



## CHAPTER 2

# Getting Started with UCS-Server Configuration Utility

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This chapter helps you to get started with the UCS-Server Configuration Utility and contains the following sections:

[Supported Operating Systems, page 2-1](#)

[Supported Platforms, page 2-1](#)

[Hardware and Software Requirements, page 2-2](#)

[Obtaining the SCU .iso from cisco.com, page 2-2](#)

[Booting UCS-SCU from CD, page 2-3](#)

[Entering the Virtual KVM Console, page 2-3](#)

[Booting in the Virtual KVM Console, page 2-3](#)

[Exiting UCS-SCU, page 2-4](#)

## Supported Operating Systems

UCS-SCU supports unattended installation of the following operating systems:

- Windows Server 2003 x86 R2/SP2 32-bit/64-bit (only on C200/C210/C250 servers)
- Windows Server 2008 64-bit SP1 / SP2 / R2
- Red Hat Enterprise Linux 64-bit 4.8 (only on C200/C210/C250 servers)
- Red Hat Enterprise Linux 64-bit 5.3 / 5.4
- Red Hat Enterprise Linux 64-bit 5.5
- Red Hat Enterprise Linux 64-bit 6.0
- Novell SUSE Linux Enterprise (SLES) 64-bit 10.3 / 11 service pack 1

## Supported Platforms

The UCS-SCU is supported on the following Cisco platforms:

- C200-M1 and C200-M2
- C210-M1 and C210-M2

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- C250-M1 and C250-M2
- C460-M1

## Hardware and Software Requirements

The following are the minimum hardware and software requirements for UCS-SCU 2.0(1):

- **CD-ROM Drive**—A USB, IDE, or SATA CD/DVD-ROM drive is required to be able to boot and run the UCS-SCU. The CD/DVD-ROM drive is a prerequisite for operating system installation. You can also use the virtual media option in the CIMC KVM to boot UCS-SCU
- **Mouse**—Some functions require a standard mouse (PS/2 or USB) for navigation.
- **USB Disk on Key device**—Some functions require a USB disk on key, for example, saving UCS-SCU logs.
- **RAM**—A minimum of 1 GB RAM. If the available RAM is less than the minimum recommended value, UCS-SCU will not function properly.
- **Network Adapter**—Some optional functions, like downloading the most recent system update packages and OS drivers from support.cisco.com require network access. Any single on-board NIC adapter connection is supported.
- **RAID Cards**—RAID configuration and OS installation are supported on select controllers.

## Obtaining the SCU .iso from cisco.com

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

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- Step 1** See the following URL <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 Servers** in the right-hand column.
  - Step 4** Click the name of your model of server in the right-hand column.
  - Step 5** Click **Software on Chassis** in the right-hand column.
  - Step 6** Click **Unified Computing System (UCS) Server Configuration Utility**.
  - Step 7** Click the release number that you are downloading.
  - Step 8** Click **Download Now** to download the ISO file.
  - Step 9** Verify the information on the next page, then click **Proceed With Download**. If prompted, use your cisco.com credentials to log in.
  - Step 10** Continue through the subsequent screens to accept the license agreement and browse to a location where you want to save the utilities zip file.
  - Step 11** Extract the contents of the SCU zip file and note the location to which the SCU ISO file is saved.
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## Burning an .iso CD

To boot the UCS-SCU ISO image from a CD drive, you will need to make and use an .iso CD. You cannot simply copy the file from Cisco.com to a CD. To create an .iso CD, you must burn it using an application that burns .iso CDs.

To burn an .iso file, follow these steps:

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- Step 1** Obtain an .iso file from Cisco.com as described in the previous section.
  - Step 2** Create an .iso CD.
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## Booting UCS-SCU from CD

To boot the application on your server, follow these steps:

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- Step 1** Insert the Cisco UCS Server Configuration Utility CD on to your system.
  - Step 2** Restart the server, and press **F6** to enter boot selection menu and then select CDROM drive as boot device.
  - Step 3** Use the arrow keys to select Cisco Virtual CD/DVD, and then press **Enter**.
  - Step 4** The server boots using the UCS-SCU image and starts the application.
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## Entering the Virtual KVM Console

To enter the virtual KVM console, follow these steps:

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- Step 1** Log in to CIMC.
  - Step 2** Click **Launch KVM Console**. The Virtual KVM Console displays with the SCU home page.
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## Booting in the Virtual KVM Console

To boot in the virtual KVM console, follow these steps:

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- Step 1** Place the .iso image file in your desktop.
  - Step 2** Log in to CIMC from your desktop.
  - Step 3** Click **Launch KVM Console**.
  - Step 4** Click Tools -> Launch virtual media -> Add Image to map the UCS-SCU iso to vmedia.
  - Step 5** Reboot the server, and press **F6** when the server starts to select boot order.

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- Step 6** Use the arrow keys to select Cisco Virtual CD/DVD 1.17, and then press **Enter**.
- Step 7** The server boots using the UCS-SCU image and starts the application.
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## Exiting UCS-SCU

There are two ways you can exit the application:

- Use the **Reboot** button on the SCU toolbar. When you use the SCU toolbar, the virtual KVM Console no longer boots SCU.

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- Step 1** Remove the .iso disk from the disk drive.
- Step 2** Click **Reboot**, and then click **Yes** to confirm reboot of your server.
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