



## CHAPTER 37

# Configuring Enterprise Parameters

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### Caution

Information in this chapter is applicable in a standalone configuration only. If you have installed Cisco Unified Communications Manager Business Edition (CMBE), for information on configuring enterprise parameters, see the *Cisco Unified Communications Manager Administration Guide* at [http://www.cisco.com/en/US/products/ps7273/prod\\_maintenance\\_guides\\_list.html](http://www.cisco.com/en/US/products/ps7273/prod_maintenance_guides_list.html).

Enterprise parameters for Cisco Unity Connection provide default settings that apply to all services in Cisco Unified Serviceability.

You cannot add or delete enterprise parameters, but you can use the procedure in this section to update the existing enterprise parameters.



### Note

Many of the enterprise parameters rarely require change. Do not change an enterprise parameter unless you fully understand the feature that you are changing or unless the Cisco Technical Assistance Center (Cisco TAC) specifies the change.

See the following sections:

- [Configuring Enterprise Parameters for Cisco Unified Serviceability Services, page 37-1](#)
- [Description of Enterprise Parameters, page 37-2](#)

## Configuring Enterprise Parameters for Cisco Unified Serviceability Services

Use the following procedure to configure enterprise parameters for Cisco Unified Serviceability services.

### To Configure Enterprise Parameters for Cisco Unified Serviceability Services

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- Step 1** In Cisco Unity Connection Administration, expand **System Settings**, then click **Enterprise Parameters**.
- Step 2** On the Enterprise Parameters Configuration page, enter the applicable settings. To set all service parameters to the default values, click **Set to Default**.

To view a list of enterprise parameters and their descriptions, click the ? button on the right side of the page.

**Step 3** Click **Save**.

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## Description of Enterprise Parameters

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Table 37-1 describes the enterprise parameters available in Cisco Unity Connection. Note that only the following enterprise parameters apply to Cisco Unity Connection:

- [Max Number of Device Level Trace](#)
- [Trace Compression](#)
- [Default Network Locale](#)
- [Default User Locale](#)
- [File Close Thread Flag](#)
- [FileCloseThreadQueueWaterMark](#)
- [Service Manager TCP Server Communication Port Number](#)
- [Service Manager TCP Client Communication Port Number](#)
- [Organization Top Level Domain](#)
- [Cluster Fully Qualified Domain Name](#)
- [Cisco Support Use 1](#)
- [Remote Syslog Server Name](#)
- [Syslog Severity for Remote Syslog Messages](#)
- [Report Socket Connection Timeout](#)
- [Report Socket Read Timeout](#)

**Table 37-1 Enterprise Parameter Descriptions**

Enterprise Parameter	Description
Synchronization Between Auto Device Profile and Phone Configuration	<p>(Cisco Unified Communications Manager only) Determines whether the auto device profile in Cisco Unified CM Administration (Device &gt; Device Settings) is updated when an update occurs to the phone configuration, including directory numbers, speed dials, and subscribed IP phone services. Valid values specify True (Cisco Unified CM updates the auto device profile when it updates the phone configuration) or False (Cisco Unified CM does not update the auto device profile when it updates phone configuration).</p> <p>This is a required field.</p> <p>Default setting: True</p>
Max Number of Device Level Trace	<p>Specifies how many devices can be traced concurrently if device name-based trace is selected in Trace Configuration in Cisco Unified Serviceability.</p> <p>This is a required field.</p> <p>Default setting: 12 Minimum: 0 Maximum: 256</p>
Trace Compression	<p>Determines whether or not to compress trace files as they are being written.</p> <p>This is a required field.</p> <p>Default setting: Disabled</p>
DSCP for Phone-based Services	<p>(Cisco Unified Communications Manager only) Specifies the Differentiated Service Code Point (DSCP) IP classification for IP phone services on phones, including any HTTP traffic.</p> <p>This is a required field.</p> <p><b>Note</b> Restart phones for the parameter change to take effect.</p> <p>Default setting: default DSCP (000000)</p>
DSCP for Phone Configuration	<p>(Cisco Unified Communications Manager only) Specifies the Differentiated Service Code Point (DSCP) IP classification for any phone configuration, including any TFTP, DNS, or DHCP access that is necessary for phone configuration.</p> <p>This is a required field.</p> <p><b>Note</b> Restart phones for the parameter change to take effect.</p> <p>Default setting: CS3 (precedence 3) DSCP (011000)</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
DSCP for Cisco CallManager to Device Interface	<p>(Cisco Unified Communications Manager only) Specifies the Differentiated Service Code Point (DSCP) IP classification for protocol control interfaces that are used in Cisco Unified CM-to-device communications.</p> <p>This is a required field.</p> <p><b>Note</b> Restart the Cisco CallManager service and associated devices for the parameter change to take effect.</p> <p>Default setting: CS3 (precedence 3) DSCP (011000)</p>
Connection Monitor Duration	<p>(Cisco Unified Communications Manager only) Specifies the a common link qualifying time period for all the devices using a specific SRST reference.</p> <p>This is a required field.</p> <p><b>Note</b> Restart all services for the parameter change to take effect.</p> <p>Default setting: 120 Minimum: 0 Maximum: 2592000</p>
Auto Registration Phone Protocol	<p>(Cisco Unified Communications Manager only) Specifies the protocol that auto-registered phones should boot with during initialization.</p> <p>This is a required field.</p> <p><b>Note</b> Restart all services for the parameter change to take effect.</p> <p>Default setting: SCCP</p>
BLF for Call Lists	<p>(Cisco Unified Communications Manager only) Specifies the default Busy Lamp Field (BLF) behavior for phones.</p> <p>This is a required field.</p> <p><b>Note</b> Restart the phones for the parameter change to take effect.</p> <p>Default setting: Disabled</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Advertise G.722 Codec	<p>(Cisco Unified Communications Manager only) Determines whether Cisco Unified IP Phones advertise the G.722 codec to Cisco Unified CM. Codec negotiation involves two steps: first, the phone must advertise the supported codecs to Cisco Unified CM (not all phone models support the same set of codecs). Second, when Cisco Unified CM receives the list of supported codecs from all phones involved in the call attempt, it chooses a commonly-supported codec based on various factors, including the region pair setting. This parameter only applies to Cisco Unified IP Phone models 7941G, 7941G-GE, 7961G, 7961G-GE, 7970G, and 7971G-GE. Valid values specify True (the specified Cisco Unified IP Phone models advertise G.722 to Cisco Unified CM) or False (the specified Cisco Unified IP Phone models do not advertise G.722 to Cisco Unified CM).</p> <p>This is a required field.</p> <p><b>Note</b> Restart the phones for the parameter change to take effect.</p> <p>Default setting: Enabled</p>
Phone Personalization	<p>(Cisco Unified Communications Manager only) Specifies the default value for Phone Personalization.</p> <p>This is a required field.</p> <p>Default setting: 0</p>
Services Provisioning	<p>(Cisco Unified Communications Manager only) A new device configuration parameter is added to control whether the phone uses the services provisioned in the configuration file (Internal) or the services received from the URLs (External URLs) or both. This parameter is required for backward-compatibility with third-party provisioning servers, mainly the ability to disable the new provisioning mechanism so that the phone presents only those services coming from the Services URL.</p> <p>This is a required field.</p> <p>Default setting: Internal</p>
<b>CCMAdmin Parameters</b>	

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Max List Box Items	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of items that display in a list box in Cisco Unified CM Administration; for any value above the number that is specified in this parameter, only the default (such as None) and the currently selected items appear in the list box, and a lookup button appears to the right of the list box. Click the lookup button to find and choose the desired item. Increasing the value above the default sends more items directly to the browser but results in slower page loads in a large system. Decreasing the value sends fewer items directly to the browser and results in faster page load for a large system. This setting affects only fields where a large number of user-defined items are likely, such as Partition, Calling Search Space, and Voice Mail Profile. This is a required field.</p> <p><b>Note</b> Click Save, close the browser, and open a new one for the change to take effect.</p> <p>Default setting: 250 Minimum: 50 Maximum: 9999</p>
Max Lookup Items	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of items that are sent to the browser when doing a lookup. Using a higher value sends more items directly to the lookup browser window (results in slower page load but faster searching). Using a lower value sends fewer items directly to the lookup browser window (results in faster page load but slower search). This is a required field.</p> <p><b>Note</b> Click Save, close the browser, and open a new one for the change to take effect.</p> <p>Default setting: 1000 Minimum: 250 Maximum: 9999</p>
Enable Dependency Records	<p>(Cisco Unified Communications Manager only) Determines whether to display dependency records. Valid values specify True (display dependency records) or False (do not display dependency records). This is a required field.</p> <p><b>Note</b> Displaying dependency records leads to high CPU usage and may affect call processing. It may take a long time to execute. If you monitor CPU usage, you might see high CPU usage alarms. To avoid possible performance issues, display dependency records only during off-peak hours or during the next maintenance window.</p> <p>Default setting: False</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Auto Select DN on Any Partition	<p>(Cisco Unified Communications Manager only) Specifies whether the directory number configuration page automatically selects the first matching DN to populate the page. The default is False, which means the DN/Partition name is used to populate the DN page. If the parameter is set to True and the DN is changed, the first entry matching the DN is used to populate the page.</p> <p>This is a required field.</p> <p><b>Note</b> Click the Save button.</p> <p>Default setting: False</p>
<b>CCMUser Parameters</b>	
Show Ring Settings	<p>(Cisco Unified Communications Manager only) Determines whether the option to change the Ring Settings on a phone appears on the Cisco CallManager User Options (CCMUser) window. Valid values specify True (enabled) or False (disabled). If this parameter is enabled and the current device of the user supports the Ring Setting feature, the user can view and change the Ring Settings for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: False</p>
Show Call Forwarding	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Call Forwarding on a phone appears on the Cisco CallManager User Options (CCMUser) window. If the current device of the user supports the Call Forwarding feature, the user can view and change the Call Forward Settings for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: Show All Settings</p>
Show Speed Dial Settings	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Add/Update Speed Dial Settings on a phone appears on the Cisco CallManager User Options (CCMUser) window. If the current device of the user supports the Speed Dialing feature, the user can view and change the Speed Dial Settings for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Show Cisco IP Phone Services Settings	<p>(Cisco Unified Communications Manager only) Determines whether or not the option IP Phone Services on a phone appears on the Cisco CallManager User Options (CCMUser) window. If the current device of the user supports the IP Phone Services feature, the user can view and change the IP Phone Services Settings for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Personal Address Book Settings	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Personal Address Book on a phone appears on the Cisco CallManager User Options (CCMUser) window. If the current device of the user supports the Personal Address Book feature, the user can view and change the Personal Address Book Settings for that device.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>This is a required field.</p> <p>Default setting: True</p>
Show Message Waiting Lamp Policy Settings	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Message Waiting Lamp Policy on a phone appears on the Cisco CallManager User Options (CCMUser) window. If the current device of the user supports the Message Waiting Lamp Policy feature, the user can view and change the Message Waiting Lamp Policy Settings for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Line Text Label Settings	<p>(Cisco Unified Communications Manager only) Determines whether or not the option to configure Line Text Label for a phone appears on the Cisco CallManager User Options (CCMUser) window. If the current device of the user has lines configured, the user can view and change the Line Text Label for each line on that phone unless the line is the Primary Line.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: False</p>



**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Show Locale for Phone Settings	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Change Locale for this Phone appears on the Cisco CallManager User Options (CCMUser) window. If the current device of the user supports the Localization feature, the user can view and change the User Locale Setting for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Locale for Web Pages Settings	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Locale for Web Pages appears on the Cisco CallManager User Options (CCMUser) window. If this option is enabled, the user can view and change the User Locale Setting Extension Mobility and CCMUser Web Pages.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Change Password Option	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Change Password for a User appears on the Cisco CallManager User Options (CCMUser) window. If this option is enabled, the user can change the Password.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Change PIN Option	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Change PIN for a User appears on the Cisco CallManager User Options (CCMUser) window. If this option is enabled, the user can change the PIN.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Show Download Plugin Option	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Download/Install Plugins for a User appears on the Cisco CallManager User Options (CCMUser) window. If this option is enabled, the user can Download/Install Plugins.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Online Guide Option	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Online Phone Guide appears on the Cisco IP Phone Options web (CCMUser). If the current device of the user supports the Online Phone Guide feature, the user can view the Online Guide for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Directory	<p>(Cisco Unified Communications Manager only) Determines whether or not the option Directory appears on the Cisco IP Phone Options web (CCMUser). If this option is enabled, the user can search directory.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Mobility Features Option	<p>(Cisco Unified Communications Manager only) Determines whether or not the option to access Remote Destinations and Access Lists appears on the Cisco IP Phone Options web (CCMUser). If the current device of the user supports the Remote Destinations and Access Lists feature, the user can view the configure Remote Destination and Access Lists for that device.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
Show Manager Name in Directory	<p>(Cisco Unified Communications Manager only) Determines whether or not to display the Manager Name in the Directory Find List.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Show User ID in Directory	<p>(Cisco Unified Communications Manager only) Determines whether or not to display the Manager Name in the Directory Find List.</p> <p>This is a required field.</p> <p><b>Note</b> Change takes effect on next login to Cisco CallManager User Options window.</p> <p>Default setting: True</p>
<b>CDR Parameters</b>	
CDR File Time Interval	<p>(Cisco Unified Communications Manager only) Specifies the time interval for collecting CDR data. For example, if this value is set to 1, each file contains 1 minute of CDR data (CDRs and CMRs, if enabled). The CDR database does not receive the data in each file until the interval has expired, so consider how quickly you want access to the CDR data when you decide what interval to set in this parameter. For example, setting this parameter to 60 means that each file contains 60 minutes worth of data, but that data is not available until the 60-minute period has elapsed and the records are written to the CDR database.</p> <p>This is a required field.</p> <p>Default setting: 1 Minimum: 0 Maximum: 1440 Unit: min</p>
Cluster ID	<p>(Cisco Unified Communications Manager only) Provides a unique identifier for this cluster. Because this parameter is used in CDRs, collections of CDRs from multiple clusters can be traced to the sources.</p> <p>This is a required field.</p> <p>Default setting: StandAloneCluster Maximum length: 50 Allowed values: Provide a valid cluster ID that uses the characters A-Z, a-z, 0-9, ., -</p>
<b>Localization Parameters</b>	
Default Network Locale	<p>Specifies the default network locale for tones and cadences. The chosen network locale applies to all gateways and phones that do not have the network locale set at the device or device pool level.</p> <p>This is a required field.</p> <p><b>Note</b> Make sure that the chosen network locale is installed and supported for all gateways and phones. See the product documentation, if necessary. Reset all devices for the parameter change to take effect.</p> <p>Default setting: United States</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Default User Locale	<p>Specifies the default user locale for language selection. Not all locales are supported by all models. For models that do not support this setting, set their locale explicitly to something they support.</p> <p>This is a required field.</p> <p><b>Note</b> Reset all devices for the parameter change to take effect.</p> <p>Default setting: English United States</p>
<b>MLPP Parameters</b>	
MLPP Domain Identifier	<p><i>(Cisco Unified Communications Manager only)</i> Specifies the service domain used by Multi-Level Precedence and Preemption (MLPP). The MLPP service applies to an MLPP domain only. Connections and resources that belong to a call from an MLPP user get marked with a Precedence level and MLPP domain identifier that only calls of higher Precedence from MLPP users in the same MLPP domain can preempt. This parameter accepts hexadecimal values (values starting with 0x). You can reset all devices by resetting every device pool in the system.</p> <p>This is a required field.</p> <p><b>Note</b> Reset all devices for the parameter change to take effect.</p> <p>Default setting: 000000</p>
MLPP Indication Status	<p><i>(Cisco Unified Communications Manager only)</i> Determines whether the device should apply Multi-Level Precedence and Preemption (MLPP) services such as tones, special displays and sending of MLPP/precedence-related Precedence information element (IE) and values in Signal and Cause IEs.</p> <p>This is a required field.</p> <p><b>Note</b> Reset all devices for the parameter change to take effect.</p> <p>Default setting: MLPP Indication turned off.</p>
MLPP Preemption Setting	<p><i>(Cisco Unified Communications Manager only)</i> Determines whether a device should apply preemption and preemption signaling (preemption tones/information elements) to accommodate higher precedence calls. Valid values specify No Preemption Allowed and Forceful Preemption (lower precedence calls terminate when a higher precedence call arrives that, to complete the call, needs the resource that the lower precedence call currently uses). You can reset all devices by resetting every device pool in the system.</p> <p>This is a required field.</p> <p><b>Note</b> Reset all devices for the parameter change to take effect.</p> <p>Default setting: No preemption allowed.</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Precedence Alternate Party Timeout	<p>(Cisco Unified Communications Manager only) Specifies the maximum time to wait before diverting a call to the predetermined alternate party when the called party has MLPP Alternate Party Settings specified in the Directory Number Configuration and the called party does not acknowledge preemption or does not answer a precedence call before this timer expires.</p> <p>This is a required field.</p> <p>Default setting: 30 Minimum: 4 Maximum: 60 Unit: sec</p>
Use Standard VM Handling for Precedence Calls	<p>(Cisco Unified Communications Manager only) Determines whether a precedence call is forwarded to the voice-messaging system, such as when no answer or busy signal occurs. If this parameter is set to False, precedence calls do not get forwarded to the voice-messaging system. If this parameter is set to True, precedence calls forward to the voice-messaging system. For Multi-Level Precedence and Preemption (MLPP), we recommend that a voice-messaging system does not answer precedence calls; rather, configure the system so that MLPP calls forward to an operator.</p> <p>This is a required field.</p> <p>Default setting: False</p>
<b>Security Parameters</b>	
Cluster Security Mode	<p>(Cisco Unified Communications Manager only) Indicates the security mode of the cluster. A value of 0 indicates Non Secure (phones register in non-secure mode [no security]); 1 indicates Mixed (the cluster allows the registration of both secure devices and non-secure devices). Because this parameter is read-only, to change the cluster security mode, you must run the CTL Client plugin.</p> <p>This is a required field.</p> <p><b>Note</b> Restart Cisco CallManager service for the parameter change to take effect.</p> <p>Default setting: 0</p>
CAPF Phone Port	<p>(Cisco Unified Communications Manager only) Specifies the port that the Cisco Authority Proxy Function Service listens to requests from a phone for a Certificate.</p> <p>This is a required field.</p> <p><b>Note</b> Restart the Cisco CAPF Service for this parameter change to take effect.</p> <p>Default setting: 3804 Minimum: 1023 Maximum: 55556</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
CAPF Operation Expires in (Days)	<p>(Cisco Unified Communications Manager only) Specifies the number of days in which any CAPF operation must be completed. This parameter affects all phones that use CAPF.</p> <p>This is a required field.</p> <p>Default setting: 10 Minimum: 1 Maximum: 365</p>
Enable Caching	<p>(Cisco Unified Communications Manager only) Causes credentials to be stored in memory for up to 2 minutes. This could save time if a credential is used often, by using memory, rather than making a query of the database to authenticate.</p> <p>This is a required field.</p> <p>Default setting: False</p>
<b>Phone URL Parameters</b>	
URL Authentication	<p>(Cisco Unified Communications Manager only) Specifies the URL that points to a web page that resides in one of the Cisco CallManager Cisco IP Phone (CCMCIP) webs in the cluster. This URL provides an authentication proxy service between Cisco IP Phone models 7940/7945/7960/7965/7970 and the LDAP directory. This URL is used to validate requests made directly to the phone. This URL is automatically configured at install time. If the URL is removed, the push capabilities to the Cisco IP Phones are disabled.</p> <p>Maximum length: 255 Allowed values: A well-formed URL (for example, http://myserver/myscript.asp). Test the URL in a separate browser window to make sure that it is valid.</p>
URL Directories	<p>(Cisco Unified Communications Manager only) Specifies the URL that Cisco IP Phone models 7940/7945/7960/7965/7970 use when the Directory button is pressed. This URL must return a CiscoIPPhoneMenu object even if no MenuItems are specified in the object. The MenuItems that are specified get appended to the directory list along with the three internal directories on the Cisco IP Phones.</p> <p>Maximum length: 255 Allowed values: A well-formed URL (for example, http://myserver/myscript.asp). Test the URL in a separate browser window to make sure that it is valid.</p>
URL Idle	<p>(Cisco Unified Communications Manager only) Specifies the URL that Cisco IP Phone models 7940, 7945, 7960, 7965, and 7970 use to display information on the screen when the phone remains idle for the time that the URL Idle Time parameter specifies.</p> <p>Maximum length: 255 Allowed values: A well-formed URL (for example, http://myserver/myscript.asp). Test the URL in a separate browser window to make sure that it is valid.</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
URL Idle Time	<p>(Cisco Unified Communications Manager only) Specifies the time that the Cisco IP Phone models 7940, 7945, 7960, 7965, and 7970 should remain idle before displaying the URL that the URL Idle parameter specifies. If the time is set to zero, the URL that the URL Idle parameter specifies does not display.</p> <p>Default setting: 0  Minimum: 0  Maximum: 604800  Unit: sec</p>
URL Information	<p>(Cisco Unified Communications Manager only) Specifies a URL that points to a page in the Cisco CallManager Cisco IP Phone (CCMCIP) webs and returns the requested help text to the Cisco IP phone models 7940, 7945, 7960, 7965, and 7970 display. This information displays when a user presses the i or ? button on the phones.</p> <p>Maximum length: 255  Allowed values: A well-formed URL (for example, http://myserver/myscript.asp). Test the URL in a separate browser window to make sure that it is valid.</p>
URL Messages	<p>(Cisco Unified Communications Manager only) Specifies a URL that the Cisco IP Phones should call when the Messages button is pressed. The URL must return a CiscoIPPhoneMenu object when called. The Menu Items that are returned get appended to the built-in items on Cisco IP Phone models 7940, 7945, 7960, 7965, and 7970.</p> <p>Maximum length: 255  Allowed values: A well-formed URL (for example, http://myserver/myscript.asp). Test the URL in a separate browser window to make sure that it is valid.</p>
IP Phone Proxy Address	<p>(Cisco Unified Communications Manager only) Specifies a proxy server name or address and port (for example, proxy.cisco.com:8080). If the proxy server is specified, the Cisco IP Phones use it to request all URLs. Leave this setting blank for the phones to attempt to connect directly to all URLs. If a name is used instead of an IP address, configure phones with valid DNS servers to allow name to IP resolution. Confirm that the proxy server is listening at the destination that is specified.</p> <p>Maximum length: 255  Allowed values: Proxy server name or address and port (for example, proxy.cisco.com:8080)</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
URL Services	<p>(Cisco Unified Communications Manager only) Specifies the URL that the Cisco IP phone models 7940, 7945, 7960, 7965, and 7970 call when the Services button is pressed. The initial request by the phone passes the device name as a parameter. The default page in the Cisco CallManager Cisco IP Phone (CCMCIP) web returns a CiscoIPPhoneMenu object with a list of services that are subscribed to the device. If no subscriptions exist, the return text indicates that no subscriptions exist for the device.</p> <p>Maximum length: 255  Allowed values: A well-formed URL (for example, http://myserver/myscript.asp). Test the URL in a separate browser window to make sure that it is valid.</p>
<b>User Search Parameters</b>	
Enable All User Search	<p>(Cisco Unified Communications Manager only) Determines whether to allow a search for All Users (search with no last name/first name/directory number specified) when searching for users via the Corporate Directory from the phone. This parameter also applies to the directory search on the Cisco CallManager User Options (CCMUser) window.</p> <p>This is a required field.  Default setting: True</p>
User Search Limit	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of users to be retrieved from a search in the Corporate Directory feature on the phone. This parameter also applies to the directory search on the Cisco CallManager User Options (CCMUser) window. Using values greater than the default value (64) may negatively affect Cisco CallManager performance. Search does not apply when the Enable All User Search enterprise parameter is set to False and no criteria are set for the search.</p> <p>This is a required field.  Default setting: 64  Minimum: 1  Maximum: 500</p>
<b>CCM Web Services Parameters</b>	
Allowed Performance Queries per Minute	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of AVVID XML Layer (AXL) performance counter queries that are allowed per minute for the system. Clients such as Voice Health Monitoring and Gateway Statistic Utility (GSU) receive a slow response if applications send more queries than the limit that is imposed by this parameter.</p> <p>This is a required field.  Default setting: 50  Minimum: 1  Maximum: 80</p>



**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Allowed Device Queries per Minute	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of AVVID XML Layer (AXL) Device queries that are allowed per minute for the system. Clients such as Voice Health Monitoring and Gateway Statistic Utility (GSU) receive a slow response if applications send more queries than the limit that is imposed by this parameter.</p> <p>This is a required field.</p> <p>Default setting: 15 Minimum: 1 Maximum: 18</p>
Performance Queue Limit	<p>(Cisco Unified Communications Manager only) Controls the queue size that handles performance counter queries. If the queue size grows more than this limit, the performance request is dropped, and a timeout message is sent to the clients.</p> <p>This is a required field.</p> <p>Default setting: 100 Minimum: 20 Maximum: 1000</p>
Maximum Performance Counters per Session	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of performance counters that are allowed in a session-based request.</p> <p>This is a required field.</p> <p>Default setting: 100 Minimum: 20 Maximum: 1000</p>
Allowed CDRonDemand get_file Queries per Minute	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of CDRonDemand get_file queries that are allowed per minute for the system.</p> <p>This is a required field.</p> <p>Default setting: 10 Minimum: 1 Maximum: 20</p>
Allowed CDRonDemand get_file_list Queries per Minute	<p>(Cisco Unified Communications Manager only) Specifies the maximum number of CDRonDemand get_file_list queries that are allowed per minute for the system.</p> <p>This is a required field.</p> <p>Default setting: 20 Minimum: 1 Maximum: 40</p>
<b>Trace Parameters</b>	

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
File Close Thread Flag	<p>Enables the use of separate threads to close trace files. This may improve the performance of the system at the end of a trace file.</p> <p>This is a required field.</p> <p>Default setting: True</p>
FileCloseThreadQueueWater Mark	<p>Defines the high-water mark after which the separate thread used to close trace files stops accepting trace files to close; the trace file is then closed without the use of a separate thread.</p> <p>This is a required field.</p> <p>Default setting: 100 Minimum: 0 Maximum: 500</p>
<b>User Management Parameters</b>	
Effective Access Privileges for Overlapping User Groups and Roles	<p><i>(Cisco Unified Communications Manager only)</i> Determines the method for resolving overlapping resource privileges when a user is a member of more than one user groups and/or a group contains multiple roles. If set to maximum, the user is granted the highest privilege for the resources. If set to minimum, the user is granted the lowest privilege for the resources.</p> <p>This is a required field.</p> <p>Default setting: Maximum</p>
<b>Service Manager TCP Ports Parameters</b>	
Service Manager TCP Server Communication Port Number	<p>Determines which TCP port number the Service Manager is listening to.</p> <p>This is a required field.</p> <p>Default setting: 8888 Minimum: 1024 Maximum: 65535</p>
Service Manager TCP Client Communication Port Number	<p>Determines which TCP port number the Service Manager responds to.</p> <p>This is a required field.</p> <p>Default setting: 8889 Minimum: 1024 Maximum: 65535</p>
<b>CRS Application Parameters</b>	
Auto Attendant Installed	<p><i>(Cisco Unified Communications Manager only)</i> <i>Display only.</i> Is true if the CRS Auto Attendant is installed and false otherwise. It can be modified only by CRS when it has been installed. If this flag is true, then the Auto Attendant information can be configured from the User Configuration page.</p> <p>This is a required field.</p> <p>Default setting: False</p>

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
IPCC Express Installed	<p>(Cisco Unified Communications Manager only) Display only. Is true when a Cisco IPCC Express system is integrated with this Cisco CallManager cluster. It can be modified only by CRS when it has been installed. If this flag is true, then the IPCC Extension can be specified on the User Configuration page.</p> <p>This is a required field.</p> <p>Default setting: False</p>
<b>Clusterwide Domain Configuration Parameters</b>	
Organization Top Level Domain	<p>Defines the top level domain for the organization (for example, cisco.com).</p> <p>Maximum length: 255</p> <p>Allowed values: Provide a valid domain (for example, cisco.com) with up to 255 of the following characters: any upper or lower case letter (a-zA-Z), any number (0-9), the hyphen (-), or the dot (.). The dot serves as a domain label separator. Domain labels must not start with a hyphen. The last label (for example, .com) must not start with a number. Abc.lom is an example of an invalid domain.</p>
Cluster Fully Qualified Domain Name	<p>Defines one or more Fully Qualified Domain Names (FQDN) for this cluster. Multiple FQDNs must be separated by a space. Wildcards can be specified within an FQDN using an asterisk (*). Examples are cluster-1.rtp.cisco.com and *.cisco.com. Requests containing URLs (for example, SIP calls) whose host portion matches any of the FQDNs in this parameter are recognized as a request destined for this cluster and/or devices attached to it.</p> <p>Maximum length: 255</p> <p>Allowed values: Provide one or more fully qualified domain names (FQDN), or partial FQDNs using the * wildcard (for example, cluster-1.cisco.com or *.cisco.com). Multiple FQDNs must be separated by a space. The following characters are allowed: any upper or lower case letter (a-zA-Z), any number (0-9), hyphen (-), asterisk (*), or dot (.). The dot serves as a domain label separator. Domain labels must not start with a hyphen. The last label (for example, .com) must not start with a number. Abc.lom serves as an example of an invalid domain.</p>
<b>Denial-of-Service Protection Parameters</b>	
Denial-of-Service Protection Flag	<p>(Cisco Unified Communications Manager only) Enables protection used to thwart certain Denial-of-Service attacks.</p> <p>This is a required field.</p> <p>Default setting: True</p>
<b>Cisco Support Use Parameters</b>	
Cisco Support Use 1	<p>Is used by Cisco TAC only.</p> <p>Maximum length: 10</p>
<b>Cisco Syslog Agent Parameters</b>	

**Table 37-1 Enterprise Parameter Descriptions (continued)**

Enterprise Parameter	Description
Remote Syslog Server Name	<p>Enter the name or IP address of the remote Syslog server that you want to use to accept Syslog messages. If a server name is not specified, Cisco Unified Serviceability does not send the Syslog messages. Do not specify a Cisco Unified Communications Manager server as the destination because the Cisco Unified Communications Manager server does not accept Syslog messages from another server.</p> <p>Maximum length: 255  Allowed values: Provide a valid remote syslog server name with the following characters: A-Z, a-z, 0-9, ., -</p>
Syslog Severity for Remote Syslog Messages	<p>Select the desired Syslog messages severity for the remote syslog server. All the syslog messages with selected or higher severity level are sent to remote syslog. If a remote server name is not specified, Cisco Unified Serviceability does not send the Syslog messages.</p> <p>This is a required field.</p> <p>Default setting: Error</p>
<b>CUCReports Parameters</b>	
Report Socket Connection Timeout	<p>Specifies the maximum number of seconds used when attempting to establish a connection with another server. Increase this time if connection issues are experienced on a slow network.</p> <p>This is a required field.</p> <p>Default setting: 10  Minimum: 5  Maximum: 120</p>
Report Socket Read Timeout	<p>Specifies the maximum number of seconds used when reading data from another server. Increase this time if connection issues are experienced on a slow network.</p> <p>This is a required field.</p> <p>Default setting: 60  Minimum: 5  Maximum: 600</p>