokenLifetime
    NAME 'zimbraAuthTokenLifetime'
    DESC 'lifetime (nnnn[hmsd]) of newly created auth tokens'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraCalendarCompatibilityMode
    NAME 'zimbraCalendarCompatibilityMode'
    DESC 'compatibility mode for calendar server'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraContactMaxNumEntries
    NAME 'zimbraContactMaxNumEntries'
    DESC 'maximum number of contacts allowed in mailbox'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraCOSId
    NAME ( 'zimbraCOSId' )
    DESC 'COS zimbraID'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraCOSInheritedAttr
    NAME 'zimbraCOSInheritedAttr'
    DESC 'zimbraCOS attrs that get inherited in a zimbraAccount'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024} )
```

```
attributetype ( zimbraDomainDefaultCOSId
    NAME ( 'zimbraDomainDefaultCOSId' )
    DESC 'COS zimbraID'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraDomainAdminModifiableAttr
    NAME 'zimbraDomainAdminModifiableAttr'
    DESC 'account attributes that a domain administrator is allowed to
modify'
```

```
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024} )
```

```
attributetype ( zimbraDomainInheritedAttr
    NAME 'zimbraDomainInheritedAttr'
    DESC 'zimbraDomain attrs that get inherited from global config'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024} )
```

```
attributetype ( zimbraDomainName
    NAME ( 'zimbraDomainName' )
    DESC 'name of the domain'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraDomainType
    NAME 'zimbraDomainType'
    DESC 'should be one of: local, alias'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraDefaultDomainName
    NAME ( 'zimbraDefaultDomainName' )
    DESC 'name of the default domain for accounts when authenticating
without a domain'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureContactsEnabled
    NAME 'zimbraFeatureContactsEnabled'
    DESC 'contact features'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureGalEnabled
    NAME 'zimbraFeatureGalEnabled'
    DESC 'GAL features'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureCalendarEnabled
    NAME 'zimbraFeatureCalendarEnabled'
    DESC 'calendar features'
    EQUALITY booleanMatch
```

```
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureIMEnabled
  NAME 'zimbraFeatureIMEnabled'
  DESC 'IM features'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureTaggingEnabled
  NAME 'zimbraFeatureTaggingEnabled'
  DESC 'tagging feature'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureAdvancedSearchEnabled
  NAME 'zimbraFeatureAdvancedSearchEnabled'
  DESC 'advanced search button enabled'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureSavedSearchesEnabled
  NAME 'zimbraFeatureSavedSearchesEnabled'
  DESC 'saved search feature'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureConversationsEnabled
  NAME 'zimbraFeatureConversationsEnabled'
  DESC 'conversations'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureChangePasswordEnabled
  NAME 'zimbraFeatureChangePasswordEnabled'
  DESC 'password changing'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureInitialSearchPreferenceEnabled
  NAME 'zimbraFeatureInitialSearchPreferenceEnabled'
  DESC 'preference to set initial search'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureFiltersEnabled
```

```
NAME 'zimbraFeatureFiltersEnabled'
DESC 'filter prefs enabled'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureHtmlComposeEnabled
NAME 'zimbraFeatureHtmlComposeEnabled'
DESC 'enabled html composing'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraFeatureViewInHtmlEnabled
NAME 'zimbraFeatureViewInHtmlEnabled'
DESC 'option to view attachments in html'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraForeignPrincipal
NAME ( 'zimbraForeignPrincipal' )
DESC 'mapping to foreign principal identifier'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
)
```

```
attributetype ( zimbraGalLdapBindDn
NAME 'zimbraGalLdapBindDn'
DESC 'LDAP bind dn for external GAL queries'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
SINGLE-VALUE )
```

```
attributetype ( zimbraGalLdapBindPassword
NAME 'zimbraGalLdapBindPassword'
DESC 'LDAP bind password for external GAL queries'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
SINGLE-VALUE )
```

```
attributetype ( zimbraGalLdapFilter
NAME 'zimbraGalLdapFilter'
DESC 'LDAP search filter for external GAL queries'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{4096}
SINGLE-VALUE )
```

```
attributetype ( zimbraGalLdapFilterDef
NAME 'zimbraGalLdapFilterDef'
```



```
DESC 'LDAP search filter definitions for GAL queries'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{4096})
```

```
attributetype ( zimbraGalLdapAttrMap
  NAME 'zimbraGalLdapAttrMap'
  DESC 'LDAP Gal attribute to contact attr mapping'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{4096})
```

```
attributetype ( zimbraGalLdapSearchBase
  NAME 'zimbraGalLdapSearchBase'
  DESC 'LDAP search base for external GAL queries'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
  SINGLE-VALUE )
```

```
attributetype ( zimbraGalLdapURL
  NAME 'zimbraGalLdapURL'
  DESC 'LDAP URL for external GAL queries'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
  )
```

```
attributetype ( zimbraGalMaxResults
  NAME 'zimbraGalMaxResults'
  DESC 'maximum number of gal entries to return from a search'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )
```

```
attributetype ( zimbraGalMode
  NAME 'zimbraGalMode'
  DESC 'should be internal (query internal only), external (external
only), or both'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
  SINGLE-VALUE )
```

```
attributetype ( zimbraId
  NAME ( 'zimbraId' )
  DESC 'Zimbra Systems Unique ID'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
  SINGLE-VALUE )
```

```
attributetype ( zimbraImapAdvertisedName
  NAME ( 'zimbraImapAdvertisedName' )
```

```
DESC 'name to use in greeting and sign-off; if empty, uses
hostname'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
SINGLE-VALUE )

attributetype ( zimbraImapBindAddress
NAME ( 'zimbraImapBindAddress' )
DESC 'interface address(es) on which IMAP server should listen; if
empty, binds to all interfaces'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
)

attributetype ( zimbraImapBindPort
NAME ( 'zimbraImapBindPort' )
DESC 'port number on which IMAP server should listen'
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )

attributetype ( zimbraImapBindOnStartup
NAME 'zimbraImapBindOnStartup'
DESC 'Whether to bind to port on startup irrespective of whether
the server is enabled. Useful when port to bind is privileged and must be
bound early.'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )

attributetype ( zimbraImapEnabled
NAME 'zimbraImapEnabled'
DESC 'whether IMAP is enabled for an account'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )

attributetype ( zimbraImapNumThreads
NAME ( 'zimbraImapNumThreads' )
DESC 'number of handler threads'
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )

attributetype ( zimbraImapServerEnabled
NAME 'zimbraImapServerEnabled'
DESC 'whether IMAP server is enabled for a given server'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )

attributetype ( zimbraImapSSLBindAddress
```

```
        NAME ( 'zimbraImapSSLBindAddress' )
        DESC 'interface address(es) on which IMAP server should listen; if
empty, binds to all interfaces'
        EQUALITY caseIgnoreMatch
        SUBSTR caseIgnoreSubstringsMatch
        SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
    )
```

```
attributetype ( zimbraImapSSLBindPort
    NAME ( 'zimbraImapSSLBindPort' )
    DESC 'port number on which IMAP SSL server should listen on'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraImapSSLBindOnStartup
    NAME 'zimbraImapSSLBindOnStartup'
    DESC 'Whether to bind to port on startup irrespective of whether
the server is enabled. Useful when port to bind is privileged and must be
bound early.'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraImapSSLServerEnabled
    NAME 'zimbraImapSSLServerEnabled'
    DESC 'whether IMAP SSL server is enabled for a given server'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraImapCleartextLoginEnabled
    NAME 'zimbraImapCleartextLoginEnabled'
    DESC 'whether or not to allow cleartext logins over a non SSL/TLS
connection'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraIsAdminAccount
    NAME 'zimbraIsAdminAccount'
    DESC 'set to true for admin accounts'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraIsDomainAdminAccount
    NAME 'zimbraIsDomainAdminAccount'
    DESC 'set to true for domain admin accounts'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraIsMonitorHost
```

```
NAME 'zimbraIsMonitorHost'
DESC 'true if this server is the monitor host'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )

attributetype ( zimbraLastLogonTimestamp
  NAME 'zimbraLastLogonTimestamp'
  DESC 'rough estimate of when the user last logged in. see
zimbraLastLogonTimestampFrequency'
  EQUALITY generalizedTimeMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.24
  SINGLE-VALUE )

attributetype ( zimbraLastLogonTimestampFrequency
  NAME 'zimbraLastLogonTimestampFrequency'
  DESC 'how often (nnnnn[hmsd]) the zimbraLastLogonTimestamp is
updated'
  EQUALITY caseIgnoreIA5Match
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
  SINGLE-VALUE )

attributetype ( zimbraLmtpAdvertisedName
  NAME ( 'zimbraLmtpAdvertisedName' )
  DESC 'name to use in greeting and sign-off; if empty, uses
hostname'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
  SINGLE-VALUE )

attributetype ( zimbraLmtpBindAddress
  NAME ( 'zimbraLmtpBindAddress' )
  DESC 'interface address(es) on which LMTP server should listen; if
empty, binds to all interfaces'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
  )

attributetype ( zimbraLmtpBindPort
  NAME ( 'zimbraLmtpBindPort' )
  DESC 'port number on which LMTP server should listen'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )

attributetype ( zimbraLmtpBindOnStartup
  NAME 'zimbraLmtpBindOnStartup'
  DESC 'Whether to bind to port on startup irrespective of whether
the server is enabled. Useful when port to bind is privileged and must be
bound early.'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
```

```
SINGLE-VALUE )

attributetype ( zimbraLmtpNumThreads
    NAME ( 'zimbraLmtpNumThreads' )
    DESC 'number of handler threads, should match MTA concurrency
setting for this server'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraLogHostname
    NAME 'zimbraLogHostname'
    DESC 'destination for syslog messages'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraLogRawLifetime
    NAME 'zimbraLogRawLifetime'
    DESC 'lifetime (nnnnn[hmsd]) of raw log rows in consolidated
logger tables'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraLogSummaryLifetime
    NAME 'zimbraLogSummaryLifetime'
    DESC 'lifetime (nnnnn[hmsd]) of summarized log rows in
consolidated logger tables'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraMailAddress
    NAME 'zimbraMailAddress'
    DESC 'RFC822 email address of this recipient for accepting mail'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraMailAlias
    NAME 'zimbraMailAlias'
    DESC 'RFC822 email address of this recipient for accepting mail'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraMailIdleSessionTimeout
    NAME 'zimbraMailIdleSessionTimeout'
    DESC 'idle timeout (nnnnn[hmsd])'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraPreAuthKey
    NAME 'zimbraPreAuthKey'
```

```
DESC 'preauth secret key'
EQUALITY octetStringMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.40{128}
SINGLE-VALUE )
```

```
attributetype ( zimbraPrefAutoAddAddressEnabled
    NAME 'zimbraPrefAutoAddAddressEnabled'
    DESC 'whether or not new address in outgoing email are auto added
to address book'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefCalendarFirstDayOfWeek
    NAME 'zimbraPrefCalendarFirstDayOfWeek'
    DESC 'first day of week to show in calendar (0=sunday,
6=saturday)'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefCalendarUseQuickAdd
    NAME 'zimbraPrefCalendarUseQuickAdd'
    DESC 'whether or not use quick add dialog or go into full appt
edit view'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefCalendarAlwaysShowMiniCal
    NAME 'zimbraPrefCalendarAlwaysShowMiniCal'
    DESC 'always show the mini calendar'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefCalendarInitialCheckedCalendars
    NAME 'zimbraPrefCalendarInitialCheckedCalendars'
    DESC 'comma-sep list of calendars that are initially checked'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{512}
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefComposeFormat
    NAME 'zimbraPrefComposeFormat'
    DESC 'whether or not to compose in html or text.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefForwardReplyInOriginalFormat
    NAME 'zimbraPrefForwardReplyInOriginalFormat'
    DESC 'whether or not to use same format (text or html) of message
we are replying to'
```

```
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPrefHtmlEditorDefaultFontFamily
    NAME 'zimbraPrefHtmlEditorDefaultFontFamily'
    DESC 'default font family'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{64}
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefHtmlEditorDefaultFontSize
    NAME 'zimbraPrefHtmlEditorDefaultFontSize'
    DESC 'default font size'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefHtmlEditorDefaultFontColor
    NAME 'zimbraPrefHtmlEditorDefaultFontColor'
    DESC 'default font color'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefComposeInNewWindow
    NAME 'zimbraPrefComposeInNewWindow'
    DESC 'whether or not compose messages in a new windows by default'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefShowFragments
    NAME 'zimbraPrefShowFragments'
    DESC 'show fragments in conversation and message lists'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefShowSearchString
    NAME 'zimbraPrefShowSearchString'
    DESC 'whether to show search box or not'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefDedupeMessagesSentToSelf
    NAME 'zimbraPrefDedupeMessagesSentToSelf'
    DESC
'dedupeNone|secondCopyIfOnToOrCC|moveSentMessageToInbox|dedupeAll'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```



```
attributetype ( zimbraPrefNewMailNotificationAddress
    NAME 'zimbraPrefNewMailNotificationAddress'
    DESC 'RFC822 email address for email notifications'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
)

attributetype ( zimbraPrefNewMailNotificationEnabled
    NAME 'zimbraPrefNewMailNotificationEnabled'
    DESC 'whether or not new mail notification is enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPrefMailPollingInterval
    NAME 'zimbraPrefMailPollingInterval'
    DESC 'configured mail polling interval (nnnnn[hmsd])'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraMailMinPollingInterval
    NAME 'zimbraMailMinPollingInterval'
    DESC 'minimum allowed mail polling interval (nnnnn[hmsd])'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraPrefReplyIncludeOriginalText
    NAME 'zimbraPrefReplyIncludeOriginalText'
    DESC 'what part of the original message to include during replies'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraPrefForwardReplyPrefixChar
    NAME 'zimbraPrefForwardReplyPrefixChar'
    DESC 'prefix character to use during forward/reply'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{1}
    SINGLE-VALUE )

attributetype ( zimbraPrefForwardIncludeOriginalText
    NAME 'zimbraPrefForwardIncludeOriginalText'
    DESC 'what part of the original message to include during
forwards'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraMailQuota
    NAME 'zimbraMailQuota'
    DESC 'mail quota in bytes'
```

```
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )
```

```
attributetype ( zimbraMailStatus
    NAME ( 'zimbraMailStatus' )
    DESC 'mail delivery status (enabled/disabled)'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailDeliveryAddress
    NAME 'zimbraMailDeliveryAddress'
    DESC 'RFC822 email address of this recipient for local delivery'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )
```

```
attributetype ( zimbraMailCanonicalAddress
    NAME 'zimbraMailCanonicalAddress'
    DESC 'RFC822 email address for senders outbound messages'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailCatchAllAddress
    NAME 'zimbraMailCatchAllAddress'
    DESC 'Address to catch all messages to specified domain'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )
```

```
attributetype ( zimbraMailCatchAllForwardingAddress
    NAME 'zimbraMailCatchAllForwardingAddress'
    DESC 'Address to deliver catch all messages to'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailCatchAllCanonicalAddress
    NAME 'zimbraMailCatchAllCanonicalAddress'
    DESC 'Catch all address to rewrite to'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailHost
    NAME 'zimbraMailHost'
    DESC 'the server hosting the accounts mailbox'
    EQUALITY caseIgnoreIA5Match
```

```
SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
SINGLE-VALUE )
```

```
attributetype ( zimbraMailTransport
    NAME 'zimbraMailTransport'
    DESC 'where to deliver parameter for use in postfix
transport_maps'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{320}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailHostPool
    NAME 'zimbraMailHostPool'
    DESC 'servers that an account can be initially provisioned on'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )
```

```
attributetype ( zimbraMailForwardingAddress
    NAME 'zimbraMailForwardingAddress'
    DESC 'RFC822 forwarding address for an account'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )
```

```
attributetype ( zimbraMailMessageLifetime
    NAME 'zimbraMailMessageLifetime'
    DESC 'lifetime (nnnnn[hmsd]) of a mail message regardless of
location'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailSieveScript
    NAME 'zimbraMailSieveScript'
    DESC 'sieve script generated from user filter rules'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailSpamLifetime
    NAME 'zimbraMailSpamLifetime'
    DESC 'lifetime (nnnnn[hmsd]) of an item in the spam folder'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailTrashLifetime
    NAME 'zimbraMailTrashLifetime'
    DESC 'lifetime (nnnnn[hmsd]) of an item in the trash'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraMember
    NAME ( 'zimbraMember' )
    DESC 'for group membership, included with security group object'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraMemberOf
    NAME ( 'zimbraMemberOf' )
    DESC 'for group membership, included with person object'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )

attributetype ( zimbraMessageCacheSize
    NAME 'zimbraMessageCacheSize'
    DESC 'Size limit in number of bytes on the message cache.'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraMtaAuthEnabled
    NAME 'zimbraMtaAuthEnabled'
    DESC 'Value for postconf smtpd_use_tls'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraMtaBlockedExtension
    NAME 'zimbraMtaBlockedExtension'
    DESC 'Attachment file extensions that are blocked'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64} )

attributetype ( zimbraMtaCommonBlockedExtension
    NAME 'zimbraMtaCommonBlockedExtension'
    DESC 'Commonly blocked attachment file extensions'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64} )

attributetype ( zimbraMtaDnsLookupsEnabled
    NAME 'zimbraMtaDnsLookupsEnabled'
    DESC 'Value for postconf disable_dns_lookups (note enable v.
disable)'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraMtaMaxMessageSize
    NAME 'zimbraMtaMaxMessageSize'
    DESC 'Value for postconf message_size_limit'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
```

```
SINGLE-VALUE )

attributetype ( zimbraMtaRecipientDelimiter
    NAME 'zimbraMtaRecipientDelimiter'
    DESC 'Value for postconf recipient_delimiter.  Also used by ZCS
LMTP
        server to check if it should accept messages to addresses
with
        extensions.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraMtaRelayHost
    NAME 'zimbraMtaRelayHost'
    DESC 'Value for postconf relayhost'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraMtaRestriction
    NAME 'zimbraMtaRestriction'
    DESC 'restrictions to reject some suspect SMTP clients'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64} )

attributetype ( zimbraMtaTlsAuthOnly
    NAME 'zimbraMtaTlsAuthOnly'
    DESC 'Value for postconf smtpd_tls_auth_only'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraMtaAuthURL
    NAME 'zimbraMtaAuthURL'
    DESC 'URL at which this MTA (via zimbra saslauthd) should
authenticate.  Set by setting zimbraMtaAuthHost.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraMtaAuthHost
    NAME 'zimbraMtaAuthHost'
    DESC 'Host running SOAP service for use by MTA auth.  Setting this
sets zimbraMtaAuthURL via attr callback mechanism.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

attributetype ( zimbraMtaMyNetworks
    NAME 'zimbraMtaMyNetworks'
    DESC 'value of postfix mynetworks'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{1024} )

attributetype ( zimbraNotes
    NAME 'zimbraNotes'
```

```
DESC 'administrative notes'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024}
SINGLE-VALUE )

attributetype ( zimbraNewMailNotificationFrom
  NAME 'zimbraNewMailNotificationFrom'
  DESC 'template used to construct the sender of an email
notification message'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1000} )

attributetype ( zimbraNewMailNotificationSubject
  NAME 'zimbraNewMailNotificationSubject'
  DESC 'template used to construct the subject of an email
notification message'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1000} )

attributetype ( zimbraNewMailNotificationBody
  NAME 'zimbraNewMailNotificationBody'
  DESC 'template used to construct the body of an email notification
message'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{10000} )

#
# number of unique passwords a user must have before being allowed to
# re-use an old one. A value of 0 means no password history.
#
attributetype ( zimbraPasswordEnforceHistory
  NAME 'zimbraPasswordEnforceHistory'
  DESC 'whether or not to enforce password history'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )

attributetype ( zimbraPasswordLocked
  NAME 'zimbraPasswordLocked'
  DESC 'user is unable to change password'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )

attributetype ( zimbraPasswordMinAge
  NAME 'zimbraPasswordMinAge'
  DESC 'minimum days between password changes'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )
```

```
attributetype ( zimbraPasswordMaxAge
    NAME 'zimbraPasswordMaxAge'
    DESC 'maximum days between password changes'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraPasswordMinLength
    NAME 'zimbraPasswordMinLength'
    DESC 'minimum length of a password'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraPasswordMaxLength
    NAME 'zimbraPasswordMaxLength'
    DESC 'max length of a password'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraPasswordHistory
    NAME 'zimbraPasswordHistory'
    DESC 'historical password values'
    EQUALITY octetStringMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.40{128}
    )

attributetype ( zimbraPasswordModifiedTime
    NAME 'zimbraPasswordModifiedTime'
    DESC 'time password was last changed'
    EQUALITY generalizedTimeMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.24
    SINGLE-VALUE )

attributetype ( zimbraPasswordMustChange
    NAME 'zimbraPasswordMustChange'
    DESC 'must change password on auth'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPop3AdvertisedName
    NAME ( 'zimbraPop3AdvertisedName' )
    DESC 'name to use in greeting and sign-off; if empty, uses
hostname'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
    SINGLE-VALUE )

attributetype ( zimbraPop3CleartextLoginEnabled
    NAME 'zimbraPop3CleartextLoginEnabled'
```



```
DESC 'whether or not to allow cleartext logins over a non SSL/TLS
connection'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3BindAddress
NAME ( 'zimbraPop3BindAddress' )
DESC 'interface address(es) on which POP3 server should listen; if
empty, binds to all interfaces'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
)
```

```
attributetype ( zimbraPop3BindPort
NAME ( 'zimbraPop3BindPort' )
DESC 'port number on which POP3 server should listen'
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3BindOnStartup
NAME 'zimbraPop3BindOnStartup'
DESC 'Whether to bind to port on startup irrespective of whether
the server is enabled. Useful when port to bind is privileged and must be
bound early.'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3Enabled
NAME 'zimbraPop3Enabled'
DESC 'whether POP3 is enabled for an account'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3ServerEnabled
NAME 'zimbraPop3ServerEnabled'
DESC 'whether IMAP is enabled for a server'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3NumThreads
NAME ( 'zimbraPop3NumThreads' )
DESC 'number of handler threads'
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3SSLBindAddress
NAME ( 'zimbraPop3SSLBindAddress' )
```

```
DESC 'interface address(es) on which POP3 server should listen; if
empty, binds to all interfaces'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
)
```

```
attributetype ( zimbraPop3SSLBindPort
NAME ( 'zimbraPop3SSLBindPort' )
DESC 'port number on which POP3 server should listen'
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3SSLBindOnStartup
NAME 'zimbraPop3SSLBindOnStartup'
DESC 'Whether to bind to port on startup irrespective of whether
the server is enabled. Useful when port to bind is privileged and must be
bound early.'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPop3SSLServerEnabled
NAME 'zimbraPop3SSLServerEnabled'
DESC 'whether IMAP is enabled for a server'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPrefCalendarInitialView
NAME ( 'zimbraPrefCalendarInitialView' )
DESC 'initial calendar view to use'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
SINGLE-VALUE )
```

```
attributetype ( zimbraPrefCalendarNotifyDelegatedChanges
NAME 'zimbraPrefCalendarNotifyDelegatedChanges'
DESC 'If set to true, user is notified by email of changes made to
her calendar by others via delegated calendar access.'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPrefContactsInitialView
NAME ( 'zimbraPrefContactsInitialView' )
DESC 'initial contact view to use'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
SINGLE-VALUE )
```

```
attributetype ( zimbraPrefGroupMailBy
    NAME ( 'zimbraPrefGroupMailBy' )
    DESC 'how to group mail by default'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
    SINGLE-VALUE )

attributetype ( zimbraPrefImapSearchFoldersEnabled
    NAME ( 'zimbraPrefImapSearchFoldersEnabled' )
    DESC 'whether or not the IMAP server exports search folders'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPrefIncludeSpamInSearch
    NAME 'zimbraPrefIncludeSpamInSearch'
    DESC 'whether or not to include spam in search by default'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPrefIncludeTrashInSearch
    NAME 'zimbraPrefIncludeTrashInSearch'
    DESC 'whether or not to include trash in search by default'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPrefMailInitialSearch
    NAME 'zimbraPrefMailInitialSearch'
    DESC 'initial search done by dhtml client'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{512}
    SINGLE-VALUE )

attributetype ( zimbraPrefMailSignature
    NAME 'zimbraPrefMailSignature'
    DESC 'mail signature'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024}
    SINGLE-VALUE )

attributetype ( zimbraPrefMailSignatureStyle
    NAME 'zimbraPrefMailSignatureStyle'
    DESC 'mail signature style outlook|internet'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefMailSignatureEnabled
    NAME 'zimbraPrefMailSignatureEnabled'
    DESC 'mail signature enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPrefMessageViewHtmlPreferred
    NAME 'zimbraPrefMessageViewHtmlPreferred'
    DESC 'whether client prefers text/html or text/plain'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPrefMailItemsPerPage
    NAME 'zimbraPrefMailItemsPerPage'
    DESC 'number of messages/conversations per page'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraPrefContactsPerPage
    NAME 'zimbraPrefContactsPerPage'
    DESC 'number of contacts per page'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraPrefOutOfOfficeReply
    NAME 'zimbraPrefOutOfOfficeReply'
    DESC 'out of office message'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{8192}
    SINGLE-VALUE )

attributetype ( zimbraPrefOutOfOfficeReplyEnabled
    NAME 'zimbraPrefOutOfOfficeReplyEnabled'
    DESC 'whether or not out of office reply is enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraPrefReplyToAddress
    NAME 'zimbraPrefReplyToAddress'
    DESC 'address to put in reply-to header'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

attributetype ( zimbraPrefSaveToSent
    NAME 'zimbraPrefSaveToSent'
    DESC 'whether or not to save outgoing mail'
```

```
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraPrefSentMailFolder
    NAME ( 'zimbraPrefSentMailFolder' )
    DESC 'name of folder to save sent mail in'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraPrefUseKeyboardShortcuts
    NAME 'zimbraPrefUseKeyboardShortcuts'
    DESC 'whether or not keyboard shortcuts are enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraProxyAllowedDomains
    NAME 'zimbraProxyAllowedDomains'
    DESC 'Allowed domains for Proxy servlet'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```

```
attributetype ( zimbraProxyCacheableContentTypes
    NAME 'zimbraProxyCacheableContentTypes'
    DESC 'Content types that can be cached by proxy servlet'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```

```
attributetype ( zimbraRedoLogArchiveDir
    NAME 'zimbraRedoLogArchiveDir'
    DESC 'redolog rollover destination'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraRedoLogEnabled
    NAME 'zimbraRedoLogEnabled'
    DESC 'whether redo logging is enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraRedoLogFsyncIntervalMS
    NAME 'zimbraRedoLogFsyncIntervalMS'
    DESC 'how frequently writes to redo log get fsynced to disk'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraRedoLogLogPath
    NAME 'zimbraRedoLogLogPath'
    DESC 'name and location of the redo log file'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

attributetype ( zimbraRedoLogRolloverFileSizeKB
    NAME 'zimbraRedoLogRolloverFileSizeKB'
    DESC 'redo.log file rolls over when it gets to this size'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraRedoLogDeleteOnRollover
    NAME 'zimbraRedoLogDeleteOnRollover'
    DESC 'whether logs are delete on rollover or archived'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraServerInheritedAttr
    NAME 'zimbraServerInheritedAttr'
    DESC 'zimbraServer attrs that get inherited from global config'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024} )

attributetype ( zimbraServiceHostname
    NAME ( 'zimbraServiceHostname' )
    DESC 'public hostname of the host'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

attributetype ( zimbraServiceEnabled
    NAME ( 'zimbraServiceEnabled' )
    DESC 'services that are enabled on this server'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )

attributetype ( zimbraServiceInstalled
    NAME ( 'zimbraServiceInstalled' )
    DESC 'services that are installed on this server'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )

attributetype ( zimbraSmtphostname
    NAME 'zimbraSmtphostname'
```

```
DESC 'the SMTP server to connect to when sending mail'
EQUALITY caseIgnoreIA5Match
SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )
```

```
attributetype ( zimbraSmtpport
  NAME 'zimbraSmtpport'
  DESC 'the SMTP server port to connect to when sending mail'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )
```

```
attributetype ( zimbraSmtppartialsend
  NAME 'zimbraSmtppartialsend'
  DESC 'Value of the mail.smtp.sendpartial property'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraSmtptimeout
  NAME 'zimbraSmtptimeout'
  DESC 'timeout value in seconds'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )
```

```
attributetype ( zimbraSpamHeader
  NAME 'zimbraSpamHeader'
  DESC 'mail header name for flagging spam'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
  SINGLE-VALUE )
```

```
attributetype ( zimbraSpamHeaderValue
  NAME 'zimbraSpamHeaderValue'
  DESC 'regular expression for matching the spam header'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
  SINGLE-VALUE )
```

```
attributetype ( zimbraSpamcheckenabled
  NAME 'zimbraSpamcheckenabled'
  DESC 'Whether to enable spam checking'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraSpamtagpercent
  NAME 'zimbraSpamtagpercent'
  DESC 'Spaminess percentage beyond which a message is marked as
spam'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
```



```
SINGLE-VALUE )

attributetype ( zimbraSpamKillPercent
    NAME 'zimbraSpamKillPercent'
    DESC 'Spaminess percentage beyond which a message is dropped'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraSpamSubjectTag
    NAME 'zimbraSpamSubjectTag'
    DESC 'Subject prefix for spam messages'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )

attributetype ( zimbraSshPublicKey
    NAME 'zimbraSshPublicKey'
    DESC 'Public key of this server, used by other hosts to authorize
this server to login.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{1024}
    SINGLE-VALUE )

attributetype ( zimbraSslCaCert
    NAME 'zimbraSslCaCert'
    DESC 'CA Cert used to sign all self signed certs'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{2048}
    SINGLE-VALUE )

attributetype ( zimbraSslCaKey
    NAME 'zimbraSslCaKey'
    DESC 'CA Key used to sign all self signed certs'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{2048}
    SINGLE-VALUE )

attributetype ( zimbraCertAuthorityCertSelfSigned
    NAME 'zimbraCertAuthorityCertSelfSigned'
    DESC 'When creating self-signed SSL certs during an install,
we also create a local Certificate Authority (CA) to
sign these SSL certs. This local CA-s own cert is then
added to different applications "trusted CA-s"
list/store. This attribute should not be used in a
system with real certs issued by well known CAs.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{2048}
    SINGLE-VALUE )

attributetype ( zimbraCertAuthorityKeySelfSigned
    NAME 'zimbraCertAuthorityKeySelfSigned'
    DESC 'Please see the documentation for the attribute
zimbraCertAuthorityCertSelfSigned. In addition, please
```

note that this attribute is provided at install for convenience during a test install without real certs issued by well known CAs. If you choose to create your own CA for your production uses, please note that it is a bad idea to store your CA-s private key in LDAP, as this data maybe read from zimbraGlobalConfig in the clear.'

```
EQUALITY caseIgnoreIA5Match
SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{2048}
SINGLE-VALUE )
```

```
attributetype ( zimbraSpamIsSpamAccount
    NAME 'zimbraSpamIsSpamAccount'
    DESC 'When user classifies a message as spam forward message via
SMTP to this account'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraSpamIsNotSpamAccount
    NAME 'zimbraSpamIsNotSpamAccount'
    DESC 'When user classifies a message as not spam forward message
via SMTP to this account'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
    SINGLE-VALUE )
```

```
attributetype ( zimbraUserServicesEnabled
    NAME 'zimbraUserServicesEnabled'
    DESC 'whether end-user services on SOAP and LMTP interfaces are
enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailPort
    NAME 'zimbraMailPort'
    DESC 'HTTP port for end-user UI'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailSSLPort
    NAME 'zimbraMailSSLPort'
    DESC 'SSL port for end-user UI'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraMailMode
    NAME 'zimbraMailMode'
    DESC 'whether to run HTTP or HTTPS or both or mixed mode. See
also related attributes zimbraMailPort and zimbraMailSSLPort'
```

```
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64}
SINGLE-VALUE )

attributetype ( zimbraAdminPort
    NAME 'zimbraAdminPort'
    DESC 'SSL port for admin UI'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

attributetype ( zimbraFileUploadMaxSize
    NAME 'zimbraFileUploadMaxSize'
    DESC 'Maximum size in bytes for attachments'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )

# mime

attributetype ( zimbraMimeFileExtension
    NAME ( 'zimbraMimeFileExtension' )
    DESC 'the file extension (without the .)'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15 )

attributetype ( zimbraMimeType
    NAME ( 'zimbraMimeType' )
    DESC 'the MIME type (type/subtype)'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
    SINGLE-VALUE )

#
# TODO: the mime handler class should definitely be stored as a resource in a
# jar file instead...
#
attributetype ( zimbraMimeHandlerClass
    NAME ( 'zimbraMimeHandlerClass' )
    DESC 'the handler class for the mime type'
    EQUALITY caseExactMatch
    SUBSTR caseExactSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
    SINGLE-VALUE )

attributetype ( zimbraMimeHandlerExtension
    NAME ( 'zimbraMimeHandlerExtension' )
    DESC 'the name of the zimbra extension where the handler class for
the mime type lives'
    EQUALITY caseExactMatch
    SUBSTR caseExactSubstringsMatch
```

```
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
SINGLE-VALUE )

attributetype ( zimbraMimeIndexingEnabled
    NAME 'zimbraMimeIndexingEnabled'
    DESC 'whether or not indexing is enabled for this type'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

# objects (phone numbers, social security numbers, etc.)

attributetype ( zimbraObjectType
    NAME ( 'zimbraObjectType' )
    DESC 'the object type'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
    SINGLE-VALUE )

attributetype ( zimbraObjectHandlerClass
    NAME ( 'zimbraObjectHandlerClass' )
    DESC 'the handler class for the object type'
    EQUALITY caseExactMatch
    SUBSTR caseExactSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
    SINGLE-VALUE )

attributetype ( zimbraObjectIndexingEnabled
    NAME 'zimbraObjectIndexingEnabled'
    DESC 'whether or not indexing is enabled for this type'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraObjectHandlerConfig
    NAME 'zimbraObjectHandlerConfig'
    DESC 'config for this type'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
    SINGLE-VALUE )

attributetype ( zimbraObjectStoreMatched
    NAME 'zimbraObjectStoreMatched'
    DESC 'whether or not store is matched for this type'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraTableMaintenanceMinRows
    NAME 'zimbraTableMaintenanceMinRows'
    DESC 'minimum number of rows required for database table
maintenance'
```

```
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )
```

```
attributetype ( zimbraTableMaintenanceMaxRows
    NAME 'zimbraTableMaintenanceMaxRows'
    DESC 'maximum number of rows required for database table
maintenance'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraTableMaintenanceOperation
    NAME 'zimbraTableMaintenanceOperation'
    DESC 'table maintenance operation that will be performed.  Valid
options: "ANALYZE", "OPTIMIZE"'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{20} )
```

```
attributetype ( zimbraTableMaintenanceGrowthFactor
    NAME 'zimbraTableMaintenanceGrowthFactor'
    DESC 'table maintenance will be performed if the number of rows
grows by this factor'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

```
attributetype ( zimbraVirusCheckEnabled
    NAME 'zimbraVirusCheckEnabled'
    DESC 'Whether to enable virus checking'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraVirusBlockEncryptedArchive
    NAME 'zimbraVirusBlockEncryptedArchive'
    DESC 'Whether to block archive files that are password protected
or encrypted'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraVirusWarnAdmin
    NAME 'zimbraVirusWarnAdmin'
    DESC 'Whether to email admin on virus detection'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )
```

```
attributetype ( zimbraVirusWarnRecipient
    NAME 'zimbraVirusWarnRecipient'
    DESC 'Whether to email recipient on virus detection'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
```

SINGLE-VALUE )

```
attributetype ( zimbraVirusDefinitionsUpdateFrequency
    NAME 'zimbraVirusDefinitionsUpdateFrequency'
    DESC 'how often (nnnnn[hmsd]) the virus definitions are updated'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{32}
    SINGLE-VALUE )
```

```
attributetype ( zimbraRedoLogProvider
    NAME 'zimbraRedoLogProvider'
    DESC 'provider class name for redo logging'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```

```
attributetype ( zimbraTimeZoneStandardDtStart
    NAME 'zimbraTimeZoneStandardDtStart'
    DESC 'Start date for standard time'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```

```
attributetype ( zimbraTimeZoneStandardOffset
    NAME 'zimbraTimeZoneStandardOffset'
    DESC 'Offset in standard time'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{5} )
```

```
attributetype ( zimbraTimeZoneStandardRRule
    NAME 'zimbraTimeZoneStandardRRule'
    DESC 'iCalendar recurrence rule for onset of standard time'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```

```
attributetype ( zimbraTimeZoneDaylightDtStart
    NAME 'zimbraTimeZoneDaylightDtStart'
    DESC 'Start date for daylight time'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```

```
attributetype ( zimbraTimeZoneDaylightOffset
    NAME 'zimbraTimeZoneDaylightOffset'
    DESC 'Offset in daylight time'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{5} )
```

```
attributetype ( zimbraTimeZoneDaylightRRule
    NAME 'zimbraTimeZoneDaylightRRule'
    DESC 'iCalendar recurrence rule for onset of daylight time'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```

```
attributetype ( zimbraPrefTimeZoneId
    NAME 'zimbraPrefTimeZoneId'
    DESC 'time zone of user or COS'
```

```
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )

attributetype ( zimbraPrefUseTimeZoneListInCalendar
    NAME 'zimbraPrefUseTimeZoneListInCalendar'
    DESC 'whether list of well known time zones is displayed in
calendar UI'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

# Multi-valued attribute that allows multiple spell check servers to be
specified.
# If the request to the first server fails, a request to the second server is
# sent and so on.
attributetype ( zimbraSpellCheckURL
    NAME 'zimbraSpellCheckURL'
    DESC 'URL of the server running the spell checking service'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

# Zimlet stuff
attributetype ( zimbraZimletEnabled
    NAME 'zimbraZimletEnabled'
    DESC 'whether this Zimlet is enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraZimletKeyword
    NAME 'zimbraZimletKeyword'
    DESC 'Server side object keyword used for indexing and search for
this Zimlet'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

attributetype ( zimbraZimletVersion
    NAME 'zimbraZimletVersion'
    DESC 'Version of the Zimlet'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

attributetype ( zimbraZimletDescription
    NAME 'zimbraZimletDescription'
    DESC 'Zimlet description'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

attributetype ( zimbraZimletIndexingEnabled
    NAME 'zimbraZimletIndexingEnabled'
```

```
DESC 'Whether server side keyword indexing enabled'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraZimletStoreMatched
  NAME 'zimbraZimletStoreMatched'
  DESC 'Whether store is matched for this type'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

```
attributetype ( zimbraZimletHandlerClass
  NAME ( 'zimbraZimletHandlerClass' )
  DESC 'The handler class for server side Zimlet extension'
  EQUALITY caseExactMatch
  SUBSTR caseExactSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
  SINGLE-VALUE )
```

```
attributetype ( zimbraZimletHandlerConfig
  NAME 'zimbraZimletHandlerConfig'
  DESC 'The global config for the Zimlet'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{10240} )
```

```
attributetype ( zimbraZimletContentObject
  NAME 'zimbraZimletContentObject'
  DESC 'The content object section in the Zimlet description'
  EQUALITY caseIgnoreMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{10240}
  SINGLE-VALUE )
```

```
attributetype ( zimbraZimletPanelItem
  NAME 'zimbraZimletPanelItem'
  DESC 'The panel item section in the Zimlet description'
  EQUALITY caseIgnoreMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{10240}
  SINGLE-VALUE )
```

```
attributetype ( zimbraZimletPriority
  NAME 'zimbraZimletPriority'
  DESC 'Object match priority'
  EQUALITY caseIgnoreMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
  SINGLE-VALUE )
```

```
attributetype ( zimbraZimletScript
  NAME 'zimbraZimletScript'
  DESC 'URL of extra scripts used by the Zimlet'
  EQUALITY caseExactMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )
```



```

attributetype ( zimbraZimletAvailableZimlets
    NAME 'zimbraZimletAvailableZimlets'
    DESC 'List of Zimlets available to this COS'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )

```

```

attributetype ( zimbraZimletServerIndexRegex
    NAME 'zimbraZimletServerIndexRegex'
    DESC 'Regex of content object'
    EQUALITY caseExactMatch
    SUBSTR caseExactSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

```

```

attributetype ( zimbraZimletUserProperties
    NAME 'zimbraZimletUserProperties'
    DESC 'User properties for Zimlets'
    EQUALITY caseExactMatch
    SUBSTR caseExactSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024} )

```

```

attributetype ( zimbraZimletIsExtension
    NAME 'zimbraZimletIsExtension'
    DESC 'Whether this zimlet is an extension'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

```

```

#####
# object class definitions
#
# This is where to define the object classes. Object classes are used to
define which
# attribute MAY (optional) or MUST (required) belong to an entry.
#
# classes can be AUXILIARY or STRUCTURAL. An entry in the directory must have
one and only one
# structural class, but can have many AUXILIARY classes.
#
# should probably try and keep the attributes listed in MAY and MUST sorted
for easy maintenance.
#
#####

```

```

#####
# zimbraMailRecipient is used to represent entries in the directory
# that can receive mail. i.e., they have a visible external address, that
# gets expanded into one or more internal/external addresses.
#####

```

```

objectclass ( zimbraMailRecipient
    NAME 'zimbraMailRecipient'

```

```
DESC 'Account object'
SUP top AUXILIARY
MAY (
    zimbraMailForwardingAddress $
    zimbraMailHost $
    zimbraMailTransport $
    zimbraMailAlias $
    zimbraMailAddress $
    zimbraMailDeliveryAddress $
    zimbraMailCanonicalAddress $
    zimbraMailCatchAllAddress $
    zimbraMailCatchAllForwardingAddress $
    zimbraMailCatchAllCanonicalAddress $
    zimbraMailStatus )
```

```
#####
```

```
# zimbraAccount extends zimbraMailRecipient. It represents a real account in
the system
```

```
# (either admin or end-user) that can be logged into, etc.
```

```
#
```

```
# It is defined as AUXILIARY in case it needs to be mixed to an existing
directory deployment.
```

```
#
```

```
# cn - full name, common name
```

```
# co - country friendly name
```

```
# company - company (company name)
```

```
# displayName - name to display in admin tool, outlook uses as well (cn is
multi-valued)
```

```
# gn - first name (given name)
```

```
# initials - middle initial
```

```
# l - city (locality)
```

```
# ou - organizational unit
```

```
# physicalDeliveryOfficeName - office
```

```
# postalAddress - street address
```

```
# postalCode - zip code
```

```
# sn - last name (sir name)
```

```
# st - state
```

```
# telephoneNumber - phone
```

```
#
```

```
#####
```

```
objectclass ( zimbraAccount
    NAME 'zimbraAccount'
    DESC 'Account object'
    SUP zimbraMailRecipient AUXILIARY
    MUST (
        zimbraId $
        zimbraAccountStatus $
        uid)
    MAY (
        c $
        co $
        company $
        cn $
```

```
displayName $
gn $
description $
initials $
l $
zimbraAttachmentsBlocked $
zimbraAttachmentsIndexingEnabled $
zimbraAttachmentsViewInHtmlOnly $
zimbraAuthTokenLifetime $
zimbraAuthLdapExternalDn $
zimbraAdminAuthTokenLifetime $
zimbraContactMaxNumEntries $
zimbraCOSId $
zimbraFeatureContactsEnabled $
zimbraFeatureGalEnabled $
zimbraFeatureHtmlComposeEnabled $
zimbraFeatureCalendarEnabled $
zimbraFeatureIMEnabled $
zimbraFeatureTaggingEnabled $
zimbraFeatureAdvancedSearchEnabled $
zimbraFeatureSavedSearchesEnabled $
zimbraFeatureConversationsEnabled $
zimbraFeatureChangePasswordEnabled $
zimbraFeatureInitialSearchPreferenceEnabled $
zimbraFeatureFiltersEnabled $
zimbraFeatureViewInHtmlEnabled $
zimbraForeignPrincipal $
zimbraImapEnabled $
zimbraIsAdminAccount $
zimbraIsDomainAdminAccount $
zimbraLastLogonTimestamp $
zimbraMailIdleSessionTimeout $
zimbraMailMessageLifetime $
zimbraMailMinPollingInterval $
zimbraMailQuota $
zimbraMailSieveScript $
zimbraMailSpamLifetime $
zimbraMailTrashLifetime $
zimbraNewMailNotificationFrom $
zimbraNewMailNotificationSubject $
zimbraNewMailNotificationBody $
zimbraNotes $
zimbraPasswordLocked $
zimbraPasswordMinLength $
zimbraPasswordMaxLength $
zimbraPasswordMinAge $
zimbraPasswordMaxAge $
zimbraPasswordEnforceHistory $
zimbraPasswordHistory $
zimbraPasswordModifiedTime $
zimbraPasswordMustChange $
zimbraPop3Enabled $
zimbraPrefTimeZoneId $
zimbraPrefUseTimeZoneListInCalendar $
```

```
zimbraPrefComposeInNewWindow $
zimbraPrefComposeFormat $
zimbraPrefHtmlEditorDefaultFontColor $
zimbraPrefHtmlEditorDefaultFontFamily $
zimbraPrefHtmlEditorDefaultFontSize $
zimbraPrefForwardReplyInOriginalFormat $
zimbraPrefAutoAddAddressEnabled $
zimbraPrefShowFragments $
zimbraPrefShowSearchString $
zimbraPrefCalendarFirstDayOfWeek $
zimbraPrefCalendarInitialView $
zimbraPrefCalendarInitialCheckedCalendars $
zimbraPrefCalendarUseQuickAdd $
zimbraPrefCalendarAlwaysShowMiniCal $
zimbraPrefCalendarNotifyDelegatedChanges $
zimbraPrefContactsInitialView $
zimbraPrefDedupeMessagesSentToSelf $
zimbraPrefForwardIncludeOriginalText $
zimbraPrefForwardReplyPrefixChar $
zimbraPrefGroupMailBy $
zimbraPrefImapSearchFoldersEnabled $
zimbraPrefIncludeSpamInSearch $
zimbraPrefIncludeTrashInSearch $
zimbraPrefMailInitialSearch $
zimbraPrefMailItemsPerPage $
zimbraPrefContactsPerPage $
zimbraPrefMessageViewHtmlPreferred $
zimbraPrefMailPollingInterval $
zimbraPrefMailSignature $
zimbraPrefMailSignatureEnabled $
zimbraPrefMailSignatureStyle $
zimbraPrefNewMailNotificationAddress $
zimbraPrefNewMailNotificationEnabled $
zimbraPrefOutOfOfficeReply $
zimbraPrefOutOfOfficeReplyEnabled $
zimbraPrefReplyIncludeOriginalText $
zimbraPrefReplyToAddress $
zimbraPrefSaveToSent $
zimbraPrefSentMailFolder $
zimbraPrefUseKeyboardShortcuts $
zimbraProxyAllowedDomains $
zimbraZimletAvailableZimlets $
zimbraZimletUserProperties $
zimbraMemberOf $
mail $
o $
ou $
physicalDeliveryOfficeName $
postalAddress $
postalCode $
sn $
st $
telephoneNumber $
title $
```

```

        userPassword) )

#####
# zimbraServer is used to represent a defined server within a zimbra install.
#
# server-specific configuration information will be added here. This includes
information
# like which services should be running on a server, whether or not the server
is normally a master/slave, etc.
#
#####
objectclass ( zimbraAlias
    NAME 'zimbraAlias'
    DESC 'An alias to another zimbra object'
    SUP top STRUCTURAL
    MUST (
        zimbraAliasTargetId $
        zimbraId)
    MAY (
        uid $
        cn)
    )

#####
# zimbraDistributionList represents a distribution/mailing list.
# It inherits from zimbraMailRecipient. Members (who can be internal/
external)
# are represented as zimbraMailForwardingAddress attrs.
#####

objectclass ( zimbraDistributionList
    NAME 'zimbraDistributionList'
    DESC 'Distribution List object'
    SUP top STRUCTURAL
    MUST (
        zimbraId $
        uid)
    MAY (
        displayName $
        description $
        zimbraNotes $
        mail)
    )

#####
# zimbraCOS is the class of service object.
# it should have attributes that are used as default values for accounts that
belong to the
# COS and do not have the same attribute defined in the account directory
entry.
#
# when adding a new COS attr here, you also need to update the value of
zimbraGlobalConfig/zimbraCOSInheritedAttr

```

# (in the zimbra.ldif file), as that defines any attrs from the COS entry that are allowed to be inherited.

#####

```
objectclass ( zimbraCOS
    NAME 'zimbraCOS'
    DESC 'Class of Service data'
    SUP top STRUCTURAL
    MUST (
        cn $
        zimbraId)
    MAY (
        description $
        zimbraAttachmentsBlocked $
        zimbraAttachmentsIndexingEnabled $
        zimbraAttachmentsViewInHtmlOnly $
        zimbraAuthTokenLifetime $
        zimbraAdminAuthTokenLifetime $
        zimbraContactMaxNumEntries $
        zimbraFeatureContactsEnabled $
        zimbraFeatureGalEnabled $
        zimbraFeatureCalendarEnabled $
        zimbraFeatureIMEnabled $
        zimbraFeatureHtmlComposeEnabled $
        zimbraFeatureTaggingEnabled $
        zimbraFeatureAdvancedSearchEnabled $
        zimbraFeatureSavedSearchesEnabled $
        zimbraFeatureConversationsEnabled $
        zimbraFeatureChangePasswordEnabled $
        zimbraFeatureInitialSearchPreferenceEnabled $
        zimbraFeatureFiltersEnabled $
        zimbraImapEnabled $
        zimbraFeatureViewInHtmlEnabled $
        zimbraNotes $
        zimbraMailHostPool $
        zimbraMailIdleSessionTimeout $
        zimbraMailMinPollingInterval $
        zimbraMailMessageLifetime $
        zimbraMailQuota $
        zimbraMailTrashLifetime $
        zimbraMailSpamLifetime $
        zimbraNewMailNotificationFrom $
        zimbraNewMailNotificationSubject $
        zimbraNewMailNotificationBody $
        zimbraPasswordMinLength $
        zimbraPasswordMaxLength $
        zimbraPasswordMinAge $
        zimbraPasswordMaxAge $
        zimbraPasswordEnforceHistory $
        zimbraPasswordLocked $
        zimbraPop3Enabled $
        zimbraPrefTimeZoneId $
        zimbraPrefHtmlEditorDefaultFontColor $
        zimbraPrefHtmlEditorDefaultFontFamily $
        zimbraPrefHtmlEditorDefaultFontSize $
```

```

        zimbraPrefUseTimeZoneListInCalendar $
        zimbraPrefShowFragments $
        zimbraPrefShowSearchString $
        zimbraPrefCalendarFirstDayOfWeek $
        zimbraPrefCalendarInitialView $
        zimbraPrefCalendarUseQuickAdd $
        zimbraPrefCalendarAlwaysShowMiniCal $
        zimbraPrefCalendarNotifyDelegatedChanges $
        zimbraPrefComposeInNewWindow $
        zimbraPrefComposeFormat $
        zimbraPrefContactsInitialView $
        zimbraPrefDedupeMessagesSentToSelf $
        zimbraPrefForwardReplyInOriginalFormat $
        zimbraPrefSaveToSent $
        zimbraPrefSentMailFolder $
        zimbraPrefGroupMailBy $
        zimbraPrefIncludeSpamInSearch $
        zimbraPrefIncludeTrashInSearch $
        zimbraPrefImapSearchFoldersEnabled $
        zimbraPrefMailInitialSearch $
        zimbraPrefMailItemsPerPage $
        zimbraPrefMailSignatureStyle $
        zimbraPrefContactsPerPage $
        zimbraPrefMessageViewHtmlPreferred $
        zimbraPrefMailPollingInterval $
        zimbraPrefReplyIncludeOriginalText $
        zimbraPrefForwardIncludeOriginalText $
        zimbraPrefForwardReplyPrefixChar $
        zimbraPrefAutoAddAddressEnabled $
        zimbraPrefUseKeyboardShortcuts $
        zimbraZimletAvailableZimlets $
        zimbraProxyAllowedDomains $
        zimbraProxyCacheableContentTypes

    ) )

#####
# zimbraGlobalConfig is the entry that holds all the global configuration
# attrs.
#####
objectclass ( zimbraGlobalConfig
    NAME 'zimbraGlobalConfig'
    DESC 'global config'
    SUP top AUXILIARY
    MAY (
        zimbraAttachmentsBlocked $
        zimbraAttachmentsScanEnabled $
        zimbraAttachmentsScanClass $
        zimbraAttachmentsScanURL $
        zimbraAttachmentsViewInHtmlOnly $
        zimbraAccountClientAttr $
        zimbraCalendarCompatibilityMode $
        zimbraCertAuthorityCertSelfSigned $
        zimbraCertAuthorityKeySelfSigned $
        zimbraComponentAvailable $

```

zimbraCOSInheritedAttr \$  
zimbraDefaultDomainName \$  
zimbraDomainAdminModifiableAttr \$  
zimbraDomainInheritedAttr \$  
zimbraGalLdapFilterDef \$  
zimbraGalLdapAttrMap \$  
zimbraGalMaxResults \$  
zimbraFileUploadMaxSize \$  
zimbraImapServerEnabled \$  
zimbraImapNumThreads \$  
zimbraImapBindPort \$  
zimbraImapBindOnStartup \$  
zimbraImapSSLBindPort \$  
zimbraImapSSLBindOnStartup \$  
zimbraImapSSLServerEnabled \$  
zimbraImapCleartextLoginEnabled \$  
zimbraLastLogonTimestampFrequency \$  
zimbraLmtpNumThreads \$  
zimbraLmtpBindPort \$  
zimbraLmtpBindOnStartup \$  
zimbraLogHostname \$  
zimbraLogRawLifetime \$  
zimbraLogSummaryLifetime \$  
zimbraMessageCacheSize \$  
zimbraMtaAuthEnabled \$  
zimbraMtaAuthHost \$  
zimbraMtaAuthURL \$  
zimbraMtaBlockedExtension \$  
zimbraMtaCommonBlockedExtension \$  
zimbraMtaDnsLookupsEnabled \$  
zimbraMtaMaxMessageSize \$  
zimbraMtaMyNetworks \$  
zimbraMtaRecipientDelimiter \$  
zimbraMtaRelayHost \$  
zimbraMtaRestriction \$  
zimbraMtaTlsAuthOnly \$  
zimbraPop3CleartextLoginEnabled \$  
zimbraPop3NumThreads \$  
zimbraPop3BindPort \$  
zimbraPop3BindOnStartup \$  
zimbraPop3ServerEnabled \$  
zimbraPop3SSLBindPort \$  
zimbraPop3SSLBindOnStartup \$  
zimbraPop3SSLServerEnabled \$  
zimbraRedoLogEnabled \$  
zimbraRedoLogLogPath \$  
zimbraRedoLogArchiveDir \$  
zimbraRedoLogRolloverFileSizeKB \$  
zimbraRedoLogDeleteOnRollover \$  
zimbraRedoLogFsyncIntervalMS \$  
zimbraServerInheritedAttr \$  
zimbraSmtphostname \$  
zimbraSmtpport \$  
zimbraSmtppSendPartial \$



```

        zimbraSmtptTimeout $
        zimbraSpamHeader $
        zimbraSpamHeaderValue $
        zimbraSpamCheckEnabled $
        zimbraSpamKillPercent $
        zimbraSpamSubjectTag $
        zimbraSpamTagPercent $
        zimbraSpamIsSpamAccount $
        zimbraSpamIsNotSpamAccount $
        zimbraSpellCheckURL $
        zimbraSslCaCert $
        zimbraSslCaKey $
        zimbraTableMaintenanceGrowthFactor $
        zimbraTableMaintenanceMinRows $
        zimbraTableMaintenanceMaxRows $
        zimbraTableMaintenanceOperation $
        zimbraAuthTokenKey $
        zimbraMailPort $
        zimbraMailSSLPort $
        zimbraMailMode $
        zimbraAdminPort $
        zimbraVirusBlockEncryptedArchive $
        zimbraVirusCheckEnabled $
        zimbraVirusWarnRecipient $
        zimbraVirusWarnAdmin $
        zimbraVirusDefinitionsUpdateFrequency $
        zimbraRedoLogProvider
    )
)

#####
# zimbraDomain is used to represent a domain in the directory. For example, if
# we created the foo.com domain, then
# the dc=foo,dc=com entry in LDAP would have an objectclass of zimbraDomain.
#
# domain-specific configuration information (if so-needed) could be added
# here.
#
#####
objectclass ( zimbraDomain
    NAME 'zimbraDomain'
    DESC 'Domain object'
    SUP zimbraMailRecipient AUXILIARY
    MUST (
        zimbraId $
        zimbraDomainName $
        zimbraDomainType)
    MAY (
        description $
        zimbraNotes $
        zimbraAuthLdapURL $
        zimbraAuthLdapBindDn $
        zimbraAuthLdapSearchBase $
        zimbraAuthLdapSearchBindDn $
        zimbraAuthLdapSearchBindPassword $

```

```

        zimbraAuthLdapSearchFilter $
        zimbraAuthMech $
        zimbraAuthFallbackToLocal$
        zimbraDomainDefaultCOSId $
        zimbraGalMaxResults $
        zimbraGalMode $
        zimbraGalLdapURL $
        zimbraGalLdapSearchBase $
        zimbraGalLdapBindDn $
        zimbraGalLdapBindPassword $
        zimbraGalLdapAttrMap $
        zimbraGalLdapFilter $
        zimbraPreAuthKey
    ))

```

```
#####
```

```

# zimbraSecurityGroup is used to represent a security group in the directory.
Each zimbraMember attr
# is the zimbraId of the account (and/or group if we allow recursive groups)
that is a member
# of this group.
#

```

```
#####
```

```

objectclass ( zimbraSecurityGroup
    NAME 'zimbraSecurityGroup'
    DESC 'Security Group'
    SUP top STRUCTURAL
    MUST (      zimbraId $
                cn)
    MAY (      zimbraMember $
                zimbraNotes $
                description))

```

```
#####
```

```

# zimbraServer is used to represent a defined server within a zimbra install.
#
# server-specific configuration information will be added here. This includes
information
# like which services should be running on a server, whether or not the server
is normally a master/slave, etc.
#

```

```
#####
```

```

objectclass ( zimbraServer
    NAME 'zimbraServer'
    DESC 'Server in the cluster'
    SUP top STRUCTURAL
    MUST (zimbraId $ cn)
    MAY (
        description $
        zimbraAttachmentsScanURL $
        zimbraFileUploadMaxSize $
        zimbraIsMonitorHost $
        zimbraLmtpAdvertisedName $
        zimbraLmtpBindAddress $
    )

```

zimbraLmtpBindPort \$  
zimbraLmtpBindOnStartup \$  
zimbraLmtpNumThreads \$  
zimbraImapServerEnabled \$  
zimbraImapAdvertisedName \$  
zimbraImapBindAddress \$  
zimbraImapBindPort \$  
zimbraImapBindOnStartup \$  
zimbraImapNumThreads \$  
zimbraImapSSLBindAddress \$  
zimbraImapSSLBindPort \$  
zimbraImapSSLBindOnStartup \$  
zimbraImapSSLServerEnabled \$  
zimbraImapCleartextLoginEnabled \$  
zimbraMessageCacheSize \$  
zimbraMtaAuthEnabled \$  
zimbraMtaAuthHost \$  
zimbraMtaAuthURL \$  
zimbraMtaDnsLookupsEnabled \$  
zimbraMtaMyNetworks \$  
zimbraMtaRelayHost \$  
zimbraMtaTlsAuthOnly \$  
zimbraPop3CleartextLoginEnabled \$  
zimbraPop3AdvertisedName \$  
zimbraPop3BindAddress \$  
zimbraPop3BindPort \$  
zimbraPop3BindOnStartup \$  
zimbraPop3NumThreads \$  
zimbraPop3ServerEnabled \$  
zimbraPop3SSLBindAddress \$  
zimbraPop3SSLBindPort \$  
zimbraPop3SSLBindOnStartup \$  
zimbraPop3SSLServerEnabled \$  
zimbraNotes \$  
zimbraRedoLogEnabled \$  
zimbraRedoLogLogPath \$  
zimbraRedoLogArchiveDir \$  
zimbraRedoLogRolloverFileSizeKB \$  
zimbraRedoLogDeleteOnRollover \$  
zimbraRedoLogFsyncIntervalMS \$  
zimbraServiceHostname \$  
zimbraServiceEnabled \$  
zimbraServiceInstalled \$  
zimbraSmtphostname \$  
zimbraSmtpport \$  
zimbraSmtptimeout \$  
zimbraSmtpsendpartial \$  
zimbraSpellcheckURL \$  
zimbraSshPublicKey \$  
zimbraTableMaintenanceGrowthFactor \$  
zimbraTableMaintenanceMinRows \$  
zimbraTableMaintenanceMaxRows \$  
zimbraTableMaintenanceOperation \$  
zimbraUserServicesEnabled \$

```

        zimbraVirusDefinitionsUpdateFrequency $
        zimbraMailPort $
        zimbraMailSSLPort $
        zimbraMailMode $
        zimbraAdminPort $
        zimbraRedoLogProvider
    ))

#####
# zimbraMimeEntry is used to represent status about mime types
#
#
#####
objectclass ( zimbraMimeEntry
    NAME 'zimbraMimeEntry'
    DESC 'MIME type info'
    SUP top STRUCTURAL
    MUST (
        cn $
        zimbraMimeType $
        zimbraMimeIndexingEnabled)
    MAY (description $
        zimbraMimeFileExtension $
        zimbraMimeHandlerClass $
        zimbraMimeHandlerExtension)
    ))

#####
# zimbraObjectEntry is used to represent status about object types
#
#
#####
objectclass ( zimbraObjectEntry
    NAME 'zimbraObjectEntry'
    DESC 'Object type info'
    SUP top STRUCTURAL
    MUST (
        cn $
        zimbraObjectType $
        zimbraObjectIndexingEnabled $
        zimbraObjectStoreMatched)
    MAY (description $
        zimbraObjectHandlerConfig $
        zimbraObjectHandlerClass)
    ))

#####
# zimbraTimeZone is used to define a timezone with daylight savings time
# rules.  Used in calendar.
#
#####
objectclass ( zimbraTimeZone
    NAME 'zimbraTimeZone'
    DESC 'Time Zone info'

```

```
SUP top STRUCTURAL
MUST (
  cn $
      zimbraTimeZoneStandardDtStart $
      zimbraTimeZoneStandardOffset)
MAY (
      zimbraTimeZoneStandardRRule $
      zimbraTimeZoneDaylightDtStart $
      zimbraTimeZoneDaylightOffset $
      zimbraTimeZoneDaylightRRule
))

#####
# zimbraZimletEntry is used to represent Zimlets
#
#
#####
objectclass ( zimbraZimletEntry
  NAME 'zimbraZimletEntry'
  DESC 'Zimlet info'
  SUP top STRUCTURAL
  MUST (
    cn $
    zimbraZimletEnabled $
    zimbraZimletVersion
  )
  MAY (
    zimbraZimletDescription $
    zimbraZimletHandlerClass $
    zimbraZimletHandlerConfig $
    zimbraZimletIndexingEnabled $
    zimbraZimletIsExtension $
    zimbraZimletKeyword $
    zimbraZimletPriority $
    zimbraZimletScript $
    zimbraZimletServerIndexRegex
  )
)
```

