Cisco Software Manager Server

Upgrade Guide

This upgrade guide provides instructions on how to upgrade your current CSM Server to the latest version you received. You will need root access to install all the components. If you are a trusted user with administrative access to a system, you can add **sudo** to the beginning of an administrative command to execute it as if it were run by the root user. The server that hosts CSM Server will need to have Internet connectivity so it can download and install the necessary components.   If a proxy is required to reach secure sites (e.g. HTTPS), include the following statements in your ~/.bashrc in your user directory. Here is an example,

```
export http_proxy=http://proxy-wsa.esl.cisco.com:80
export https_proxy=$http_proxy
```

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1 Unzip the Latest CSM Server Code

This section assumes that CSM Server has been installed on /usr/local and you wanted to upgrade to the latest code. Copy csm-x.x.zip to /usr/local and unzip its contents.

```
cd /usr/local
unzip csm-x.x.zip
```

2 Shutdown CSM Server

```
cd /usr/local/csm/csmserver
sudo ./csmserver stop
```

3 Install New Python Modules

If you are using a virtual environment, make sure you are inside the virtual environment before proceeding.

The following modules need to be installed for CSM Server built prior to 12/23/2015.

```
sudo pip install csmpe==0.1.3
sudo pip install xlutils==1.7.1
```

4 Edit the Launch Script and database.ini

If you have previously made modifications to csmserver launch script (e.g., use a different python interpreter) or database.ini (e.g., use different username and password to connect to the database), you will need to make the same changes here.

```
sudo vi /usr/local/csm/csmserver/csmserver
sudo vi /usr/local/csm/csmserver/database.ini
```

5 Switch to the Latest Code

Rename the current CSM Server directory to csm_old and the csm-x.x to csm.

```
cd /usr/local
sudo mv csm csm_old
sudo mv csm-x.x csm
```

6 Restart CSM Server

```
cd /usr/local/csm/csmserver
sudo ./csmserver start
```

7 Restart CSM Server – Inside a Virtual Environment

Follow these steps only if you are running CSM Server inside a virtual environment. Copy the virtual environment directory (e.g. env) that contains python interpreter and library modules from the old application directory to the new application directory.

```
cd /usr/local/csm/csmserver
cp –R /usr/local/csm_old/csmserver/env .
source env/bin/activate
sudo ./csmserver start
```