
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.

Note: This may not be the latest schema. It can be updated at any time. This is the schema as of 3/23/2006.

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

objectIdentifier ZimbraRoot 1.3.6.1.4.1.19348
objectIdentifier ZimbraLDAP ZimbraRoot:2

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

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

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

objectIdentifier zimbraId ZimbraAttrType:1
objectIdentifier zimbraAccountStatus ZimbraAttrType:2
objectIdentifier zimbraMailAddress ZimbraAttrType:3
objectIdentifier zimbraMailHost ZimbraAttrType:4
#objectIdentifier zimbraAttr ZimbraAttrType:8
objectIdentifier zimbraNotes ZimbraAttrType:9
objectIdentifier zimbraMember ZimbraAttrType:10
objectIdentifier zimbraMemberOf ZimbraAttrType:11
objectIdentifier zimbraMailForwardingAddress ZimbraAttrType:12
objectIdentifier zimbraMailDeliveryAddress ZimbraAttrType:13
objectIdentifier zimbraCOSId ZimbraAttrType:14
objectIdentifier zimbraMailStatus ZimbraAttrType:15
objectIdentifier zimbraMailQuota ZimbraAttrType:16
```

objectIdentifier zimbraPrefMailSignature ZimbraAttrType:17
objectIdentifier zimbraPrefMailSignatureEnabled ZimbraAttrType:18
objectIdentifier zimbraDomainName ZimbraAttrType:19
objectIdentifier zimbraMailAlias ZimbraAttrType:20
objectIdentifier zimbraCOSInheritedAttr ZimbraAttrType:21
objectIdentifier zimbraPrefSaveToSent ZimbraAttrType:22
objectIdentifier zimbraLmtpAdvertisedName ZimbraAttrType:23
objectIdentifier zimbraLmtpBindPort ZimbraAttrType:24
objectIdentifier zimbraLmtpBindAddress ZimbraAttrType:25
objectIdentifier zimbraLmtpNumThreads ZimbraAttrType:26
objectIdentifier zimbraIsAdminAccount ZimbraAttrType:31
objectIdentifier zimbraMailSieveScript ZimbraAttrType:32
objectIdentifier zimbraPasswordMinLength ZimbraAttrType:33
objectIdentifier zimbraPasswordMaxLength ZimbraAttrType:34
objectIdentifier zimbraPasswordMinAge ZimbraAttrType:35
objectIdentifier zimbraPasswordMaxAge ZimbraAttrType:36
objectIdentifier zimbraPasswordEnforceHistory ZimbraAttrType:37
objectIdentifier zimbraPasswordHistory ZimbraAttrType:38
objectIdentifier zimbraPasswordModifiedTime ZimbraAttrType:39
objectIdentifier zimbraAliasTargetId ZimbraAttrType:40
objectIdentifier zimbraPasswordMustChange ZimbraAttrType:41
objectIdentifier zimbraAuthMech ZimbraAttrType:42
objectIdentifier zimbraAuthLdapURL ZimbraAttrType:43
objectIdentifier zimbraAuthLdapBindDn ZimbraAttrType:44
objectIdentifier zimbraPasswordLocked ZimbraAttrType:45
objectIdentifier zimbraGalMode ZimbraAttrType:46
objectIdentifier zimbraGalLdapURL ZimbraAttrType:47
objectIdentifier zimbraGalLdapSearchBase ZimbraAttrType:48
objectIdentifier zimbraGalLdapBindDn ZimbraAttrType:49
objectIdentifier zimbraGalLdapBindPassword ZimbraAttrType:50
objectIdentifier zimbraGalLdapFilter ZimbraAttrType:51
objectIdentifier zimbraGalLdapFilterDef ZimbraAttrType:52
objectIdentifier zimbraGalMaxResults ZimbraAttrType:53
objectIdentifier zimbraPrefGroupMailBy ZimbraAttrType:54
objectIdentifier zimbraPrefIncludeSpamInSearch ZimbraAttrType:55
objectIdentifier zimbraPrefIncludeTrashInSearch ZimbraAttrType:56
objectIdentifier zimbraPrefMailItemsPerPage ZimbraAttrType:57
objectIdentifier zimbraPrefOutOfOfficeReply ZimbraAttrType:58
objectIdentifier zimbraPrefOutOfOfficeReplyEnabled ZimbraAttrType:59
objectIdentifier zimbraPrefReplyToAddress ZimbraAttrType:60
objectIdentifier zimbraPrefUseKeyboardShortcuts ZimbraAttrType:61
objectIdentifier zimbraServerInheritedAttr ZimbraAttrType:62
objectIdentifier zimbraDomainInheritedAttr ZimbraAttrType:63
#objectIdentifier zimbraService ZimbraAttrType:64
objectIdentifier zimbraServiceHostname ZimbraAttrType:65
objectIdentifier zimbraRedoLogEnabled ZimbraAttrType:74
objectIdentifier zimbraRedoLogLogPath ZimbraAttrType:75
objectIdentifier zimbraRedoLogArchiveDir ZimbraAttrType:76
objectIdentifier zimbraRedoLogRolloverFileSizeKB ZimbraAttrType:78
objectIdentifier zimbraRedoLogFsyncIntervalMS ZimbraAttrType:79
objectIdentifier zimbraPop3AdvertisedName ZimbraAttrType:93
objectIdentifier zimbraPop3BindPort ZimbraAttrType:94
objectIdentifier zimbraPop3BindAddress ZimbraAttrType:95
objectIdentifier zimbraPop3NumThreads ZimbraAttrType:96

objectIdentifier zimbraSmtphostname ZimbraAttrType:97
objectIdentifier zimbraSmtpport ZimbraAttrType:98
objectIdentifier zimbraSmtptimeout ZimbraAttrType:99
objectIdentifier zimbraAuthTokenKey ZimbraAttrType:100
objectIdentifier zimbraPrefMailInitialSearch ZimbraAttrType:102
objectIdentifier zimbraPrefSentMailFolder ZimbraAttrType:103
objectIdentifier zimbraMailTrashLifetime ZimbraAttrType:104
objectIdentifier zimbraMailSpamLifetime ZimbraAttrType:105
objectIdentifier zimbraMailMessageLifetime ZimbraAttrType:106
objectIdentifier zimbraContactMaxNumEntries ZimbraAttrType:107
objectIdentifier zimbraAuthTokenLifetime ZimbraAttrType:108
objectIdentifier zimbraAdminAuthTokenLifetime ZimbraAttrType:109
objectIdentifier zimbraMailMinPollingInterval ZimbraAttrType:110
objectIdentifier zimbraPrefMailPollingInterval ZimbraAttrType:111
objectIdentifier zimbraAccountClientAttr ZimbraAttrType:112
objectIdentifier zimbraLastLogonTimestamp ZimbraAttrType:113
objectIdentifier zimbraLastLogonTimestampFrequency ZimbraAttrType:114
objectIdentifier zimbraAttachmentsBlocked ZimbraAttrType:115
objectIdentifier zimbraAttachmentsViewInHtmlOnly ZimbraAttrType:116
objectIdentifier zimbraMailHostPool ZimbraAttrType:125
objectIdentifier zimbraPrefNewMailNotificationEnabled ZimbraAttrType:126
objectIdentifier zimbraPrefNewMailNotificationAddress ZimbraAttrType:127
objectIdentifier zimbraPrefForwardReplyPrefixChar ZimbraAttrType:130
objectIdentifier zimbraPrefAutoAddAddressEnabled ZimbraAttrType:131
objectIdentifier zimbraIsMonitorHost ZimbraAttrType:132
objectIdentifier zimbraPrefReplyIncludeOriginalText ZimbraAttrType:133
objectIdentifier zimbraPrefForwardIncludeOriginalText ZimbraAttrType:134
objectIdentifier zimbraFeatureContactsEnabled ZimbraAttrType:135
objectIdentifier zimbraFeatureCalendarEnabled ZimbraAttrType:136
objectIdentifier zimbraFeatureTaggingEnabled ZimbraAttrType:137
objectIdentifier zimbraFeatureAdvancedSearchEnabled ZimbraAttrType:138
objectIdentifier zimbraFeatureSavedSearchesEnabled ZimbraAttrType:139
objectIdentifier zimbraFeatureConversationsEnabled ZimbraAttrType:140
objectIdentifier zimbraFeatureChangePasswordEnabled ZimbraAttrType:141
objectIdentifier zimbraFeatureInitialSearchPreferenceEnabled
ZimbraAttrType:142
objectIdentifier zimbraFeatureFiltersEnabled ZimbraAttrType:143
objectIdentifier zimbraPrefDedupeMessagesSentToSelf ZimbraAttrType:144
objectIdentifier zimbraPrefMessageViewHtmlPreferred ZimbraAttrType:145
objectIdentifier zimbraUserServicesEnabled ZimbraAttrType:146
objectIdentifier zimbraMailIdleSessionTimeout ZimbraAttrType:147
objectIdentifier zimbraPrefContactsPerPage ZimbraAttrType:148
objectIdentifier zimbraFeatureGalEnabled ZimbraAttrType:149
objectIdentifier zimbraNewMailNotificationFrom ZimbraAttrType:150
objectIdentifier zimbraNewMailNotificationSubject ZimbraAttrType:151
objectIdentifier zimbraNewMailNotificationBody ZimbraAttrType:152
objectIdentifier zimbraGalLdapAttrMap ZimbraAttrType:153
objectIdentifier zimbraMailPort ZimbraAttrType:154
objectIdentifier zimbraAdminPort ZimbraAttrType:155
objectIdentifier zimbraPrefMailSignatureStyle ZimbraAttrType:156
objectIdentifier zimbraMimeType ZimbraAttrType:157
objectIdentifier zimbraMimeIndexingEnabled ZimbraAttrType:158
objectIdentifier 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
objectIdentifier zimbraMailCatchAllForwardingAddress ZimbraAttrType:215

objectIdentifier zimbraMailCatchAllCanonicalAddress ZimbraAttrType:216
objectIdentifier zimbraPrefComposeFormat ZimbraAttrType:217
objectIdentifier zimbraPrefForwardReplyInOriginalFormat ZimbraAttrType:218
objectIdentifier zimbraFeatureHtmlComposeEnabled ZimbraAttrType:219
objectIdentifier zimbraServiceEnabled ZimbraAttrType:220
objectIdentifier zimbraServiceInstalled ZimbraAttrType:221
objectIdentifier zimbraPrefShowSearchString ZimbraAttrType:222
objectIdentifier zimbraRedoLogProvider ZimbraAttrType:225
objectIdentifier zimbraMtaRestriction ZimbraAttrType:226
objectIdentifier zimbraFileUploadMaxSize ZimbraAttrType:227
objectIdentifier zimbraTimeZoneStandardDtStart ZimbraAttrType:229
objectIdentifier zimbraTimeZoneStandardOffset ZimbraAttrType:230
objectIdentifier zimbraTimeZoneStandardRRule ZimbraAttrType:231
objectIdentifier zimbraTimeZoneDaylightDtStart ZimbraAttrType:232
objectIdentifier zimbraTimeZoneDaylightOffset ZimbraAttrType:233
objectIdentifier zimbraTimeZoneDaylightRRule ZimbraAttrType:234
objectIdentifier zimbraPrefTimeZoneId ZimbraAttrType:235
objectIdentifier zimbraPrefUseTimeZoneListInCalendar ZimbraAttrType:236
objectIdentifier zimbraAttachmentsScanEnabled ZimbraAttrType:237
objectIdentifier zimbraAttachmentsScanClass ZimbraAttrType:238
objectIdentifier zimbraAttachmentsScanURL ZimbraAttrType:239
objectIdentifier zimbraPrefCalendarInitialView ZimbraAttrType:240
objectIdentifier zimbraPrefImapSearchFoldersEnabled ZimbraAttrType:241
objectIdentifier zimbraComponentAvailable ZimbraAttrType:242
objectIdentifier zimbraCalendarCompatibilityMode ZimbraAttrType:243
objectIdentifier zimbraSpamIsSpamAccount ZimbraAttrType:244
objectIdentifier zimbraSpamIsNotSpamAccount ZimbraAttrType:245
objectIdentifier zimbraMailTransport ZimbraAttrType:247
objectIdentifier zimbraSmtplibSendPartial ZimbraAttrType:249
objectIdentifier zimbraLogHostname ZimbraAttrType:250
objectIdentifier zimbraRedoLogDeleteOnRollover ZimbraAttrType:251
objectIdentifier zimbraAuthLdapSearchBase ZimbraAttrType:252
objectIdentifier zimbraAuthLdapSearchBindDn ZimbraAttrType:253
objectIdentifier zimbraAuthLdapSearchBindPassword ZimbraAttrType:254
objectIdentifier zimbraAuthLdapSearchFilter ZimbraAttrType:255
objectIdentifier zimbraAuthLdapExternalDn ZimbraAttrType:256
objectIdentifier zimbraAuthFallbackToLocal ZimbraAttrType:257
objectIdentifier zimbraPrefHtmlEditorDefaultFontFamily ZimbraAttrType:258
objectIdentifier zimbraPrefHtmlEditorDefaultFontSize ZimbraAttrType:259
objectIdentifier zimbraPrefHtmlEditorDefaultFontColor ZimbraAttrType:260
objectIdentifier zimbraPrefCalendarFirstDayOfWeek ZimbraAttrType:261
objectIdentifier zimbraSshPublicKey ZimbraAttrType:262
objectIdentifier zimbraLogRawLifetime ZimbraAttrType:263
objectIdentifier zimbraLogSummaryLifetime ZimbraAttrType:264
objectIdentifier zimbraSpellCheckURL ZimbraAttrType:267
objectIdentifier zimbraImapBindOnStartup ZimbraAttrType:268
objectIdentifier zimbraImapSSLBindOnStartup ZimbraAttrType:269
objectIdentifier zimbraLmtpBindOnStartup ZimbraAttrType:270
objectIdentifier zimbraPop3BindOnStartup ZimbraAttrType:271
objectIdentifier zimbraPop3SSLBindOnStartup ZimbraAttrType:272
objectIdentifier zimbraPrefCalendarNotifyDelegatedChanges ZimbraAttrType:273
objectIdentifier zimbraPrefCalendarUseQuickAdd ZimbraAttrType:274
objectIdentifier zimbraPrefCalendarInitialCheckedCalendars ZimbraAttrType:275
objectIdentifier zimbraPrefCalendarAlwaysShowMiniCal ZimbraAttrType:276

objectIdentifier zimbraSslCaCert ZimbraAttrType:277
objectIdentifier zimbraSslCaKey ZimbraAttrType:278
objectIdentifier zimbraCertAuthorityKeySelfSigned ZimbraAttrType:279
objectIdentifier zimbraCertAuthorityCertSelfSigned ZimbraAttrType:280
objectIdentifier zimbraZimletKeyword ZimbraAttrType:281
objectIdentifier zimbraZimletVersion ZimbraAttrType:282
objectIdentifier zimbraZimletDescription ZimbraAttrType:283
objectIdentifier zimbraZimletIndexingEnabled ZimbraAttrType:284
objectIdentifier zimbraZimletStoreMatched ZimbraAttrType:285
objectIdentifier zimbraZimletHandlerClass ZimbraAttrType:286
objectIdentifier zimbraZimletHandlerConfig ZimbraAttrType:287
objectIdentifier zimbraZimletContentObject ZimbraAttrType:288
objectIdentifier zimbraZimletPanelItem ZimbraAttrType:289
objectIdentifier zimbraZimletScript ZimbraAttrType:290
objectIdentifier zimbraZimletAvailableZimlets ZimbraAttrType:291
objectIdentifier zimbraZimletServerIndexRegex ZimbraAttrType:292
objectIdentifier 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
objectIdentifier zimbraMtaMyNetworks ZimbraAttrType:311
objectIdentifier zimbraFeatureViewInHtmlEnabled ZimbraAttrType:312
objectIdentifier zimbraAccountCalendarUserType ZimbraAttrType:313
objectIdentifier zimbraCalResType ZimbraAttrType:314
objectIdentifier zimbraCalResAutoAcceptDecline ZimbraAttrType:315
objectIdentifier zimbraCalResAutoDeclineIfBusy ZimbraAttrType:322
objectIdentifier zimbraCalResAutoDeclineRecurring ZimbraAttrType:323
objectIdentifier zimbraCalResLocationDisplayName ZimbraAttrType:324
objectIdentifier zimbraCalResSite ZimbraAttrType:326
objectIdentifier zimbraCalResBuilding ZimbraAttrType:327
objectIdentifier zimbraCalResFloor ZimbraAttrType:328
objectIdentifier zimbraCalResRoom ZimbraAttrType:329
objectIdentifier zimbraCalResCapacity ZimbraAttrType:330
objectIdentifier zimbraCalResContactName ZimbraAttrType:331
objectIdentifier zimbraCalResContactEmail ZimbraAttrType:332
objectIdentifier zimbraCalResContactPhone ZimbraAttrType:333
objectIdentifier zimbraMessageIdDedupeCacheSize ZimbraAttrType:334
objectIdentifier zimbraFeatureSharingEnabled ZimbraAttrType:335
objectIdentifier zimbraRemoteManagementCommand ZimbraAttrType:336
objectIdentifier zimbraRemoteManagementUser ZimbraAttrType:337

```

objectIdentifier zimbraRemoteManagementPrivateKeyPath ZimbraAttrType:338
objectIdentifier zimbraRemoteManagementPort ZimbraAttrType:339
objectIdentifier zimbraPrefCalendarApptReminderWarningTime ZimbraAttrType:341
objectIdentifier zimbraFeatureMailForwardingEnabled ZimbraAttrType:342
objectIdentifier zimbraPrefMailForwardingAddress ZimbraAttrType:343
objectIdentifier zimbraPrefMailLocalDeliveryDisabled ZimbraAttrType:344

```

```

#####
# 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
objectIdentifier zimbraCalendarResource ZimbraObjectClass:16

```

```
# 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 additional components that have been installed'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64} )

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

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

attributetype ( zimbraAdminAuthTokenLifetime
    NAME 'zimbraAdminAuthTokenLifetime'
```

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

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

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

```
attributetype ( zimbraAttachmentsIndexingEnabled  
  NAME 'zimbraAttachmentsIndexingEnabled'  
  DESC 'whether or not to index attachemts'  
  EQUALITY booleanMatch  
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7  
  SINGLE-VALUE )
```

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

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

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

```
attributetype ( zimbraAttachmentsScanURL  
  NAME 'zimbraAttachmentsScanURL'  
  DESC 'Data for class that scans attachments during compose'  
  EQUALITY caseIgnoreMatch  
  SUBSTR caseIgnoreSubstringsMatch
```

```
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
SINGLE-VALUE )
```

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

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

```
attributetype ( zimbraAuthLdapURL
  NAME 'zimbraAuthLdapURL'
  DESC 'LDAP URL for ldap auth mech'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
  )
```

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

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

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

```
attributetype ( zimbraAuthLdapSearchFilter
  NAME 'zimbraAuthLdapSearchFilter'
  DESC 'LDAP search filter for ldap auth mech'
  EQUALITY caseIgnoreMatch
```

```
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
SINGLE-VALUE )
```

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

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

```
attributetype ( zimbraAuthTokenKey
  NAME 'zimbraAuthTokenKey'
  DESC 'auth token secret key'
  EQUALITY octetStringMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.40{128}
  )
```

```
attributetype ( zimbraAuthTokenLifetime
  NAME 'zimbraAuthTokenLifetime'
  DESC 'lifetime (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 ( zimbraFeatureMailForwardingEnabled
  NAME 'zimbraFeatureMailForwardingEnabled'
  DESC 'enable end-user mail forwarding 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 ( zimbraFeatureSharingEnabled
  NAME 'zimbraFeatureSharingEnabled'
  DESC 'enabled sharing'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )

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

```
SINGLE-VALUE )
```

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

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

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

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

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

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

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

```
SINGLE-VALUE )
```

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

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

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

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

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

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

```
attributetype ( zimbraImapBindPort
  NAME ( 'zimbraImapBindPort' )
```

```
DESC 'port number on which IMAP server should listen'  
EQUALITY integerMatch  
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27  
SINGLE-VALUE )
```

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

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

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

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

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

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

```
attributetype ( zimbraImapSSLBindOnStartup  
  NAME 'zimbraImapSSLBindOnStartup'
```

```
DESC 'Whether to bind to port on startup irrespective of whether
the server is enabled. Useful when port to bind is privileged and must be
bound early.'
```

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

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

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

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

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

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

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

```
attributetype ( zimbraLastLogonTimestampFrequency
NAME 'zimbraLastLogonTimestampFrequency'
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

```
attributetype ( zimbraPrefCalendarApptReminderWarningTime
    NAME 'zimbraPrefCalendarApptReminderWarningTime'
```

```
DESC 'number of minutes (0 = never) before appt to show reminder
dialog'
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
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 ( zimbraPrefMailForwardingAddress
  NAME 'zimbraPrefMailForwardingAddress'
  DESC 'RFC822 forwarding address for an account'
  EQUALITY caseIgnoreIA5Match
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
  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 ( zimbraMessageIdDedupeCacheSize
    NAME 'zimbraMessageIdDedupeCacheSize'
    DESC 'Size of cache for delivery time dedupe based on Message-Id
header. Set to 0 to disable this type of deduping.'
    EQUALITY integerMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
    SINGLE-VALUE )
```

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

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

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

```
attributetype ( zimbraMtaDnsLookupsEnabled
    NAME 'zimbraMtaDnsLookupsEnabled'
    DESC 'Value for postconf disable_dns_lookups (note enable v.
disable)'
```

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

```
attributetype ( zimbraMtaMaxMessageSize
  NAME 'zimbraMtaMaxMessageSize'
  DESC 'Value for postconf message_size_limit'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )
```

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

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

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

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

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

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

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

attributetype ( zimbraNotes
    NAME 'zimbraNotes'
    DESC 'administrative notes'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{1024}
    SINGLE-VALUE )

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

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

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

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

attributetype ( zimbraPasswordLocked
    NAME 'zimbraPasswordLocked'
    DESC 'user is unable to change password'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
```

```
SINGLE-VALUE )
```

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

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

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

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

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

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

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

```
attributetype ( zimbraPop3AdvertisedName
  NAME ( 'zimbraPop3AdvertisedName' )
```

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

attributetype ( zimbraPop3CleartextLoginEnabled
NAME 'zimbraPop3CleartextLoginEnabled'
DESC 'whether or not to allow cleartext logins over a non SSL/TLS
connection'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )

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

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

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

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

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

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

attributetype ( zimbraPop3SSLBindAddress
    NAME ( 'zimbraPop3SSLBindAddress' )
    DESC 'interface address(es) on which POP3 server should listen; if
empty, binds to all interfaces'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{128}
    )

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

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

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

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

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

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

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

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

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

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

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

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

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

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

attributetype ( zimbraPrefMailLocalDeliveryDisabled
  NAME 'zimbraPrefMailLocalDeliveryDisabled'
  DESC 'whether or not to deliver mail locally'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )

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

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

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

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

attributetype ( zimbraPrefOutOfOfficeReplyEnabled
  NAME 'zimbraPrefOutOfOfficeReplyEnabled'
```

```
DESC 'whether or not out of office reply is enabled'  
EQUALITY booleanMatch  
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7  
SINGLE-VALUE )
```

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

```
attributetype ( zimbraPrefSaveToSent  
  NAME 'zimbraPrefSaveToSent'  
  DESC 'whether or not to save outgoing mail'  
  EQUALITY booleanMatch  
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7  
  SINGLE-VALUE )
```

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

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

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

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

```
attributetype ( zimbraRedoLogArchiveDir  
  NAME 'zimbraRedoLogArchiveDir'  
  DESC 'redolog rollover destination'  
  EQUALITY caseIgnoreMatch  
  SUBSTR caseIgnoreSubstringsMatch
```

```
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
SINGLE-VALUE )
```

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

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

```
attributetype ( zimbraRedoLogLogPath
  NAME 'zimbraRedoLogLogPath'
  DESC 'name and location of the 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 ( zimbraRemoteManagementCommand
  NAME 'zimbraRemoteManagementCommand'
  DESC 'Path to remote management command to execute on this server'
  EQUALITY caseIgnoreIA5Match
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{1024}
  SINGLE-VALUE )
```

```
attributetype ( zimbraRemoteManagementUser
  NAME 'zimbraRemoteManagementUser'
  DESC 'Login name of user allowed to execute remote management
command'
  EQUALITY caseIgnoreIA5Match
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
  SINGLE-VALUE )
```

```
attributetype ( zimbraRemoteManagementPrivateKeyPath
    NAME 'zimbraRemoteManagementPrivateKeyPath'
    DESC 'Private key this server should use to access another server'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{1024}
    SINGLE-VALUE )
```

```
attributetype ( zimbraRemoteManagementPort
    NAME 'zimbraRemoteManagementPort'
    DESC 'Port on which remote management sshd listening on this
server.'
```

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

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

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

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

```
attributetype ( zimbraSpamTagPercent
  NAME 'zimbraSpamTagPercent'
  DESC 'Spaminess percentage beyond which a message is marked as
spam'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )
```

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

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

attributetype ( zimbraSshPublicKey
    NAME 'zimbraSshPublicKey'
    DESC 'Public key of this server, used by other hosts to authorize
this server to login.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{2048}
    SINGLE-VALUE )

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

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

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

attributetype ( zimbraCertAuthorityKeySelfSigned
    NAME 'zimbraCertAuthorityKeySelfSigned'
    DESC 'Please see the documentation for the attribute
zimbraCertAuthorityCertSelfSigned. In addition, please
note that this attribute is provided at install for
convenience during a test install without real certs
issued by well known CAs. If you choose to create your
own CA for your production uses, please note that it is
a bad idea to store your CA-s private key in LDAP, as this
data maybe read from zimbraGlobalConfig in the clear.'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{2048}
```

SINGLE-VALUE)

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

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

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

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

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

```
attributetype ( zimbraMailMode
  NAME 'zimbraMailMode'
  DESC 'whether to run HTTP or HTTPS or both or mixed mode. See
also related attributes zimbraMailPort and zimbraMailSSLPort'
  EQUALITY caseIgnoreMatch
  SUBSTR caseIgnoreSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{64}
  SINGLE-VALUE )
```

```
attributetype ( zimbraAdminPort
  NAME 'zimbraAdminPort'
  DESC 'SSL port for admin UI'
```

```
EQUALITY integerMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )

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

# mime

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

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

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

attributetype ( zimbraMimeHandlerExtension
  NAME ( 'zimbraMimeHandlerExtension' )
  DESC 'the name of the zimbra extension where the handler class for
the mime type lives'
  EQUALITY caseExactMatch
  SUBSTR caseExactSubstringsMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
  SINGLE-VALUE )

attributetype ( zimbraMimeIndexingEnabled
  NAME 'zimbraMimeIndexingEnabled'
  DESC 'whether or not indexing is enabled for this type'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
```

```
SINGLE-VALUE )

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

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

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

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

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

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

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

attributetype ( zimbraTableMaintenanceMaxRows
  NAME 'zimbraTableMaintenanceMaxRows'
  DESC 'maximum number of rows required for database table
maintenance'
```

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

attributetype ( zimbraPrefTimeZoneId
    NAME 'zimbraPrefTimeZoneId'
    DESC 'time zone of user or COS'
    EQUALITY caseIgnoreMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256} )

attributetype ( zimbraPrefUseTimeZoneListInCalendar
    NAME 'zimbraPrefUseTimeZoneListInCalendar'
    DESC 'whether list of well known time zones is displayed in
calendar UI'
    EQUALITY booleanMatch
```

```
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )

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

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

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

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

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

attributetype ( zimbraZimletIndexingEnabled
    NAME 'zimbraZimletIndexingEnabled'
    DESC 'Whether server side keyword indexing enabled'
    EQUALITY booleanMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
    SINGLE-VALUE )

attributetype ( zimbraZimletStoreMatched
    NAME 'zimbraZimletStoreMatched'
    DESC 'Whether store is matched for this type'
```

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

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

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

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

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

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

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

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

```
attributetype ( zimbraZimletServerIndexRegex
```

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

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

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

```
attributetype ( zimbraAccountCalendarUserType  
  NAME 'zimbraAccountCalendarUserType'  
  DESC 'calendar user type - USER (default) or RESOURCE'  
  EQUALITY caseIgnoreMatch  
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}  
  SINGLE-VALUE )
```

```
attributetype ( zimbraCalResType  
  NAME 'zimbraCalResType'  
  DESC 'calendar resource type - Location, Equipment, etc.'  
  EQUALITY caseIgnoreMatch  
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}  
  SINGLE-VALUE )
```

```
attributetype ( zimbraCalResAutoAcceptDecline  
  NAME 'zimbraCalResAutoAcceptDecline'  
  DESC 'Whether this calendar resource accepts/declines meeting  
invites automatically; default TRUE'  
  EQUALITY booleanMatch  
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7  
  SINGLE-VALUE )
```

```
attributetype ( zimbraCalResAutoDeclineIfBusy  
  NAME 'zimbraCalResAutoDeclineIfBusy'  
  DESC 'Whether this calendar resource declines invite if already  
busy; default TRUE'  
  EQUALITY booleanMatch  
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7  
  SINGLE-VALUE )
```

```
attributetype ( zimbraCalResAutoDeclineRecurring  
  NAME 'zimbraCalResAutoDeclineRecurring'
```

```
DESC 'Whether this calendar resource declines invites to recurring
appointments; default FALSE'
EQUALITY booleanMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
SINGLE-VALUE )
```

```
attributetype ( zimbraCalResLocationDisplayName
NAME 'zimbraCalResLocationDisplayName'
DESC 'display name for resource location'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
SINGLE-VALUE )
```

```
attributetype ( zimbraCalResSite
NAME 'zimbraCalResSite'
DESC 'site name'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
SINGLE-VALUE )
```

```
attributetype ( zimbraCalResBuilding
NAME 'zimbraCalResBuilding'
DESC 'building number or name'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
SINGLE-VALUE )
```

```
attributetype ( zimbraCalResFloor
NAME 'zimbraCalResFloor'
DESC 'floor number or name'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
SINGLE-VALUE )
```

```
attributetype ( zimbraCalResRoom
NAME 'zimbraCalResRoom'
DESC 'room number or name'
EQUALITY caseIgnoreMatch
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{32}
SINGLE-VALUE )
```

```
attributetype ( zimbraCalResCapacity
NAME 'zimbraCalResCapacity'
DESC 'capacity'
EQUALITY integerMatch
ORDERING integerOrderingMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
SINGLE-VALUE )
```

```

attributetype ( zimbraCalResContactName
    NAME 'zimbraCalResContactName'
    DESC 'name of contact in charge of resource'
    EQUALITY caseIgnoreMatch
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.15{256}
    SINGLE-VALUE )

```

```

attributetype ( zimbraCalResContactEmail
    NAME 'zimbraCalResContactEmail'
    DESC 'email of contact in charge of resource'
    EQUALITY caseIgnoreIA5Match
    SUBSTR caseIgnoreSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
    SINGLE-VALUE )

```

```

attributetype ( zimbraCalResContactPhone
    NAME 'zimbraCalResContactPhone'
    DESC 'phone number of contact in charge of resource'
    EQUALITY telephoneNumberMatch
    SUBSTR telephoneNumberSubstringsMatch
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.50{32}
    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
# street      - 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 $

```

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

```
zimbraPrefHtmlEditorDefaultFontColor $
zimbraPrefHtmlEditorDefaultFontFamily $
zimbraPrefHtmlEditorDefaultFontSize $
zimbraPrefForwardReplyInOriginalFormat $
zimbraPrefAutoAddAddressEnabled $
zimbraPrefShowFragments $
zimbraPrefShowSearchString $
zimbraPrefCalendarApptReminderWarningTime $
zimbraPrefCalendarFirstDayOfWeek $
zimbraPrefCalendarInitialView $
zimbraPrefCalendarInitialCheckedCalendars $
zimbraPrefCalendarUseQuickAdd $
zimbraPrefCalendarAlwaysShowMiniCal $
zimbraPrefCalendarNotifyDelegatedChanges $
zimbraPrefContactsInitialView $
zimbraPrefDedupeMessagesSentToSelf $
zimbraPrefForwardIncludeOriginalText $
zimbraPrefForwardReplyPrefixChar $
zimbraPrefGroupMailBy $
zimbraPrefImapSearchFoldersEnabled $
zimbraPrefIncludeSpamInSearch $
zimbraPrefIncludeTrashInSearch $
zimbraPrefMailInitialSearch $
zimbraPrefMailItemsPerPage $
zimbraPrefContactsPerPage $
zimbraPrefMailForwardingAddress $
zimbraPrefMessageViewHtmlPreferred $
zimbraPrefMailLocalDeliveryDisabled $
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 $
        zimbraFeatureMailForwardingEnabled $
        zimbraFeatureHtmlComposeEnabled $
        zimbraFeatureTaggingEnabled $
        zimbraFeatureAdvancedSearchEnabled $
        zimbraFeatureSavedSearchesEnabled $
        zimbraFeatureSharingEnabled $
        zimbraFeatureConversationsEnabled $
        zimbraFeatureChangePasswordEnabled $
        zimbraFeatureInitialSearchPreferenceEnabled $
        zimbraFeatureFiltersEnabled $
        zimbraImapEnabled $
        zimbraFeatureViewInHtmlEnabled $
        zimbraNotes $
        zimbraMailHostPool $
        zimbraMailIdleSessionTimeout $
        zimbraMailMinPollingInterval $
        zimbraMailMessageLifetime $
        zimbraMailQuota $
        zimbraMailTrashLifetime $
        zimbraMailSpamLifetime $
        zimbraNewMailNotificationFrom $
        zimbraNewMailNotificationSubject $
        zimbraNewMailNotificationBody $
        zimbraPasswordMinLength $
        zimbraPasswordMaxLength $
        zimbraPasswordMinAge $
        zimbraPasswordMaxAge $
        zimbraPasswordEnforceHistory $
        zimbraPasswordLocked $
        zimbraPop3Enabled $
        zimbraPrefTimeZoneId $
        zimbraPrefHtmlEditorDefaultFontColor $
```

```

        zimbraPrefHtmlEditorDefaultFontFamily $
        zimbraPrefHtmlEditorDefaultFontSize $
        zimbraPrefUseTimeZoneListInCalendar $
        zimbraPrefShowFragments $
        zimbraPrefShowSearchString $
        zimbraPrefCalendarApptReminderWarningTime $
        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 \$
zimbraMessageIdDedupeCacheSize \$
zimbraMtaAuthEnabled \$
zimbraMtaAuthHost \$
zimbraMtaAuthURL \$
zimbraMtaBlockedExtension \$
zimbraMtaCommonBlockedExtension \$
zimbraMtaDnsLookupsEnabled \$
zimbraMtaMaxMessageSize \$
zimbraMtaMyNetworks \$
zimbraMtaRecipientDelimiter \$
zimbraMtaRelayHost \$
zimbraMtaRestriction \$
zimbraMtaTlsAuthOnly \$
zimbraPop3CleartextLoginEnabled \$
zimbraPop3NumThreads \$
zimbraPop3BindPort \$
zimbraPop3BindOnStartup \$
zimbraPop3ServerEnabled \$
zimbraPop3SSLBindPort \$
zimbraPop3SSLBindOnStartup \$
zimbraPop3SSLServerEnabled \$
zimbraRedoLogEnabled \$
zimbraRedoLogLogPath \$
zimbraRedoLogArchiveDir \$
zimbraRedoLogRolloverFileSizeKB \$
zimbraRedoLogDeleteOnRollover \$
zimbraRedoLogFsyncIntervalMS \$

```

zimbraRemoteManagementCommand $
zimbraRemoteManagementUser $
zimbraRemoteManagementPrivateKeyPath $
zimbraRemoteManagementPort $
    zimbraServerInheritedAttr $
    zimbraSmtphostname $
    zimbraSmtpport $
    zimbraSmtppartial $
    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 $
    zimbraMtaMyNetworks $
    zimbraMtaRelayHost $
    zimbraMtaTlsAuthOnly $
    zimbraPop3CleartextLoginEnabled $
    zimbraPop3AdvertisedName $
    zimbraPop3BindAddress $
    zimbraPop3BindPort $
    zimbraPop3BindOnStartup $
    zimbraPop3NumThreads $
    zimbraPop3ServerEnabled $
    zimbraPop3SSLBindAddress $
    zimbraPop3SSLBindPort $
    zimbraPop3SSLBindOnStartup $
    zimbraPop3SSLServerEnabled $
    zimbraNotes $
    zimbraRedoLogEnabled $
    zimbraRedoLogLogPath $
    zimbraRedoLogArchiveDir $
    zimbraRedoLogRolloverFileSizeKB $
    zimbraRedoLogDeleteOnRollover $
    zimbraRedoLogFsyncIntervalMS $
    zimbraRemoteManagementCommand $
    zimbraRemoteManagementUser $
    zimbraRemoteManagementPrivateKeyPath $
    zimbraRemoteManagementPort $
    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
    )
)

#####
```

```
#
# zimbraCalendarResource is used to represent a calendar resource
# This objectclass should be mixed in to a zimbraAccount entry.
#
#####
objectclass ( zimbraCalendarResource
    NAME 'zimbraCalendarResource'
    DESC 'Calendar resource object'
    SUP top AUXILIARY
    MUST (
        zimbraId $
        displayName $
        zimbraAccountCalendarUserType $
        zimbraCalResType
    )
    MAY (
        zimbraCalResAutoAcceptDecline $
        zimbraCalResAutoDeclineIfBusy $
        zimbraCalResAutoDeclineRecurring $
        zimbraCalResLocationDisplayName $
        zimbraCalResSite $
        zimbraCalResBuilding $
        zimbraCalResFloor $
        zimbraCalResRoom $
        zimbraCalResCapacity $
        zimbraCalResContactName $
        zimbraCalResContactEmail $
        zimbraCalResContactPhone
    )
)
```

