

Admin Tools

Admin Console

Admin Menu – Requires Admin Privilege

- **Admin Console**
 - Allows the administrator to configure CSM Server.
- **Import Hosts**
 - Imports hosts via comma delimited texts.
- **Create User**
 - Creates new users on the system.
- **List All Users**
 - Displays all the users defined in the system. To make changes, click the user name of interest.
- **System Logs**
 - Displays all the system logs captured by CSM Server. These logs help determine anomalies that have occurred on CSM Server.

Admin Console - General

Process Settings

CSM Server must be restarted in order for the changes below to take place.

Number of Software Inventory Processes	<input type="text" value="5"/>
Number of Install Processes	<input type="text" value="10"/>
Number of SMU Download Processes	<input type="text" value="5"/>

Software Inventory Settings

CSM Server must be restarted in order for the changes below to take place.

Enable Software Inventory	<input checked="" type="radio"/> Yes <input type="radio"/> No
Hour to Perform Software Inventory	<input type="text" value="12:00 AM"/>

- **Process Settings**
 - The number of processes to use to retrieve software inventory information.
 - The number of processes to use to perform scheduled installation.
 - The number of processes to use to download SMUs or Service Packs.
- **Software Inventory Settings**
 - Enabled by default.
 - Specify the hour of the day to perform the software inventory function (i.e. retrieving software package information from managed hosts).
 - After the software inventory function is performed, CSM Server will perform other housekeeping tasks (see Housekeeping Settings).

Admin Console - General

Scheduled Install Settings

Allow Users to Schedule Install

Yes

No

Allow Scheduled Installs to Run

Yes

No

Housekeeping Settings

Software Inventory History Per Host

10

Install History Per Host

1000

SMU/SP Download History Per User

10

Total System Logs

10000

- **Scheduled Install Settings**

- By default, CSM Server enables users to schedule installations on managed hosts.
- By Default, CSM Server enables scheduled installations to run.

- **Housekeeping Settings**

- Specify the number of software inventory history records to keep per host.
- Specify the number of install history records to keep per host.
- Specify the number of SMU/SP download history records to keep per user.
- Specify the number of system log records to keep on the system.
- CSM Server will purge the history records based on the numbers specified on a daily basis (see Software Inventory Settings).

Admin Console - Authentication

LDAP Authentication

An example of the LDAP Server URL is ldap://ldap.cisco.com.

Enable LDAP ☒ Yes ☐ No

LDAP Server URL

Default Host Authentication

The default host authentication will be used when a host does not have username and password specified.

Enable Default Host Authentication ☐ Yes ☒ No

Default Host Username

Default Host Password ☐

- **LDAP Authentication**

- The LDAP user interface is only available if python-ldap is installed. Refer to the install guide on how to install python-ldap and required libraries.
- When a user is first authenticated with a LDAP server, if the user does not already exist in the CSM Server database, a new user will be created and assigned with a Network Admin privilege.
- By default, LDAP authentication is disabled. The LDAP Server URL can either be a non-secure or secure URL (i.e., ldap:// or ldaps://).

- **Default Host Authentication**

- Disabled by default.
- The default host authentication will be used when a host does not have username and password specified.

Admin Dashboard - CCO

Last Lookup Time: 08/19/2015 05:38 PM

When CCO Lookup is disabled, CSM Server retrieves previously saved software information from the database instead of contacting CCO. To refresh the database, use the Manual Retrieve All button. This will retrieve software information for all supported platforms and releases.

Enable CCO Lookup

Yes

No

Manual Retrieve All

- When Enable CCO Lookup is enabled, CSM Server will contact CCO for all software information inquiry.
- Click Manual Retrieve All to retrieve all software information from CCO for all supported platforms and releases. Information will be stored in the database.

Admin Console - Notifications

Email Notification Settings

Enable Email Notification

Yes

No

Outgoing SMTP Server

localhost

SMTP Server Port

25

Sender Email Address

johnsmith@mycompany.com

Logon Information

Server uses Authentication

Yes

No

Username

Password

Use Password on File

Secure Connection

SSL

- Enable email notification is disabled by default. Click Yes to enable it.
- Define the SMTP server information. Some SMTP servers may require user authentication. If that is the case, click Yes and define the user authentication information.
- CSM Server uses the SMTP settings to email users about scheduled install status.

Import Hosts

Import Hosts

Import Hosts

Platform

ASR9K

Region

Comma Delimited Data

To import Hosts, enter or paste the information in the text window below. Data fields must be comma delimited. If a data field contains commas, the data field must be double-quoted (e.g. ip and port may contain multiple values separated by a comma). If no username and password is specified, the default host username and password defined on CSM Server will be used. The first data line must be a header as shown below.

```
hostname,ip,username,password,connection,port <- header line  
myhost1,172.27.22.34,johnsmith,password,telnet, <- leave port field blank if not needed  
myhost2,172.27.22.35,davidsmith,password,ssh,"2033,2034"
```

Import

Cancel

- **Import Hosts**

- Select the platform type of the hosts to be imported.
- Select the region for the hosts to be imported.

- **Comma Delimited Data**

- Paste the comma delimited data in the text window. The first line must be a header line followed by the host data fields to be imported.
- The username and password fields are not mandatory. If no hostname and password is specified, CSM Server will use the default host authentication defined on the Admin Dashboard if it is enabled.
- The ip and port data fields support comma delimited values. In this case, double quotes must be used to quote the values.

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Create Users


Create Users

Create User


Username

johnsmith

Password

.....

Privilege

Network Admin

Active

Yes

No

Information

Full Name

John Smith

Email Address

johnsmith@mycompany.com

Save

Cancel

- Specify the username and password.
- Specify the user privilege.
 - Admin
 - Network Admin
 - Operator
 - Viewer
- Specify if the user is active or not. Active user is able to log into CSM Server.

Security Privileges


Four levels of security privileges:

- **Admin**
 - Users with this privilege have no limitation
- **Network Admin**
 - Users with this privilege can create hosts, jump servers, regions, and server repositories
 - Users with this privilege can schedule/modify/delete installations
 - They cannot access the Admin related functions
- **Operator**
 - Users with this privilege can only schedule/modify/delete installations
 - They cannot create hosts, jump servers, regions, and server repositories
- **Viewer**
 - Users with this privilege can only view information

System Logs










System Logs

- These logs are created when exceptions are encountered by CSM Server. They can be used for system debugging. These exceptions may or may not affect system stability and performance.
- Click the icon next to the title to download the system logs.

System Logs 

10 records per page

Search:

No. 	Severity 	Message	Created Time	Trace 
241	ERROR	Server error!	08/25/2015 08:41 PM	
242	ERROR	Server error!	08/25/2015 08:41 PM	
243	ERROR	bsd_service hit exception pid provided in the request is invalid. Please invoke the service with the valid pid.	08/25/2015 05:36 PM	
244	ERROR	DownloadManager hit exception - download job = 110	08/25/2015 05:36 PM	
245	ERROR	bsd_service hit exception pid provided in the request is invalid. Please invoke the service with the valid pid.	08/25/2015 05:35 PM	
246	ERROR	DownloadManager hit exception - download job = 109	08/25/2015 05:35 PM	
247	ERROR	bsd_service hit exception pid provided in the request is invalid. Please invoke the service with the valid pid.	08/25/2015 05:33 PM	
248	ERROR	DownloadManager hit exception - download job = 109	08/25/2015 05:33 PM	
249	ERROR	bsd_service hit exception pid provided in the request is invalid. Please invoke the service with the valid pid.	08/25/2015 05:30 PM	
250	ERROR	DownloadManager hit exception - download job = 109	08/25/2015 05:30 PM	

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