

# Cisco Unified Communications Manager VM Dynamic Disk Size Reallocation COP File

Release Notes Version 1  
October 28, 2013

## **Introduction:**

These release notes contain important information about installation procedures for the VM Dynamic Disk Size Reallocation Cop file for Cisco Unified Communications Manager.

*Note:* Before you install this update, Cisco recommends that you review the *Important Notes* section for information about issues that may affect your system.

## **Increasing the disk size of a virtual disk:**

### **Purpose**

This section guides you through the process of increasing the size of a virtual disk. The procedure is necessary to accommodate data requirements that have changed since the creation of the virtual disk.

### **Resolution**

You must follow step below to increase the size of the disk partition(s).

**Caution:** VMware recommends that you back up your virtual machine before increasing the size of virtual disks.

The procedure for increasing the size of a virtual disk differs between VMware products. Follow the section below that matches your product.

In all cases, confirm the following before increasing the size of the virtual disk:

- All snapshots have been removed. For additional information, see Working with snapshots ([1009402](#)).
- The virtual machine is powered off.
- CUCM 9.1 and earlier requires cop file (see below)

*Note:* In ESX 4.1, you can extend and add virtual disks to a virtual machine when it is powered on (after installing VMware Tools). **However, CUCM requires a reboot to recognize the changes.**

### **Instructional Notes**

If you have ESX 4.0 or newer:

1. (UCM 9.1 and earlier only) Install the “ciscocm.vmware-disk-size-reallocation-1.0.cop.sgn” COP file.
2. Shutdown guest VM
3. Open VMware Infrastructure (VI) Client and connect to VirtualCenter or the ESX host.
4. Right-click the virtual machine.
5. Click Edit Settings.
6. Select Virtual Disk.
7. Increase the size of the disk.
8. Power on guest VM.

*Note:* If this option is greyed out then the disk may be running on snapshots or the disk may be at the maximum allowed size depending on the block size of the datastore

For further details on Virtual Disk Configuration, you can reference the vSphere Virtual Machine Administration Guide.

## Updates in This Release

Updates are cumulative, so installing this patch will provide all of the fixes in the New Updates section plus all of the fixes in the Previous Updates section if applicable.

### **New Updates**

CSCuc58936 VM Dynamic Disk Size Reallocation

### **Previous Updates**

N/A

## Related Documentation:

To view documentation that supports your version Cisco Unified Communications Manager release, go to:  
[http://www.cisco.com/en/US/partner/products/sw/voicesw/ps556/products\\_documentation\\_roadmaps\\_list.html](http://www.cisco.com/en/US/partner/products/sw/voicesw/ps556/products_documentation_roadmaps_list.html)

## Determining the Software Versions:

### **Unified Communications Manager**

You can determine the System Version of your Cisco Unified Communications Manager software that is running on your server by accessing Cisco Unified Operating System Administration.

The following information displays:

- System version: xxxxx
- VMware Installation: xxxxx

## Important Notes:

When upgrading to a new release of Cisco Unified Communications Manager, make sure that the updates in this release are included in the version you are upgrading to. If an ES or SU is installed after this update that does not also contain the fixes referenced in “*Updates in This Release*” then this update will need to be reapplied after the ES or SU is installed. However when the disk size is increased, it will remain in effect for the life of the VM.

## Installation Instructions:

As with any installation or upgrade, it is recommended that you apply this Update during off peak hours.

Applying this update will require a reboot.

This package will install on the following System Versions:

- 8.5.1.10000-xx or any higher version starting with 8.5.1.xxxxx
- 8.6.2.10000-xx or any higher version starting with 8.6.2.xxxxx
- 9.1.1.10000-xx or any higher version starting with 9.1.1.xxxxx
- 9.1.2.10000-xx or any higher version starting with 9.1.2.xxxxx

You can install a patch or upgrade version from a DVD (local source) or from a computer (remote source) that the server being upgraded can access.

*Note:* Be sure to back up your system data before starting the software upgrade process. For more information, see the Disaster Recovery System Administration Guide

### **From Remote Source:**

*Step 1:* Download `ciscocm.vmware-disk-size-reallocation-1.0.cop.sgn`

*Step 2:* Copy the upgrade to an ftp or sftp server.

*Step 3:* Open Cisco Unified Communications Operating System Administration directly by entering the following URL:

`http://server-name/cmplatform`

where server-name is the host name or IP address of the admin server.

*Step 4:* Enter your OS Administrator username and password.

*Step 5:* Choose Software Upgrades > Install/Upgrade.

*Step 6:* For the software location source, choose Remote File System.

*Step 7:* Enter the directory name for the software upgrade, if required.

If the upgrade file is located on a Linux or Unix server, you must enter a forward slash at the beginning of the directory path. For example, if the upgrade file is in the patches directory, you must enter /patches.

If the upgrade file is located on a Windows server, check with your system administrator for the correct directory path.

*Step 8:* Enter the required upgrade information as described in the following table:

Remote Server: Host name or IP address of the remote server from which software will be downloaded.

Remote User: Name of a user who is configured on the remote server.

Remote Password: Password that is configured for this user on the remote server.

Download Protocol: Choose sftp or ftp.

*Step 9:* To continue the upgrade process, click Next.

*Step 10:* Choose " ciscocm.vmware-disk-size-reallocation-1.0.cop.sgn " and click Next.

*Step 11:* In the next window, monitor the progress of the download, which includes the filename and the number of megabytes that are getting transferred.

When the download completes, the Checksum window displays.

*Step 12:* Verify the checksum value:

`5f:cf:ab:87:fb:37:c8:ef:a1:cc:c0:3a:f8:3e:89:22`

*Step 13:* After determining that the checksums match, click Next to proceed with the software upgrade.

A Warning window displays the selected option.

*Step 14:* Click Install.

The Install Status window displays and displays the install log.

*Step 15:* When the installation completes, click Finish

*Step 16:* Verify the COP file version using this command from the CLI:

`admin:show version active`

Active Master Version: 9.1.1.xxxxx-xx <-- Note: 9.1.1 is shown for example only; your version may vary

Active Version Installed Software Options:

ciscocm.vmware-disk-size-reallocation-1.0.cop