

# 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.

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**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.

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**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 Software Information Retrieval: 11/04/2015 01:29 PM

If CCO connection is disabled

- The ability to view DDTS information will be disabled.
- The ability to download software will be disabled.
- The ability to retrieve software information will cause CSM Server to retrieve previously saved software information from the database instead of from CCO. To refresh the database with up-to-date information, click the Retrieve Software information button.

**Enable CCO Connection**

Yes

No

**Retrieve Software Information**

- When Enable CCO Connection is enabled, CSM Server will contact CCO for all software information inquiry.
- Click Retrieve Software Information 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

- **General**

- Select the platform type of the hosts to be imported.
- If the import data does not contain a region, the selected region will be used as the default.

### Import Hosts

GENERALIMPORT DATA

If the import data does not contain a region, the region selected below will be used.

Platform

ASR9K

Region

Cisco Telecom West Coast

Next

# Import Hosts

- **Import Data**

- Click the Import Instructions button for detailed requirements of the import data.
- Paste the import data onto the text window. Then, click Finish to import the data.

## Import Hosts

GENERAL

IMPORT DATA

Import Instructions ▼

```
hostname,region,roles,ip,username,password,connection,port <- header (some fields are optional)
myhost1,blg 20,,172.27.22.34,johnsmith,password,telnet, <- leave blank for an empty field
myhost2,blg 20,PE,172.27.22.35,davidsmith,password,ssh,"2033,2034"
```

PreviousFinish

# 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	

Showing 241 to 250 of 2,163 entries

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