Getting Started with Unified Communication Operations Dashboard

This chapter explains the following:

- Unified Communication Operations Dashboard, on page 1

Unified Communication Operations Dashboard

This section provides information on the following:

Introduction to Unified Communication Operations Dashboard

Unified Communication Operations Dashboard (UCOD) collects all the unified cluster information from more than one PCA node. It supports a maximum of 10 responders. UCOD collects cluster information like critical alerts etc., from different PCA servers, registered to one particular master. So, each PCA is a **Responder** which is communicating with one node called the **Master**.

Install master in a PCA node, and you may or may not install the responder in the same PCA node. The master shows cluster information from one or more responder(s) registered to the corresponding master.

Install Responder in PCA

Install Responder in PCA to see the **UC Operations Dashboard** menu. You can install **Master** and **Responder** (optional) in the same PCA server or install only **Responders** on the other PCA nodes.

Procedure

Click on **UC Operations Dashboard** tab to find the following submenus.

a) UCOD Landing page - The Landing page appears only after you register the master successfully. An appropriate error message notifies the user if the master is not registered.
b) Responder Settings page - Register the Master with the Responder.

What to do next

Launch UC Operations Dashboard

Register the Master IP Address to navigate to the UCOD Landing page sub menu from the UC Operations Dashboard tab.

Note If you do not register the Master IP Address, an error message notifies 'UC Operations Dashboard Master IP Address is not registered properly. Please register the Master with the Responder in the Responder Settings Page'.

Register the Master IP Address

Log in to **PCA.**

Go to **UC Operations Dashboard** → click Responder Settings.

Enter the Master IP address in **UCOD Master Node** field.

Check **Enable** and click **Apply**.

Once you register, access the Responder Settings page to register the Master with the Responder.

Procedure

- Click on **UC Operations Dashboard** (first submenu) tab, which leads you to **UCOD Login** page.
- Enter the User Name as **globaladmin** (lowercase letters) and enter the same Password as your PCA's password, which leads you to the UCOD Landing Page.
- No other user name except **globaladmin** is allowed. An error message notifies 'Invalid Username or Password. Please try again'.

What to do next

Unified Communication Operations Dashboard Landing page

Unified Communication Operations Landing page

This page consists of Unified Communication Manager Cluster Information, which displays following fields.

Field	Description
UCM Cluster	Name of the Cisco Unified CM Cluster (VCS Clusters are not supported).
Critical Alerts	Shows the Critical Alert count for the specified cluster
CPU Usage (Avg, Peak)	Shows the CPU Usage information based on the average and peak CPU Usage respectively of all the nodes that are part of the specified cluster.

Field	Description
Virtual Memory (Avg, Peak)	Shows the Virtual Memory information based on the average and peak Virtual Machine usage respectively of all the nodes that are part of the specified cluster based on the severity.
Disk Usage (Avg, Peak)	Shows the Disk Usage information of all the nodes that are part of the specified cluster based on the average and peak Disk Usage, respectively.
Calls (Attempted + Completed)	Shows the consolidated number of Attempted and Completed Calls for the specified cluster.
Unregistered Endpoints (%, Actual)	Shows the consolidated number of unregistered hard and soft endpoints for the specified cluster in percentage and the actual number of unregistered endpoints in this cluster . The symbols against the values represent the severity.
Unregistered Gateways (%, Actual)	Shows the number of Unregistered MGCP gateways for the specified cluster in percentage and actual number of unregistered endpoints in this cluster. The symbols against the values represent the severity.
Unregistered Media Resources (%, Actual)	Shows the number of Unregistered Media Resources for the specified cluster in percentage and actual number of unregistered endpoints in this cluster. The symbols against the values represent the severity.

Note CPU Usage (Avg, Peak), Virtual Memory (Avg, Peak) and Disk Usage (Avg, Peak) have symbols against the values, and these values are sorted based on severity.

All the above fields have a few symbols against the values, and they represent the **severity**.

Hover over these symbols to read the respective Threshold Criteria as well.

These hover message change accordingly based on any changes done to the Threshold Settings

The symbols and hover messages are explained below-

Symbols

1. Red cross-Critical

2. Yellow triangle - Warning

3. Green circle check - Information

Hover Messages

1. Threshold between 0 and 50% (inclusive)

2. Threshold between 50 and 70% (inclusive)

3. Threshold above 70%

How to access the submenus below settings on the UCOD Landing page

Click **Settings** icon on the top right corner of the **UCOD Landing** page to see the submenus below.

1. Threshold Settings

2. System Settings