Launching UCS Server Configuration Utility

UCS Server Configuration Utility (SCU) is a bootable image based on a 64-bit Linux kernel and can be used to perform operations such as configure RAID logical volume, install operating systems, and perform diagnostics on Cisco rack servers. It is designed to run on one server at a time.

Note You can launch UCS-SCU from the F6 boot option on UCS C220 M3 and C240 M3 servers.

This chapter contains the following sections:

- Obtaining ISO Image From cisco.com, page 2-1
- Booting UCS-SCU, page 2-2
- Exiting UCS-SCU, page 2-4

Obtaining ISO Image From cisco.com

To find the ISO file download for your server online, follow these steps:

Step 1 Go to http://www.cisco.com/cisco/software/navigator.html.

Step 2 Click **Unified Computing** in the middle column.

Step 3 Click **Cisco UCS C-Series Rack-Mount Standalone Server Software** in the right-hand column.

Step 4 Click the name of your server model in the right-hand column.

Step 5 In the Select a Software Type list, select **Unified Computing System (UCS) Server Configuration Utility**.

The Download Software page appears listing the release version and the UCS-SCU image.

Step 6 Click **Download Now** to download the ISO file.

Step 7 Verify the information on the next page, then click **Proceed With Download**. If prompted, use your cisco.com credentials to log in.

Step 8 Continue through the subsequent screens to accept the license agreement and browse to a location where you want to save the SCU ISO file.

Booting UCS-SCU

You can launch the UCS-SCU application using one of the following options:

Using Virtual Media

You can use KVM Console to boot the UCS-SCU application with virtual media.

This section includes the following sections:

About KVM Console

KVM Console is an interface accessible from Cisco IMC that emulates a direct keyboard, video, and mouse (KVM) connection to the server. KVM Console allows you to connect to the server from a remote location.

Note   KVM Console requires Java Runtime Environment (JRE) version 1.5.0 or higher.

KVM Console has the following tabs:

- KVM—This tab displays the UCS-SCU application when the application is booted.
- Virtual Media—This tab allows you to map the following to a virtual drive:
  - CD/DVD on your computer or your network
  - Disk image files (ISO or IMG files) on your computer or your network
  - USB flash drive on your computer

Entering Virtual KVM Console

To enter the virtual KVM Console, follow these steps:

Step 1   Log in to Cisco IMC.

Step 2   Click **Launch KVM Console**.

Virtual KVM Console displays the server console.

Booting From Virtual KVM Console

Before You Begin

- Download the UCS-SCU ISO image file from cisco.com. For information on how to download the image, go to the "Obtaining ISO Image From cisco.com" section on page 2-1.

To boot the UCS-SCU application using virtual KVM Console, follow these steps:

Step 1   Log in to Cisco IMC from your desktop.

Step 2   Click **Launch KVM Console** to launch KVM Console.

Step 3   Click the **Virtual Media** tab.

The Virtual Media tab opens.

Step 4   Click **Add Image.**

Step 5   Navigate to and select the ISO file and click **Open** to mount the image.

Step 6   In the Client View section, select the check box in the Mapped column for the ISO file that you added and then wait for the mapping to complete.

KVM Console displays the progress in the Details section.

Step 7   Reboot the server by clicking **Power Cycle Server** in the Cisco IMC.

Step 8   Press **F6** when the server starts to select a boot device.

The boot selection menu appears.

Step 9   Use the arrow keys to select Cisco Virtual CD/DVD and then press **Enter**.

The server boots using the UCS-SCU image and launches the application in the KVM tab.

Using Physical Media

Before You Begin

- Download the UCS-SCU ISO image file from cisco.com. For information on how to download the image, go to the "Obtaining ISO Image From cisco.com" section on page 2-1.
- Create an .iso CD using an application that burns .iso CDs.

To boot the application on your server using a physical CD/DVD, follow these steps:

Step 1   Connect the USB DVD drive to the server through the USB port.

Step 2   Insert the physical media on to your DVD drive.

Step 3   Restart the server and press **F6** to enter the boot selection menu. Select **CDROM drive** as the boot device.

The server boots using the UCS-SCU image and starts the application.

Exiting UCS-SCU

To exit the UCS-SCU application, follow these steps:

Step 1   Remove the .iso disk from the disk drive.

Step 2   Click **Reboot** and then click **Yes** to confirm reboot of your server.