Zimbra LDAP Schema

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.

This may not be the latest schema. It can be updated at any time. This is the schema as of 1/2/2006.

Note: Before printing this schema, note that it is more than 50 pages long.

```
#
# 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 zimbraMimeHandlerClass ZimbraAttrType:159
```

```
objectIdentifier zimbraMimeFileExtension 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
```

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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 zimbraSmtpSendPartial 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
```

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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 zimbraMimeHandlerExtension 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


################################################################
# 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 'explict 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 (nnnnn[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 ( 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 ( 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
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```
                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 redolog 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 ( zimbraSmtpSendPartial
               NAME 'zimbraSmtpSendPartial'
```

```
                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 beyound 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/substype)'
            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 integerMatch
           SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
           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 $
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 $
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 $
zimbraMtaRecipientDelimiter $
zimbraMtaRelayHost $
zimbraMtaRestriction $
zimbraMtaTlsAuthOnly $
zimbraPop3CleartextLoginEnabled $
zimbraPop3NumThreads $
zimbraPop3BindPort $
zimbraPop3BindOnStartup $
zimbraPop3ServerEnabled $
zimbraPop3SSLBindPort $
zimbraPop3SSLBindOnStartup $
zimbraPop3SSLServerEnabled $
zimbraRedoLogEnabled $
zimbraRedoLogLogPath $
zimbraRedoLogArchiveDir $
zimbraRedoLogRolloverFileSizeKB $
zimbraRedoLogDeleteOnRollover $
zimbraRedoLogFsyncIntervalMS $
zimbraServerInheritedAttr $
zimbraSmtpHostname $
zimbraSmtpPort $
zimbraSmtpSendPartial $
zimbraSmtpTimeout $
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 $
                        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
                        )
            )
```