
Zimbra LDAP Schema

This appendix is the custom LDAP schema for the Zimbra Collaboration Suite implementation. This schema is build 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, as it can be updated at any time. This schema is dated November 9, 2005.

```
#
# #
# 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

#####
# 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

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

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

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

attributetype ( zimbraPrefCalendarAlwaysShowMiniCal
    NAME 'zimbraPrefCalendarAlwaysShowMiniCal'
```

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

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

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

```
attributetype ( zimbraPrefForwardReplyInOriginalFormat
  NAME 'zimbraPrefForwardReplyInOriginalFormat'
  DESC 'whether or not to use same format (text or html) of message
we are replying to'
  EQUALITY booleanMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.7
  SINGLE-VALUE )
```

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

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

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

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

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

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

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

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

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

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

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

attributetype ( zimbraPrefReplyIncludeOriginalText
    NAME 'zimbraPrefReplyIncludeOriginalText'
```

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

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

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

attributetype ( zimbraMailQuota
  NAME 'zimbraMailQuota'
  DESC 'mail quota in bytes'
  EQUALITY integerMatch
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.27
  SINGLE-VALUE )

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

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

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

attributetype ( zimbraMailCatchAllAddress
  NAME 'zimbraMailCatchAllAddress'
  DESC 'Address to catch all messages to specified domain'
  EQUALITY caseIgnoreIA5Match
```



```
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

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

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

attributetype ( zimbraMailHost
  NAME 'zimbraMailHost'
  DESC 'the server hosting the accounts mailbox'
  EQUALITY caseIgnoreIA5Match
  SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256}
  SINGLE-VALUE )

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

attributetype ( zimbraPop3SSLBindOnStartup
```

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

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

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

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

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

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

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



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

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

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

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

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

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

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

attributetype ( zimbraPrefMailItemsPerPage
```

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

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

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

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

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

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

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

attributetype ( zimbraPrefUseKeyboardShortcuts
  NAME 'zimbraPrefUseKeyboardShortcuts'
  DESC 'whether or not keyboard shortcuts are enabled'
```

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

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

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

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

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

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

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

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

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

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

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

attributetype ( zimbraSmtphostname
    NAME 'zimbraSmtphostname'
    DESC 'the SMTP server to connect to when sending mail'
    EQUALITY caseIgnoreIA5Match
    SYNTAX 1.3.6.1.4.1.1466.115.121.1.26{256} )

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

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

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

attributetype ( zimbraspamheader
    NAME 'zimbraspamheader'
    DESC 'mail header name for flagging spam'
    EQUALITY caseIgnoreMatch
```

```
SUBSTR caseIgnoreSubstringsMatch
SYNTAX 1.3.6.1.4.1.1466.115.121.1.15
SINGLE-VALUE )
```

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

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

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

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

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

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

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

```
SINGLE-VALUE )

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

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

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

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

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

attributetype ( zimbraUserServicesEnabled
```

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

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

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

attributetype ( 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 ( 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} )

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

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

objectclass ( zimbraMailRecipient
        NAME 'zimbraMailRecipient'

```

```

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

#####
# zimbraAccount extends zimbraMailRecipient. It represents a real account in
# the system
# (either admin or end-user) that can be logged into, etc.
#
# It is defined as AUXILIARY in case it needs to be mixed to an existing
# directory deployment.
#
# cn          - full name, common name
# co          - country friendly name
# company     - company (company name)
# displayName - name to display in admin tool, outlook uses as well (cn is
# multi-valued)
# gn          - first name (given name)
# initials    - middle initial
# l           - city (locality)
# ou          - organizational unit
# physicalDeliveryOfficeName - office
# postalAddress - street address
# postalCode  - zip code
# sn          - last name (sir name)
# st          - state
# telephoneNumber - phone
#
#####

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

```

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

```

        zimbraPrefHtmlEditorDefaultFontSize $
        zimbraPrefForwardReplyInOriginalFormat $
        zimbraPrefAutoAddAddressEnabled $
        zimbraPrefShowFragments $
        zimbraPrefShowSearchString $
        zimbraPrefCalendarFirstDayOfWeek $
        zimbraPrefCalendarInitialView $
        zimbraPrefCalendarInitialCheckedCalendars $
        zimbraPrefCalendarUseQuickAdd $
        zimbraPrefCalendarAlwaysShowMiniCal $
zimbraPrefCalendarNotifyDelegatedChanges $
        zimbraPrefContactsInitialView $
        zimbraPrefDedupeMessagesSentToSelf $
        zimbraPrefForwardIncludeOriginalText $
        zimbraPrefForwardReplyPrefixChar $
        zimbraPrefGroupMailBy $
        zimbraPrefImapSearchFoldersEnabled $
        zimbraPrefIncludeSpamInSearch $
        zimbraPrefIncludeTrashInSearch $
        zimbraPrefMailInitialSearch $
        zimbraPrefMailItemsPerPage $
        zimbraPrefContactsPerPage $
        zimbraPrefMessageViewHtmlPreferred $
        zimbraPrefMailPollingInterval $
        zimbraPrefMailSignature $
        zimbraPrefMailSignatureEnabled $
        zimbraPrefMailSignatureStyle $
        zimbraPrefNewMailNotificationAddress $
        zimbraPrefNewMailNotificationEnabled $
        zimbraPrefOutOfOfficeReply $
        zimbraPrefOutOfOfficeReplyEnabled $
        zimbraPrefReplyIncludeOriginalText $
        zimbraPrefReplyToAddress $
        zimbraPrefSaveToSent $
        zimbraPrefSentMailFolder $
        zimbraPrefUseKeyboardShortcuts $
        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 $
zimbraFeatureHtmlComposeEnabled $
zimbraFeatureTaggingEnabled $
zimbraFeatureAdvancedSearchEnabled $
zimbraFeatureSavedSearchesEnabled $
zimbraFeatureConversationsEnabled $
zimbraFeatureChangePasswordEnabled $
zimbraFeatureInitialSearchPreferenceEnabled $
zimbraFeatureFiltersEnabled $
zimbraImapEnabled $
zimbraNotes $
zimbraMailHostPool $
zimbraMailIdleSessionTimeout $
zimbraMailMinPollingInterval $
zimbraMailMessageLifetime $
zimbraMailQuota $
zimbraMailTrashLifetime $
zimbraMailSpamLifetime $
zimbraNewMailNotificationFrom $
zimbraNewMailNotificationSubject $
zimbraNewMailNotificationBody $
zimbraPasswordMinLength $
zimbraPasswordMaxLength $
zimbraPasswordMinAge $
zimbraPasswordMaxAge $
zimbraPasswordEnforceHistory $
zimbraPasswordLocked $
zimbraPop3Enabled $
zimbraPrefTimeZoneId $
zimbraPrefHtmlEditorDefaultFontColor $
zimbraPrefHtmlEditorDefaultFontFamily $
zimbraPrefHtmlEditorDefaultFontSize $
zimbraPrefUseTimeZoneListInCalendar $
zimbraPrefShowFragments $
zimbraPrefShowSearchString $
zimbraPrefCalendarFirstDayOfWeek $
zimbraPrefCalendarInitialView $
zimbraPrefCalendarUseQuickAdd $
zimbraPrefCalendarAlwaysShowMiniCal $
zimbraPrefCalendarNotifyDelegatedChanges $
zimbraPrefComposeInNewWindow $
zimbraPrefComposeFormat $
```

```

        zimbraPrefContactsInitialView $
        zimbraPrefDedupeMessagesSentToSelf $
        zimbraPrefForwardReplyInOriginalFormat $
        zimbraPrefSaveToSent $
        zimbraPrefSentMailFolder $
        zimbraPrefGroupMailBy $
        zimbraPrefIncludeSpamInSearch $
        zimbraPrefIncludeTrashInSearch $
        zimbraPrefImapSearchFoldersEnabled $
        zimbraPrefMailInitialSearch $
        zimbraPrefMailItemsPerPage $
        zimbraPrefMailSignatureStyle $
        zimbraPrefContactsPerPage $
        zimbraPrefMessageViewHtmlPreferred $
        zimbraPrefMailPollingInterval $
        zimbraPrefReplyIncludeOriginalText $
        zimbraPrefForwardIncludeOriginalText $
        zimbraPrefForwardReplyPrefixChar $
        zimbraPrefAutoAddAddressEnabled $
        zimbraPrefUseKeyboardShortcuts

    ) )

#####
# 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 $
        zimbraDomainInheritedAttr $
        zimbraGalLdapFilterDef $
        zimbraGalLdapAttrMap $
        zimbraGalMaxResults $
        zimbraFileUploadMaxSize $
        zimbraImapServerEnabled $
        zimbraImapNumThreads $
        zimbraImapBindPort $
        zimbraImapBindOnStartup $
        zimbraImapSSLBindPort $
        zimbraImapSSLBindOnStartup $
    )

```

zimbraImapSSLServerEnabled \$
zimbraImapCleartextLoginEnabled \$
zimbraLastLogonTimestampFrequency \$
zimbraLmtpNumThreads \$
zimbraLmtpBindPort \$
zimbraLmtpBindOnStartup \$
zimbraLogHostname \$
zimbraLogRawLifetime \$
zimbraLogSummaryLifetime \$
zimbraMtaAuthEnabled \$
zimbraMtaBlockedExtension \$
zimbraMtaCommonBlockedExtension \$
zimbraMtaDnsLookupsEnabled \$
zimbraMtaMaxMessageSize \$
zimbraMtaRelayHost \$
zimbraMtaRestriction \$
zimbraMtaTlsAuthOnly \$
zimbraPop3CleartextLoginEnabled \$
zimbraPop3NumThreads \$
zimbraPop3BindPort \$
zimbraPop3BindOnStartup \$
zimbraPop3ServerEnabled \$
zimbraPop3SSLBindPort \$
zimbraPop3SSLBindOnStartup \$
zimbraPop3SSLServerEnabled \$
zimbraRedoLogEnabled \$
zimbraRedoLogLogPath \$
zimbraRedoLogArchiveDir \$
zimbraRedoLogRolloverFileSizeKB \$
zimbraRedoLogDeleteOnRollover \$
zimbraRedoLogFsyncIntervalMS \$
zimbraServerInheritedAttr \$
zimbraSmtphostname \$
zimbraSmtpport \$
zimbraSmtppSendPartial \$
zimbraSmtptimeout \$
zimbraSpamHeader \$
zimbraSpamHeaderValue \$
zimbraSpamCheckEnabled \$
zimbraSpamKillPercent \$
zimbraSpamSubjectTag \$
zimbraSpamTagPercent \$
zimbraSpamIsSpamAccount \$
zimbraSpamIsNotSpamAccount \$
zimbraSpellCheckURL \$
zimbraSslCaCert \$
zimbraSslCaKey \$
zimbraTableMaintenanceGrowthFactor \$
zimbraTableMaintenanceMinRows \$
zimbraTableMaintenanceMaxRows \$
zimbraTableMaintenanceOperation \$
zimbraAuthTokenKey \$
zimbraMailPort \$
zimbraMailSSLPort \$

```

        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$
        zimbraGalMaxResults $
        zimbraGalMode $
        zimbraGalLdapURL $
        zimbraGalLdapSearchBase $
        zimbraGalLdapBindDn $
        zimbraGalLdapBindPassword $
        zimbraGalLdapAttrMap $
        zimbraGalLdapFilter
    ))

#####
# 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 $
        zimbraMtaAuthEnabled $
        zimbraMtaDnsLookupsEnabled $
        zimbraMtaRelayHost $
        zimbraMtaTlsAuthOnly $
        zimbraPop3CleartextLoginEnabled $
        zimbraPop3AdvertisedName $
        zimbraPop3BindAddress $
        zimbraPop3BindPort $
```

```

        zimbraPop3BindOnStartup $
        zimbraPop3NumThreads $
        zimbraPop3ServerEnabled $
        zimbraPop3SSLBindAddress $
        zimbraPop3SSLBindPort $
        zimbraPop3SSLBindOnStartup $
        zimbraPop3SSLServerEnabled $
        zimbraNotes $
        zimbraRedoLogEnabled $
        zimbraRedoLogLogPath $
        zimbraRedoLogArchiveDir $
        zimbraRedoLogRolloverFileSizeKB $
        zimbraRedoLogDeleteOnRollover $
        zimbraRedoLogFsyncIntervalMS $
        zimbraServiceHostname $
        zimbraServiceEnabled $
        zimbraServiceInstalled $
        zimbraSmtphostname $
        zimbraSmtpport $
        zimbraSmtptimeout $
        zimbraSmtpsendpartial $
        zimbraSpellcheckURL $
        zimbraSshPublicKey $
        zimbraTableMaintenanceGrowthFactor $
        zimbraTableMaintenanceMinRows $
        zimbraTableMaintenanceMaxRows $
        zimbraTableMaintenanceOperation $
        zimbraUserServicesEnabled $
        zimbraVirusDefinitionsUpdateFrequency $
        zimbraMailPort $
        zimbraMailSSLPort $
        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)
    ))

#####

```

```
# 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
    ))
```