

Go to: [Ongoing Virtualization Operations and Maintenance](#)

Go to: [Implementing Virtualization Deployments](#)


Contents

- [1 Using the AFG and Virtual Floppy](#)
 - ◆ [1.1 Create A New Virtual Floppy Image](#)
 - ◇ [1.1.1 Windows](#)
 - ◇ [1.1.2 Linux Virtual Machine](#)
 - ◇ [1.1.3 Mac OS X](#)
 - ◆ [1.2 Upload a Virtual Floppy Image to a Datastore](#)
 - ◆ [1.3 Mount a Virtual Floppy Image](#)

Using the AFG and Virtual Floppy

To use the platformConfig.xml file with a virtual machine requires the use of a virtual floppy drive on the virtual machine.

The platformConfig.xml file can be generated here http://www.cisco.com/web/cuc_afg/index.html

 **Note:** After the Virtual Floppy image is created with the platformConfig.xml file in it the Virtual Machine boot order should be changed in order to avoid having to manually disconnect the floppy image in the middle of CUCM installation. If the boot order is not change, after the installer ejects the CDROM and reboots the Virtual Machine it will be stuck with "No Boot Disk Found" error while attempting to boot off the still connected Virtual Floppy Image.
Set the boot order to CD-ROM Drive then Hard Drive then Removable Devices and Network boot

Create A New Virtual Floppy Image

Windows

Follow this procedure to create a new virtual floppy image using the Windows platform.

1. Download and install Winimage (<http://www.winimage.com/download.htm>).
2. In Winimage, select **File > New**.
3. Select **1.44 MB** from *Standard format* and click **OK**.
4. Drag the platformConfig.xml file onto the Winimage window.
5. Click **Yes** when prompted to inject the file into Winimage.
6. Select **File > Save As**.
7. Select **Virtual floppy image** from the *Save as type* dropdown list.
8. Enter a file name and click **Save**.

Linux Virtual Machine

1. Create an empty floppy image of 1.44 MB as root:
`$/sbin/mkfs.msdos -C <directory>/<imagefile.img> 1440`

How_to_Use_the_AFG_with_the_Virtual_Floppy_Drive

2. Create a new directory called floppy1:
\$ sudo mkdir /media/floppy1/
3. Mount the directory:
\$ sudo mount -o loop /path/imagefile.img /media/floppy1/
4. Copy the XML file to the mounted directory:
\$ cp platformConfig.xml /media/floppy1
5. Unmount the directory:
\$ umount /media/floppy1

Mac OS X

1. On the terminal
dd if=/dev/zero bs=1024 count=1440 > floppy.img
2. Open Disk Utility Application. Go to File -> Open Disk Image -> floppy.img (Command + Option + O)
You will get an error indicating "no mountable file systems) Click OK
3. The Floppy Image will be added to the list of disks select it and go to the Erase Tab
4. Change Format to MS-DOS (FAT) and Click Erase
5. You can now copy the XML file (platformConfig.xml) to the mounted floppy image and eject it when you are done

Upload a Virtual Floppy Image to a Datastore

Follow this procedure to upload a virtual floppy image to a datastore:


1. Start the vSphere client.
2. If the host uses:
 1. Remote storage (for example, SAN), then select **View > Inventory > Datastores**.
 2. Local storage (for example, internal hard drive), then select the host and click the **Summary** tab.
3. Right-click on a datastore and select **Browse Datastore**.
4. Navigate to the desired directory and click the **Upload files to this datastore** icon.
5. Select **Upload File**.
6. Select the Virtual Floppy Image created in the preceding procedure and click **Open**.
7. Click **Yes** when upload/download operation warning window appears.
8. Close the Datastore Browser window.

Mount a Virtual Floppy Image

Follow this procedure to mount a virtual floppy image:

1. Start the vSphere client.
2. Select a virtual machine.
3. Select **Inventory > Virtual Machine > Edit Settings**.
4. Select **Floppy drive** from the *Hardware* tab.
5. Select **Use existing floppy image in datastore**.
6. Select **Browse**.
7. Select **All files** from the file type dropdown list, if the virtual floppy image does not use the .flp extension.
8. Locate the virtual floppy image and click **OK**.
9. Enable **Connected** and **Connect at power on** under *Device Status*.
10. Click **OK**.

How_to_Use_the_AFG_with_the_Virtual_Floppy_Drive

 **Note:** As with fresh installs on physical hardware, make sure the CD/DVD device is at the top of the BIOS boot order.

Back to: [Unified Communications in a Virtualized Environment](#)