Overview

This chapter contains the following sections:

About Cisco IMC Supervisor

Cisco IMC Supervisor is a management system that allows you to manage rack mount servers on a large scale. It allows you to create groups of rack mount servers for monitoring and inventory purposes.

You can use Cisco IMC Supervisor to perform the following tasks for a rack mount server:

- Support for logical grouping of servers and summary views per group

- Collect inventory for the servers

- Provide monitoring capabilities for servers and groups

- Firmware management including firmware download, upgrade, and activation

- Manage standalone server actions including power control, LED control, log collection, KVM launch, CIMC UI launch and e-mail alerts

- Role Based Access Control (RBAC) to restrict access

- Policy driven configuration

About Cisco IMC Supervisor Shell Commands

This guide describes all of the commands available to you when logging into the Cisco IMC Supervisor shell. You can use these commands to perform the following administrative tasks:

- Changing ShellAdmin password

- Display Service Status

- Stopping/starting all Cisco services

- Stopping/starting the MySQL database

- Backing up/restoring the appliance database

- Synching up time

- Pinging hostname/IP address

- Version (Cisco IMC Supervisor appliance version)

- Generating Self-Signed Certificate and Certificate Signing Request

- Importing CA (JKS) file

- Configuring network interface

- Displaying network details

- Troubleshooting by using Tail Inframgr logs

- Applying a patch to the appliance

- Shutting down the Appliance

- Rebooting the Appliance

- Manage Root Access

- Login as Root

- Clean Up Patch Files

- Enabling or disabling the debug logging information

- Resetting MySQL user password

- Terminating active GUI user sessions

- Quitting the shell

For additional system administration information refer to the *Cisco IMC Supervisor Rack-Mount Servers Management Guide*.

Prerequisite

To successfully execute the commands described in this guide, Cisco IMC Supervisor should be up and running (and reachable).

Note   The information in this guide is based on Cisco IMC Supervisor, release 1.0 and later releases.

Logging into the Shell

The login procedure requires the use of a Secure Shell (SSH) client and the correct login credentials. After gaining access to the Cisco IMC Supervisor appliance you can perform a wide variety of system administration tasks.

Before you begin

Obtain proper access to a Cisco IMC Supervisor appliance and a secure shell (SSH) application.

Procedure

Step 1   Open your SSH application.

Step 2   Enter the Cisco IMC Supervisor appliance IP address.

Step 3   In the **Port** field, enter **22**.

The shell window displays the introductory **Cisco UCS Director Platform - Cisco IMC Supervisor Shell Menu**.

Step 4   In the **User** field, enter **shelladmin**.

Step 5   In the **Password** field, enter the default password, **changeme**.

You can modify the default password.

Step 6   Press **Enter**.

The following services are available for selection:

```
Cisco IMC Supervisor Shell Menu

        Select a number from the menu below

            1)  Change ShellAdmin password
            2)  Display Services Status
            3)  Stop Services
            4)  Start Services
            5)  Stop Database
            6)  Start Database
            7)  Backup Database
            8)  Restore Database
            9)  Time Sync
            10) Ping Hostname/IP Address
            11) Show version
            12) Generate Self-Signed Certificate and Certificate Signing Request
            13) Import CA/Self-Signed Certificate
            14) Configure Network Interface
            15) Display Network Details
            16) Tail Inframgr logs
            17) Apply Patch
            18) Shutdown Appliance
            19) Reboot Appliance
            20) Manage Root Access
            21) Login as Root
            22) Clean-up Patch Files
            23) Collect Diagnostics
            24) Enable/Disable Debug Logging
```

```
25) Reset MySQL User Password
26) Terminating active GUI session(s) for user
27) Quit


SELECT>
```

Step 7 Enter the option number at the **SELECT>** prompt.