



Installing the Cisco Video Assurance Management Solution

Before You Install

Before you install the Cisco VAMS, ensure that you complete the following tasks:

Tasks		Reference		
1.	Install Cisco 7600 routers, CRS-1 routers, and Catalyst 4948 switches for the supported cable or wireline	Cisco 7600 Series installation guides: http://www.cisco.com/en/US/products/hw/routers/ ps368/prod_installation_guides_list.html		
	architecture.	Cisco CRS-1 installation guides: http://www.cisco.com/en/US/products/ps5763/ prod_installation_guides_list.html		
		Cisco Catalyst 4948 installation guides: http://www.cisco.com/en/US/docs/switches/lan/ catalyst4900/4948-10ge/4948_10.html		
2.	Configure the Cisco 7600 routers, CRS-1 routers, and Catalyst 4948 switches for the supported cable or wireline architecture.	Cisco 7600 Series configuration guides: http://www.cisco.com/en/US/products/hw/routers/ ps368/products_installation_and_configuration_guides _list.html		
		Cisco CRS-1 configuration guides: http://www.cisco.com/en/US/products/ ps5763/products_installation_and_configuration_guide s_list.html		
		Cisco Catalyst 4948 configuration guides: http://www.cisco.com/en/US/docs/switches/lan/ catalyst4500/12.2/25ewa/configuration/guide/conf.html		
		http://www.cisco.com/en/US/docs/switches/lan/ catalyst4500/12.2/31sg/configuration/guide/conf.html		
		Also, consult configuration tasks documented in Cisco Internet Protocol Television (IPTV) Solutions, page ix.		

Table 2-1Prerequisite Tasks

Tasks		Reference	
3. • •	Install multicast-enabled IOS images: ¹ Cisco 7600 with 12.2(33)SRB2 image Cisco CRS-1 with IOS-XR 3.4.2 image Cisco Catalyst 4948 with 12.2(31)SG image	Cisco 7600 release notes: http://www.cisco.com/en/US/products/ps6922/ prod_release_note09186a00806c096f.html Cisco CRS-1 release notes: http://www.cisco.com/en/US/docs/ios_xr_sw/iosxr_r3. 4/general/release/notes/ reln_342.html Cisco Catalyst 4948 release notes: http://www.cisco.com/en/US/docs/switches/lan/catalyst 4500/release/note/ OL_9592.html	
4.	Install Cisco Multicast Manager 2.4 on a dedicated server.	Cisco Multicast Manager installation guides: http://www.cisco.com/en/US/products/ps6337/ prod_installation_guides_list.html	

Table 2-1	Prerequisite	Tasks	(continued)
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1. Download IOS software from http://www.cisco.com/public/sw-center/index.shtml.

Installation

Installing the Cisco Video Assurance Management Solution (Cisco VAMS) involves these high-level tasks:

Task		Reference	
1.	Ensure that you meet all prerequisites.	Prerequisites, page 1-13	
2.	Install Cisco ANA 3.6 on the target server.	http://www.cisco.com/en/US/docs/net_mgmt/ active_network_abstraction/3.6/installation/install_1.html	
3.	Install Cisco ANA 3.6.1 on the target server.	http://www.cisco.com/en/US/docs/net_mgmt/ active_network_abstraction/3.6_sp1/installation/guide/ Install-Book-Wrapper.html	
4.	Install Cisco ANA 3.6.2 on the target server. ¹	http://www.cisco.com/en/US/docs/net_mgmt/ active_network_abstraction/3.6_sp2/installation/guide/ Install-Book-Wrapper.html	
5.	Install the Cisco VAMS.	Install the Cisco VAMS, page 2-3	

1. If you encounter an error during installation of ANA 3.6.2, follow the workaround described here: http://www.cisco.com/en/US/docs/net_mgmt/active_network_abstraction/3.6_sp2/release_notes/rn36_sp2.html#wp82640

Install the Cisco VAMS

To install the Cisco VAMS:

Log in to the server as the root user.		
Insert the Cisco VAMS installation DVD into the DVD drive on your system.		
Check the system prerequisites such as required disk space. See Prerequisites, page 1-13.		
	If an older version of the Cisco VAMS exists, uninstall it. See Uninstall the Cisco VAMS, page 2-4.	
	Change the directory to the root directory on the DVD. For example:	
	cd /cdrom/cdrom0/	
	Start the installation script. For example:	
	./install.sh	
	The installation script prompts you to enter site-specific values for the installation.	
	When prompted to enter login information for the ANA, you must enter an administrative-level user I and password. If necessary, obtain this information from your administrator.	
	If your login information does not authenticate, retry by entering \mathbf{r} , or bypass the ANA authentication by entering \mathbf{y} .	
	The specified login and password do not authenticate. Do you wish to continue with the installation? $[Y(es)/N(o)/R(etry)]$:	
	If you enter y to bypass authentication, you must run the <i>setCimsCredentials.sh</i> script later! That scripts is in the <i>iptv/scripts/</i> directory. The Cisco VAMS will not operate correctly if you do not run the <i>setCimsCredentials.sh</i> script after a failed authentication.	
	After successful installation, continue to Chapter 3, "Configuring the Components of the Cisco Video Assurance Management Solution."	
	A message similar to this one should appear on your screen:	

User Guide for Cisco Video Assurance Management Solution 1.0

Uninstall the Cisco VAMS

To uninstall the Cisco VAMS:

```
Step 1
        Log in to the server as the root user.
        Insert the Cisco VAMS installation DVD into the DVD drive on your system.
Step 2
Step 3
        Change the directory to the uninstallation directory. For example:
        cd $ANAROOT/iptv/scripts
        where $ANAROOT is the ANA installation directory.
Step 4
        Start the uninstall script.
        ./uninstall.sh
        Do you want to remove this package? [y,n,?,q] ?
Step 5
        Enter y to continue. A message similar to this one should appear on your screen:
         ## Removing installed package instance <CSCOcims>
        ## Verifying package <CSCOcims> dependencies in global zone
        ## Processing package information.
        ## Executing preremove script.
        Restoring configuration file
         . . .
        Restarting ANA Gateway
         . . .
        Removal of <CSCOcims> was successful.
```