



## CHAPTER 5

# Post-Change Task List


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Complete this procedure after you finish changing the IP address or hostname of your cluster.

### Procedure

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- Step 1** Ensure that all servers in the cluster are running and available by checking for any active ServerDown alerts. You can check the application event log for ServerDown alerts by entering the following command in the Command Line Interface (CLI) on the publisher node:
- ```
file search activelog syslog/CiscoSyslog ServerDown
```
- Step 2** Check the DB replication status on all the Cisco Unified Presence nodes in the cluster to ensure all servers are replicating database changes successfully. You can check by using the following CLI command.
- ```
utils dbreplication runtimestate
```
-  **Note** The **REPLICATION SETUP (RTMT) & details** value for all nodes must be 2.
- Step 3** If you completed Step 8 in the Readiness Checklist, add the cluster whose publisher/subscriber hostname/IP address was changed to each peer-cluster publisher node.
- Step 4** If you disabled SSO prior to performing a procedure, you can enable it now. For information about how to enable SSO, see the “Single Sign-On Configuration” section of the *Deployment Guide for Cisco Unified Presence*.
- Step 5** If you changed the hostname of the Cisco Unified Presence server and are federating with another enterprise, you must change the federation routing Full Qualified Domain Name (FQDN) parameter to point to the new server address. In Cisco Unified Presence Administration, perform the following tasks:
- Select **System > Service Parameters**
  - Select the server.
  - Select the Cisco SIP Proxy service.
  - Change the clusterwide federation routing parameter (Federation Routing CUP FQDN) to the new FQDN.
- Step 6** Run a manual DRS backup and ensure that all nodes and active services are backed up successfully.
- Step 7** Update RTMT custom alerts and saved profiles:

- RTMT custom alerts that are derived from performance counters include the hard-coded server IP address. You must delete and reconfigure these custom alerts.
- RTMT saved profiles that have performance counters include the hard-coded server IP address. You must delete and re-add these counters and then save the profile to update it to the new IP address.

**Step 8** Check and make any required configuration changes to other associated Cisco Unified Communications components, including the following ones:



**Note** Consult the documentation for your product to determine how to make any required configuration changes.

- SIP trunks
- SFTP servers that are used for Cisco Unified Presence server trace collection or as a DRS backup destination
- Cisco Jabber
- Associated routers and gateways
- Third-party clients, such as IBM Lotus Sametime

**Step 9** On all nodes, verify that services are running. If you need to start services, use the following commands to start the Cisco Unified Presence services in the following order:

If you are using:	Action
Cisco Unified Presence Release 8.0	<p>On the server that you are configuring the IP or hostname change, verify that the previously stopped services are running. If the services are not running, run the following CLI commands to restart the Cisco Unified Presence services in the following order:</p> <ul style="list-style-type: none"> <li>• <code>utils service start Cisco UP Presence Engine Database</code></li> <li>• <code>utils service start Cisco UP XCP Router</code></li> <li>• <code>utils service start Cisco UP Sync Agent</code></li> <li>• <code>utils service start Cisco UP SIP Proxy</code></li> <li>• <code>utils service start Cisco UP OAM Agent</code></li> <li>• <code>utils service start Cisco UP Presence Engine</code></li> <li>• <code>utils service start Cisco UP Client Profile Agent</code></li> <li>• <code>utils service start Cisco UP Intercluster Sync Agent</code></li> <li>• <code>utils service start Cisco UP Config Agent</code></li> </ul>

If you are using:	Action
Cisco Unified Presence Release 8.5 or 8.6	<ol style="list-style-type: none"> <li>1. On the server that you are configuring the IP or hostname change, verify that the previously stopped services are running. If the services are not running, run the following CLI commands to restart the Cisco Unified Presence services in the following order: <ul style="list-style-type: none"> <li>• <code>utils service start Cisco UP XCP Config Manager</code></li> <li>• <code>utils service start Cisco UP Presence Engine Database</code></li> <li>• <code>utils service start Cisco UP XCP Router</code></li> <li>• <code>utils service start Cisco UP Sync Agent</code></li> <li>• <code>utils service start Cisco UP SIP Proxy</code></li> <li>• <code>utils service start Cisco UP OAM Agent</code></li> <li>• <code>utils service start Cisco UP Presence Engine</code></li> <li>• <code>utils service start Cisco UP Client Profile Agent</code></li> <li>• <code>utils service start Cisco UP Intercluster Sync Agent</code></li> <li>• <code>utils service start Cisco UP Config Agent</code></li> </ul> </li> <li>2. On the peer server in the same subcluster that you are configuring the IP or hostname change, verify that the previously stopped services are running. If the services are not running, run the following services CLI commands to restart the Cisco Unified Presence services in the following order: <ul style="list-style-type: none"> <li>• <code>utils service stop Cisco UP Presence Engine Database</code></li> <li>• <code>utils service stop Cisco UP SIP Proxy</code></li> <li>• <code>utils service stop Cisco UP Presence Engine</code></li> <li>• <code>utils service stop Cisco Client Profile Agent</code></li> <li>• <code>utils service stop Cisco UP Config Agent</code></li> </ul> </li> </ol>

If you are using:	Action
Cisco Unified Presence Release 8.6(4) or later	<ol style="list-style-type: none"> <li>1. On the server that you are configuring the IP or hostname change, verify that the previously stopped services are running. If the services are not running, run the following CLI commands to restart the Cisco Unified Presence services in the following order: <ul style="list-style-type: none"> <li>• <code>utils service start Cisco UP XCP Config Manager</code></li> <li>• <code>utils service start Cisco UP Route Datastore</code></li> <li>• <code>utils service start Cisco UP Login Datastore</code></li> <li>• <code>utils service start Cisco UP SIP Registration Datastore</code></li> <li>• <code>utils service start Cisco UP Presence Datastore</code></li> <li>• <code>utils service start Cisco UP XCP Router</code></li> <li>• <code>utils service start Cisco UP Sync Agent</code></li> <li>• <code>utils service start Cisco UP SIP Proxy</code></li> <li>• <code>utils service start Cisco UP OAM Agent</code></li> <li>• <code>utils service start Cisco UP Presence Engine</code></li> <li>• <code>utils service start Cisco UP Client Profile Agent</code></li> <li>• <code>utils service start Cisco UP Intercluster Sync Agent</code></li> <li>• <code>utils service start Cisco UP Config Agent</code></li> </ul> </li> <li>2. On the peer server in the same subcluster that you are configuring the IP or hostname change, verify that the previously stopped services are running. If the services are not running, run the following CLI commands to restart the Cisco Unified Presence services in the following order: <ul style="list-style-type: none"> <li>• <code>utils service start Cisco UP Route Datastore</code></li> <li>• <code>utils service start Cisco UP Login Datastore</code></li> <li>• <code>utils service start Cisco UP SIP Registration Datastore</code></li> <li>• <code>utils service start Cisco UP Presence Datastore</code></li> <li>• <code>utils service stop Cisco UP SIP Proxy</code></li> <li>• <code>utils service stop Cisco UP Presence Engine</code></li> <li>• <code>utils service stop Cisco UP Client Profile Agent</code></li> <li>• <code>utils service stop Cisco UP Config Agent</code></li> </ul> </li> </ol>

**Step 10** If High Availability (HA) was disabled before the hostname or IP address change, enable HA on all subclusters. Select **System > Cluster Topology** in Cisco Unified Presence Administration. For more information about how to enable HA, see the *Deployment Guide for Cisco Unified Presence*.

**Step 11** You must run a manual DRS backup after you change the IP address or hostname of a node, because you cannot restore a node with a DRS file that contains a different IP address or hostname. The post-change DRS file will include the new IP address or hostname.

**Related Topics**

- *Disaster Recovery System Guide for Cisco Unified Presence*
- *Integration Guide for Configuring Cisco Unified Presence for Interdomain Federation*

