

Ubuntu 12.04 Upgrade Process

It is very important to make a backup of your important files before starting the upgrade. The upgrade is not guaranteed to work. Files to backup are:

- /home/sos/sos_stream_control.config*
- All files in */home/sos/sosrc* and */home/sosdemo/sosrc*
- Any custom files you need
- Any custom datasets you have created
- Alignment files in */shared/sos/site-config/alignment*

You can also run the following command, which will back up the major files to your spare computer:
/shared/sos/bin/site-backup

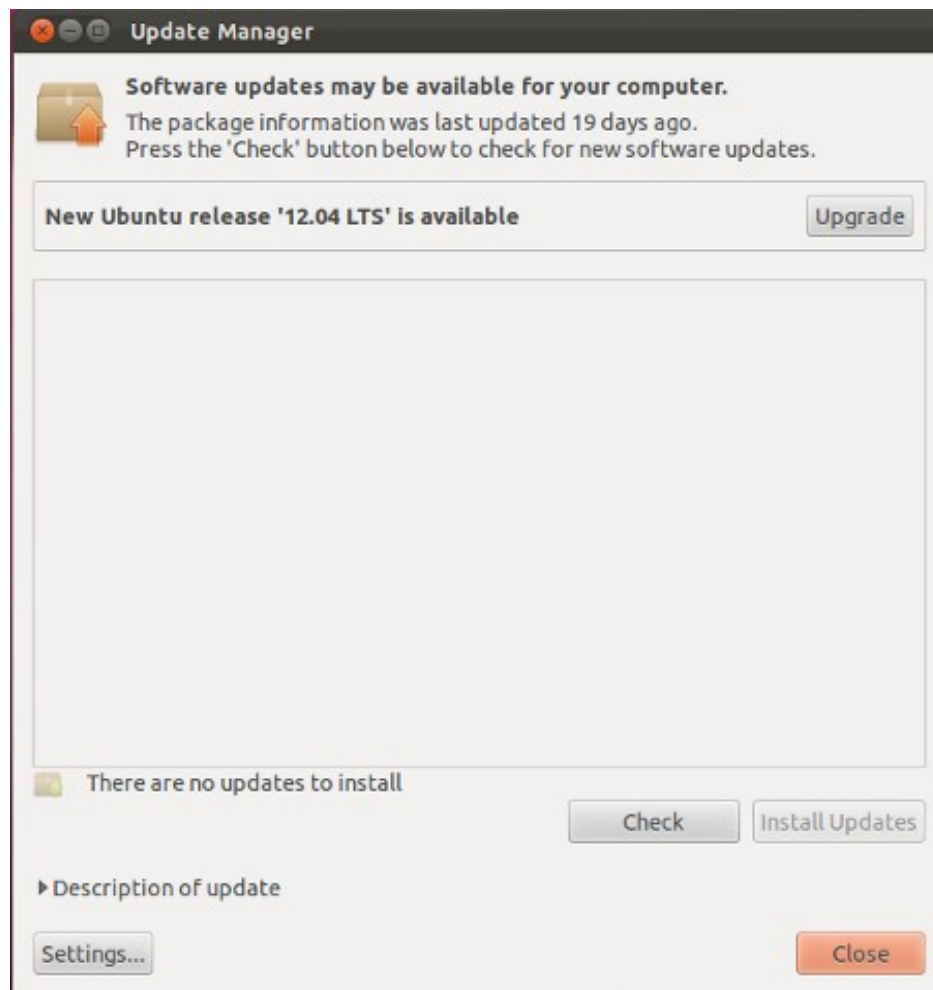
Getting started:

The upgrade process can take anywhere from two hours to 8 hours (or more). The process does not need to be constantly watched, but you will need to hit enter every once in a while to keep it going.

This should only be run on one of the computers at a time, keeping the other as a backup in case things fail. Make sure your spare is working before you start. Once everything is confirmed to be working, you can run the upgrade on the other computer.

Step A – Getting your system to 12.04

1. Get your system up to date. To do this, in a Terminal run:
sudo apt-get update
sudo apt-get dist-upgrade
Reboot after updating.
2. Upgrade to 12.04. To do this, run the Update Manager from the System → Administration menu. Select Upgrade at the top of the window as shown in the following picture.



If you can't see the Upgrade option:

Open up the Update Manager and click on the Settings button. Click on the Updates tab and then at the bottom change the “Notify me of a new Ubuntu version” to “For long-term support versions.” Close the settings and then click the Check button. You should then see the upgrade.

3. When it asks to change a file, keep the old file instead of the new file.
A popup window may appear with just squares and no text. Feel free to close it by clicking the X on the window.
You will need to restart for the changes to take place.

Step B – Getting SOS 4.0

1. Download the post setup script. In a Terminal run:
`wget http://sos.noaa.gov/ubuntu_internal/sos_update.run`
2. Run the update-script. In a Terminal, type:
`sh sos_update.run`
When Firefox opens, let it install Remote XUL Manager by clicking Install. Then it should ask to allow localhost as a trusted site and you need to click OK. Then close Firefox and the install will finish.
3. Reboot and then test your sphere. Hopefully everything worked.

If it fails (catastrophically):

If your system fails to update properly, you will need to do a complete reinstall.

Download the manual and follow the instructions from here:

http://sos.noaa.gov/ubuntu_internal/2PC_Install_Manual.pdf

If you have any problems, please email sos.gsd@noaa.gov.