Main Menu Bar

Main Menu Bar

About CSM Server

Install and Download Dashboards

Search for a Host of Interest

Logout

CSM Server   Home   CCO Lookup ▾   Dashboards ▾   Search a host   Tools ▾

Lookup Software Information

Available Tools
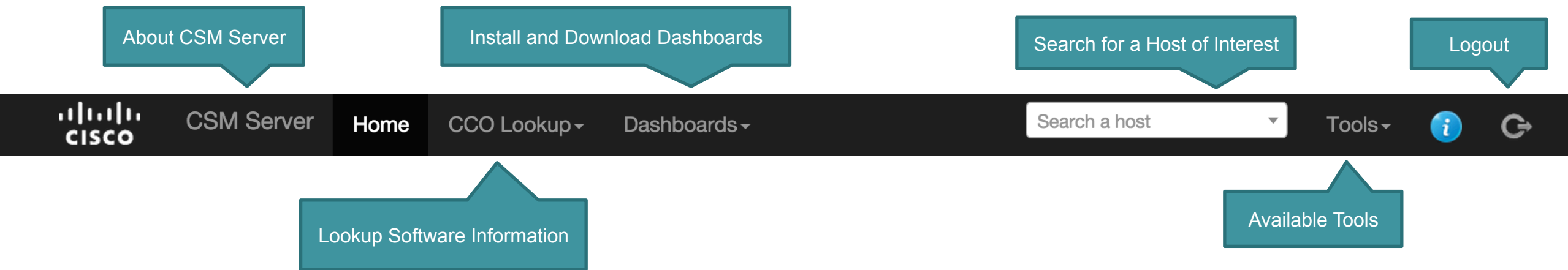
Home

Home

Schedule Installation for multiple hosts

🏠 Home

💼 Information

📅 Schedule Batch Installs

CSM Server

Server Time	05/13/2015 12:21 PM
Version	1.0
Login User	root
Privilege	Admin

Total Managed Hosts: 41

Platform	Software	# Host
asr9k-px	4.3.1	1
asr9k-px	4.3.4	1
asr9k-px	5.1.1.53U	1
asr9k-px	5.1.1	1

| Managed Hosts | Jump Servers | Regions | Server Repositories | Create ▾ |

Filter

10 ▾ records per page

Search:

Hostname	Region	TS or IP	Platform	Software	Last Successful Retrieval	Action
9010 Cluster (dsegovia)	185	172.28.22.23	ASR9K	5.1.1 (asr9k-px)	78d 11h 20m ago	Install
ASR9K-PE3	Cisco Telecom West Coast	172.28.98.6	ASR9K	5. (a		Install
ASR9K-PE4	Cisco Telecom West Coast	172.28.98.3	ASR9K	4.3.4 (asr9k-px)	12h 20m 46s ago	Install
ASR9K-PE5	Cisco Telecom West Coast	172.28.98.5	ASR9K	5.1.3 (asr9k-px)	12h 20m 23s ago	Install

Host Dashboard

Host that Failed Last Software Retrieval

Edit Host

Showing 1 to 10 of 41 entries

Number of Managed Hosts

← Previous | 1 | 2 | 3 | 4 | 5 | Next →

Page Navigation

4

Home Tab Options

Managed Hosts	Jump Servers	Regions	Server Repositories	Create ▾

- **Managed Hosts**
  - Managed hosts are Cisco IOS-XR devices on which scheduling tasks can be performed.
  - Each row represents one Cisco device.

- **Jump Servers (Optional)**
  - A jump server is the server that CSM logs into in order to connect to the managed hosts.
  - Many service provider environments place their devices behind a jump server. CSM first logs into the jump server, then to the router.

- **Regions**
  - A region is mapped to multiple server repositories.
  - All devices from the same region share the same set of TFTP, FTP, SFTP servers.

- **Server Repositories**
  - Where you define the TFTP, FTP, and SFTP server repositories.

- **Create**
  - Where you go to create managed hosts, jump servers, regions, and server repositories.

Create a Server Repository

- Specify a unique server repository name.

- Select a server type for the server repository where the software packages reside.

- For TFTP server, specify the TFTP server path (e.g. tftp://202.153.144.25/auto/tftpboot). A TFTP server path usually has a corresponding Unix file directory (e.g. /auto/tftpboot). Specify that directory in the File Directory so that CSM Server can browse the software packages.

- For FTP/SFTP server, specify the FTP/SFTP server address (e.g. ftp.easycgi.com or an IP address). If applicable, specify the remote directory. The remote directory is optional and should be relative to the default directory where FTP/SFTP client first connects.

- When scheduling an install, CSM Server uses this server repository information to provide the file and directory browsing function.

Create Server Repository

Server Repository Name	East Coast TFTP
Server Type	TFTP
TFTP Server Path	tftp://202.153.144.25/auto/tftpboot
File Directory (Used by CSM Server)	/auto/tftpboot

Check Reachability   Save   Cancel

Create Server Repository

Server Repository Name	West Coast FTP
Server Type	FTP
FTP Server Address	172.20168.19
Remote Directory	
Username	johnsmith
Password	••••••••

Check Reachability   Save   Cancel

Create a Region

- Specify a unique region name.

- Assign server repositories to the region.

- When creating a new host, a region is attached to the host.

- When scheduling an install, CSM Server uses the host's region to lookup server repositories and provide the file and directory browsing function.

Edit Region

Region Name   CA-SJ-18-LAB185

Server Repositories

Available Servers - showing 28

Filter

```
ACE server
Alberto ftp
BJ-RP-FTP
Cisco Telecom East Coast TFTP zeppelin-3
Cisco Telecom East Coast TFTP zeppelin-5
Dennis TFTP
Dsegovia Bldg 20
SJ20-4_3_1-CCO
SJ20-4_3_2-CCO
SJ20-4_3_4-CCO
```

Selected Servers - showing 11

Filter

```
Alex TFTP Server
Dsegovia Bldg 18
Eddie SFTP
SJ18-4_3_1-CCO
SJ18-4_3_2-CCO
SJ18-4_3_4-CCO
SJ18-5_1_1-CCO
SJ18-5_1_2-CCO
SJ18-5_1_3-CCO
SJ18-5_2_0-CCO
```

Save   Cancel

Create a Jump Server

- Specify a unique jump server name.

- Specify a connection type.

- Specify a sever name or the IP address of the server.

- Specify a telnet or ssh port number.

- A jump server may be assigned to a managed host if the managed host is behind the jump server.

Create Jump Server

| Server Name | sj20lab-as1 |

Connection Parameters

Connection Type	telnet ▼
Server or IP	sj20lab-as1
Port Number	Leave Blank for Default
Username	root
Password	•••••• 👁

Check Reachability   Save   Cancel

Create a Host

- Specify a unique host name.

- Select a platform and region for the managed host. Optionally, you may specify the role of the device. This will enable further filtering when creating batch schedule installs.

- If the device is attached to a terminal server, specify the terminal server IP.

- If the device is on the management network, specify the management IP.

- Multiple management IPs (i.e. RSP0 and RSP1) can be entered in the Terminal Server or Mgmt. IP field. Use a comma as the delimiter.

- Multiple terminal server ports can be entered in the Port Number field. Use a comma as the delimiter.

Create Host

Hostname	ASR9-PE2-R1
Platform	ASR9K ▾
Region	Pleasanton ▾
Roles	PE Router

Connection Parameters

Connection Type	telnet ▾
Terminal Server or Mgmt. IP	172.27.82.122
Port Number	Leave Blank for Default
Username	root
Password	•••• 👁
Jump Server	None ▾

Connect via Host Console Port

When a host console port is used for the connection, the syslog logging on the console should be disabled. Otherwise, it will interfere with the CSM Server operations as it interacts with the device.

- **To disable logging**
  - RP/0/RSP0/CPU0:GW# config
  - RP/0/RSP0/CPU0:GW(config)# logging console disable
  - RP/0/RSP0/CPU0:GW(config)# commit