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Cisco Driver Installer Utility, Release 3.0 User Guide

For Cisco UCS C-Series Servers
March 2012

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Preface

This preface describes the organization and conventions of the *Cisco Driver Installer Utility User Guide*.

Organization

This guide is organized as follows:

Chapter Number	Chapter Title	Description
1	Introduction	Contains an overview of the Cisco Driver Installer Utility.
2	Using the Cisco Driver Installer Utility	Contains information on using the Cisco Driver Installer Utility.

Related Documentation

Documentation for Cisco UCS C-Series Rack-Mount Servers is available at the following URL:

<http://www.cisco.com/go/unifiedcomputing/c-series-doc>

Documentation for Cisco UCS Server Configuration Utility 3.0 is available at the following URL:

http://www.cisco.com/en/US/products/ps10493/products_user_guide_list.html

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.



CHAPTER 1

Introduction

This chapter introduces you to the Cisco Driver Installer Utility 3.0. This chapter discusses the following topics:

- [Overview of the Cisco Driver Installer Utility](#)
- [Supported Operating Systems and Versions](#)
- [Supported Hardware Platforms](#)

Overview of the Cisco Driver Installer Utility

The Cisco Driver Installer utility enables you to install or update drivers for all Cisco supported devices. This utility is released with the Cisco UCS Server Configuration Utility (SCU) 3.0 release and is also available on the Cisco Flexible Flash card of the Cisco UCS C220 M3 and UCS C240 M3 servers.

The Graphical User Interface (GUI) of the utility lists all the Cisco supported device drivers that are installed in the server. It lists the installed driver version and the most recent driver version that is available. The **Action** column lists the action that you can take on each device driver. The value displayed can be either Install, Update, or Force Update. The **Action** column displays the value Install when no driver is installed for a device. The **Action** column displays the value Update when a more recent version of a driver is available. The **Action** column displays the value Forced Update when the version of the driver that is installed and most recently available version is the same, or when the installed driver version is more recent than what is available. Based on the values displayed in the **Action** column, you can install the driver updates. You can install the updates individually on each driver, or you can select all the drivers and initiate an update.

By using this utility, you can install updates for the drivers from vMedia or the Cisco Flexible Flash card, from the network or from <http://www.cisco.com>. For a few device drivers, you might have to restart the server for the most recent changes to take effect. In such instances, you are prompted to decide whether or not you would like to restart the system immediately for the changes to take effect. Until you restart your system, the most recent driver updates will not be used.

Supported Operating Systems and Versions

The Cisco Driver Installer utility supports the following operating systems:

- Windows Server 2008 R2 (64-bit)
- Windows Server 2008 R2 with SP1

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Supported Hardware Platforms

The Cisco Driver Installer utility is supported on the following hardware platform:

- Cisco UCS C220 M3 Series
- Cisco UCS 240 M3 Series



CHAPTER 2

Using the Cisco Driver Installer Utility

This chapter discusses the tasks that you can perform using the Cisco Driver Installer utility. This chapter discusses the following topics:

- [Opening the Utility](#)
- [Installing the Driver Updates](#)

Opening the Utility

The Cisco Driver Installer Utility is available on the Cisco Flexible Flash card of the server.

To open the utility, follow these steps:

-
- Step 1** Ensure that your server and operating system supports this utility.
For more information, see sections Supported Operating Systems and Versions and Supported Hardware Platforms.
- Step 2** To launch the utility from the Cisco Flexible Flash card, follow these steps:
- a. Access the volume named **UCS_SCU**.
 - b. Run the **SCUAutoRun.exe** file in the SCU root directory.
- Step 3** Click **Launch Cisco Driver Installer Utility**.
The Cisco Driver Installer utility opens.
-

When you open the utility, a list of all device drivers that are currently installed in the server is displayed, along with the available updated versions. The **Action** column indicates either Install, Update, or Force Update based on the current device driver version. The **Reboot** column indicates whether a reboot is required after the update is installed. The **Remarks** column indicates whether the update installation was successful.

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Installing the Driver Updates

After you open the Cisco Driver Installer utility GUI, you can either update the driver versions individually or you can select all the drivers and install the updates. Irrespective of what you choose to do, the procedure to install the updates is the same. Using this utility, you can install the driver updates from one of the following locations:

- Flex Flash
- A location on the network
- www.cisco.com

To determine the most recent driver versions, see the *Hardware and Software Interoperability Matrix for C Series Servers* available at:

http://www.cisco.com/en/US/products/ps10477/prod_technical_reference_list.html

To install updates on a driver, follow these steps:

-
- Step 1** Select the drivers on which you want to install the updates.
- After you select a driver, the **Driver Description** field is populated with information about the driver.
- Step 2** Click **Settings** to view the Driver Source page.
- Step 3** On this page, specify the location of the updates that you want to install. You can select one of the following:
- vMedia/Flex Flash
 - Network
 - Cisco.com
- Step 4** If you selected Flex Flash, driver updates are installed from the Cisco Flexible Flash card of the server.
- Step 5** If you selected Network, you should have already downloaded the driver package that contains the updated driver versions to a location on the network. This driver package is a zipped file that contains several other zipped files that contain the updated driver versions. To install the driver updates using the Network option, follow these steps:
- c. Click **Browse** to search for and select the zipped file that contains the updated driver version.
 - d. Click **Open**.
 - e. In the Driver Source dialog box, click **OK**.
- Step 6** If you selected Cisco.com, you are prompted to enter your registered username and password to access the driver updates on <http://www.cisco.com>.
- After you enter your credentials, the utility retrieves the driver packages from the website.
- Step 7** Click **Install** to start installing the driver updates.
- Step 8** To confirm that you want to continue with the installation, click **Yes** in the confirmation dialog box.
- A progress bar indicates the progress of the installation.
- Step 9** After the driver updates are installed, the **Remarks** column indicates Success.
- Some drivers might require a reboot for the new version to take effect. In such cases, you are prompted to determine if you would like to restart the server immediately or at a later time.
- Step 10** Click **Refresh** to view the updated version information of all the drivers.
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