# 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  Shutdown CSM Server

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

# 2  Backup Current CSM Server Version

Substitute xxxxxx with today's date, for example, 091216 (for Sept, 12 2016).  This will be the backup copy of your current CSM Server.

```
cd /usr/local
sudo mv csm csm-xxxxxx (i.e csm-091216)
```

# 3  Unzip the Latest CSM Server Code

You should have received a zip file in the format of csm-x.x.zip (x.x is CSM version).  While issuing the commands below, be sure to replace x.x with the correct version string.

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

# 4  Rename Top Level Directory (Optional)

If the CSM top-level directory is csm-x.x instead of csm, rename it.

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

# 5  Install New Python Modules

If you have previously used a virtual environment, copy the virtual environment from the old CSM version to the new one.

```
cd /usr/local/csm/csmserver
cp -R /usr/local/csm-xxxxxx/csmserver/env .
source env/bin/activate
```

Install the following Python modules.

```
sudo pip install csmpe==1.0.8
sudo pip install xlutils==1.7.1
sudo pip install scp==0.10.2
```

# 6  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
```

# 7  Restart CSM Server

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

# 8  Restart CSM Server – Inside a Virtual Environment

Follow these steps only if you are running CSM Server inside a virtual environment.

```
cd /usr/local/csm/csmserver
source env/bin/activate
sudo ./csmserver start
```