



## Installing or Upgrading the UMS

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The Universal Media Services (UMS) is a media services platform for Cisco IPICS and its endpoints. The UMS can function with, or instead of, an RMS, and provides a variety of media hosting, streaming, mixing, transcoding, talker ID, and processing functions.

The UMS installs and operates in a dedicated VM. For a list of supported VMs, see *Cisco IPICS Compatibility Matrix*.

### Before You Begin

Deploy the VM OVA image for Cisco IPICS as described in the “[Obtaining and Deploying the VM OVA Image for the Cisco IPICS Operating System](#)” section on page 2-4. In [Step 1c](#) of this procedure in that section, make sure to download the `ums-4.9.1-2cpu.ova` file. After you deploy the VM OVA for your environment, you are ready to install or upgrade the UMS software on the server.

To install or upgrade the UMS software, follow these steps:

### Procedure

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- Step 1** If you are upgrading the UMS, take the following actions, otherwise, skip to [Step 2](#).
- a. From a client PC, take these actions to obtain the UMS installation file:
    1. Go to this URL (you must have a valid Cisco.com user ID and password to access this URL):  
<http://www.cisco.com/cisco/software/navigator.html?mdfid=280723930&flowid=7120>
    2. Click the **Cisco Release 4.9.2** link.
    3. Click **Download** next to **ums-4.9.2.bin**.  
Follow the onscreen instructions to download the UMS installation file to your local drive.
  - b. Copy the UMS installation file from your local drive to the following folder on the VM that you deployed for the UMS:  
**/root/installer**
  - c. Log in as the root user to the VM that you deployed for the UMS and enter the following commands to modify the permissions on the UMS installation file, where *installerfilename* is the name of the UMS installation file that you put on the server:  

```
[root]# cd /root/installer  
[root]# chmod 755 installerfilename.bin
```
- Step 2** Log in as the root user to the VM that you deployed for the UMS if you are not logged in already and enter the following commands, where *installerfilename.bin* specifies the name of the installer file:

```
[root]# cd /root/installer
```

```
[root]# ./installerfilename.bin
```

After a short time, you see a Welcome message.

If you are upgrading the UMS software on this server, continue to [Step 3](#).

If you are performing a fresh install of the UMS, skip to [Step 4](#).

**Step 3** If you are upgrading the UMS software, take either of these actions:

- Press 1 and **Enter** to install the UMS software. This process installs the UMS software and completely removes the older version of the software and its configuration information.
- Press 2 and **Enter** to upgrade to the UMS software. This process installs the UMS and retains the earlier UMS configuration information.



**Caution**

If you choose option 1, you lose all of your existing UMS configuration information.

**Step 4** When you are prompted to continue, type **y** then press **Enter**.

Text displays to inform you that you must read and accept the terms of the End User License Agreement (EULA) before you can proceed.

**Step 5** Take these actions:

- a. Press **Enter** to display the EULA.
- b. Press the **Spacebar** to scroll through and view the EULA, then type **y** and press **Enter** to continue with the installation.

You must accept the terms of the EULA to proceed.

**Step 6** When you are prompted to continue, type **y** then press **Enter**.

**Step 7** When you are prompted for a Cisco IPICS administrator password, enter an administrative password to be used for services on this server, then press **Enter**.

The password must follow these guidelines:

- Must contain at least 8 characters
- Cannot contain any variation of cisco or ocsic (for example, abCiSCo12 is not valid)
- Cannot contain three or more same consecutive characters (for example, a password that contains AAA or 888 is not valid)
- Must contain at least one uppercase letter, one lowercase letter, one number, and one special character (special characters include !, @, and #)

**Step 8** Reenter the Cisco IPICS administrator password when you are prompted to do so, then press **Enter**.

**Step 9** When you see the “Password accepted” message, press **Enter**.

**Step 10** When you are prompted to continue, type **y** then press **Enter**.

The UMS software installs on the server.

**Step 11** When you are prompted whether you want to reboot the server, type **y** then press **Enter**.

The server reboots and the installation is complete.

To configure the UMS, see *Cisco IPICS Administration Guide*.