



CHAPTER 6

Modify the SIP Domain of a Cisco Unified Presence Cluster

November 20, 2013

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Replace the Default Domain Value

The domain name specifies the DNS domain name of the Cisco Unified Presence server. Cisco Unified Presence automatically defaults to the domain name DOMAIN.NOT.SET. You must replace this default domain name with the DNS domain name in order for the SRM to initialize correctly in a High Availability deployment.

If you are not using DNS in your network, and you did not set the domain at install, you must replace this default value with the enterprise wide domain and ensure the node names are configured as IP addresses or Cisco Unified Presence will not function correctly.

Perform this configuration on all nodes in your Cisco Unified Presence cluster.

Procedure

- Step 1** Perform the following steps to configure the new domain value:
- Select **Cisco Unified Presence Administration > System > Cluster Topology**.
 - In the right pane, select **Settings**.
 - Configure the Domain Name value with the new domain.
 - Select **Cisco Unified Presence Administration > System > Service Parameters**, and select the **Cisco UP SIP Proxy** service.
 - Configure the Federation Routing Cisco Unified Presence FQDN with the new domain.
 - You will be prompted to confirm these configuration changes. Select **OK** for both prompts, and then select **Save**.
- Step 2** Use this CLI command to set the new domain:
- ```
set network domain <new_domain>
```
- This CLI command invokes a reboot of the server.

**Step 3** Manually regenerate all certificates on the local Cisco Unified Presence server.

**Note**

When you regenerate the Tomcat certificate, you must restart Tomcat. You can restart Tomcat after you regenerate all of the certificates on the local server. Use this CLI command to restart Tomcat: **utils service restart Cisco Tomcat**

## Change the Domain Value

Follow this procedure if you want to change the domain value (from one valid domain value to another valid IP proxy domain value).

This procedure is applicable if you have a DNS or non-DNS deployment.

**Note**

It is highly recommended that you use a DNS deployment. In order to be considered valid, the domain value must match the DNS domain name. Using a valid domain name ensures that the SRM initializes correctly in a High Availability deployment.

### Procedure

**Step 1** Stop the Cisco UP SIP Proxy, Presence Engine and XCP Router services on Cisco Unified Presence on all nodes in your cluster.

**Step 2** On the publisher node, perform the following steps to configure the new domain value:

- a. Select **Cisco Unified Presence Administration > System > Cluster Topology**.
- b. In the right pane, select **Settings**.
- c. Configure the Domain Name value with the new domain.
  - a. Select **Cisco Unified Presence Administration > System > Service Parameters**, and select the **Cisco UP SIP Proxy** service.
  - b. Configure the Federation Routing Cisco Unified Presence FQDN with the new domain.
  - c. You will be prompted to confirm these configuration changes. Select **OK** for both prompts, and then select **Save**.

**Step 3** On all nodes in the cluster, use this CLI command to set the new domain:

```
set network domain <new_domain>
```

This CLI command invokes a reboot of the servers.

**Step 4** On all nodes in the cluster, manually start the Cisco UP Presence Engine and Cisco UP XCP Router services after the reboot is complete (if required).

**Step 5** Manually regenerate all certificates on each node in the cluster.

**Note**

When you regenerate the Tomcat certificate, you must restart Tomcat. You can restart Tomcat after you regenerate all of the certificates on the local server. Use this CLI command to restart Tomcat: **utils service restart Cisco Tomcat**

- Step 6** If you use DNS in your network, update the DNS configuration for the new domain. Update any host records and any DNS SRV records that you require for the new domain.
- Step 7** Configure any XMPP clients with the new domain.
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