



Understanding Enterprise Parameters

Enterprise parameters provide default settings that apply to all devices and services in the same cluster. (A cluster is a set of Cisco CallManagers that share the same database.) When you install a new Cisco CallManager, it uses the enterprise parameters to set the initial values of its device defaults. For more information on device defaults, see the “Setting Device Defaults” section on page 15-1.

Enterprise parameters include the following default settings:

- Firmware loads for devices such as phones, gateways, and Media Termination Points
- Lightweight Directory Access Protocol (LDAP) parameters
- URLs for web-based applications such as directory services for the Cisco IP Phone 7960
- System Version
- MessageDirectoryNumber

You cannot add or delete enterprise parameters, but you can use the following procedure to update existing enterprise parameters:

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Table 18-1 describes the enterprise parameters and lists allowed values for each.

Table 18-1 Enterprise Parameters

Enterprise Parameter	Description	Allowed Values
FirmwareLoad	The firmware loads used as Device Defaults when a new Cisco CallManager is added to a cluster.	Do not change the firmware load settings unless instructed to do so by Cisco Technical Assistance Center (TAC).
LDAP: Attribute Mappings	A mapping of attribute names used in the enterprise directory.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
LDAP: Cisco Base	The location of Cisco information in the LDAP directory.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
LDAP: Device Base	The location of devices in the LDAP directory tree.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
LDAP: Directory RN Attribute	The RN attribute used to create new entries in the user portion of the LDAP directory.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
LDAP: User ID	The LDAP attribute used to authenticate users who log into their user speed dial and call forwarding pages.	
LDAP: Directory Type	The type of the LDAP directory.	DC Directory or Netscape
LDAP: Extension Base	The location of the list of extensions in the LDAP directory tree.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
LDAP: Manager DN	The directory number of the directory manager.	Any valid directory number that is not assigned to another use.
LDAP: Manager Password	The password of the directory manager.	

Table 18-1 Enterprise Parameters (continued)

Enterprise Parameter	Description	Allowed Values
LDAP: Profile Base	The location of the profile subtree in the LDAP directory tree.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
LDAP: URL	The URL of the LDAP directory.	A URL in standard format (for example, LDAP://DAL-CCM1:8404). Note that the port number will always be 8404 for DC Directory installations. Do not change this setting unless you moved the enterprise directory to a new location or changed ports.
LDAP: User Base	The location of the user subtree in the LDAP directory tree.	If the installation is to an enterprise directory, this subtree can be anywhere.
LDAP: User Object Class	The name of the object class used to create new users in the LDAP directory.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
LDAP: User Object Class Hierarchy	The object class hierarchy of the User Object Class.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
MessageDirectoryNumber	Default voice messaging directory number used by the Cisco Messaging Interface (CMI).	Any valid directory number that is not assigned to another use.
System Version	The Cisco CallManager system version. This parameter is the same as the installation version number.	This parameter should never be changed.
URL Directories	The URL used for the directories key on the Cisco IP Phone 7960.	Do not change this parameter setting unless instructed to do so by Cisco TAC.
URL Information	The URL used for the information (i) button on the Cisco IP Phone 7960.	Do not change this parameter setting unless instructed to do so by Cisco TAC.

Table 18-1 Enterprise Parameters (continued)

Enterprise Parameter	Description	Allowed Values
URL Messages	The URL used for the messages key on the Cisco IP Phone 7960.	Do not change this parameter setting unless instructed to do so by Cisco TAC
URL Services	The URL used for the services key on the Cisco IP Phone 7960.	Do not change this parameter setting unless instructed to do so by Cisco TAC

Related Topics

- Clusters, page 2-1

Updating Enterprise Parameters

This section describes how to update or modify the enterprise parameters.

Procedure

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- Step 1** Open Cisco CallManager Administration.
 - Step 2** Select **System > Enterprise Parameters**.
 - Step 3** From the Parameters list, select the enterprise parameter you want to update.
 - Step 4** Enter the new value for the selected parameter. If you make an error, retype the entry before saving the changes. See Table 18-1 for allowed values.
 - Step 5** When you are done making changes to the enterprise parameters, click **Update** to save the changes in the database.
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