CHAPTER 1

# Introduction to Cisco UCS-Server Configuration Utility

This chapter contains the following sections:



## Overview

The Cisco UCS-SCU (Server Configuration Utility) is a web-based application that helps you manage server firmware updates and configuration, RAID configuration and unattended operating system installation. The utility helps you easily set up your servers from a single application.

USC-SCU is intended for system administrators responsible for upgrading, troubleshooting, and configuring the UCS C-Series server. As a system administrator, you can use it to update a server with the most recent system software, configure the BIOS boot order, configure a RAID volume on attached hard drives, and install an operating system.

## Integrated Features in UCS-SCU

UCS-SCU reduces the complexity and time associated with setting up Cisco servers. Server deployment is made easier. The wizard automatically locates and retrieves the most recent drivers, BIOS, and firmware updates. It guides you through questions to help quickly configure the server through automatic recognition of server hardware, with minimal reboots and an automated unattended operating system installation.

With UCS-SCU you can perform the following:

- Update your server with the most recent system software. You can get updates from a set URL, a network drive, or removable media. The firmware components that can be updated are: BIOS and CIMC.
- Configure the BIOS boot order.
- Configure a RAID volume on attached hard drives and install operating systems
- Install operating systems in a fully unattended mode. The most recent drivers for all on-board components are added from the Tools and Drivers CD or from other supported locations during the operating system installation.

UCS-SCU provides an easy to use, wizard style interface to perform various tasks. It is packaged onto a single CD which contains its own operating system (Linux), a GUI, and supporting files for setup and deployment. The utility can be booted off a CD (physical or vMedia) and runs completely in a RAMDISK.