

ME 344 Summer 2018

## CentOS Installation Guide

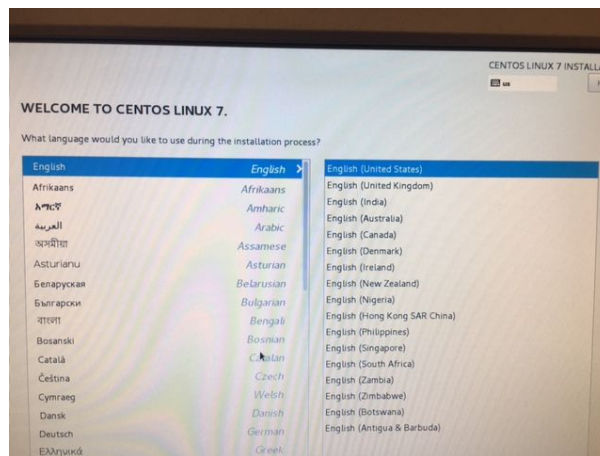
It is crucial that you **follow these steps carefully** so that you are able to ssh to a cluster to start the project.

### 1. Booting From the Disc

Insert the disc into the disc tray and then turn on the machine by pressing the power button. The machine will automatically boot from the disc. You will be brought to the CentOS installation screen. Select the first option by scrolling up with the arrow keys to begin the installation.

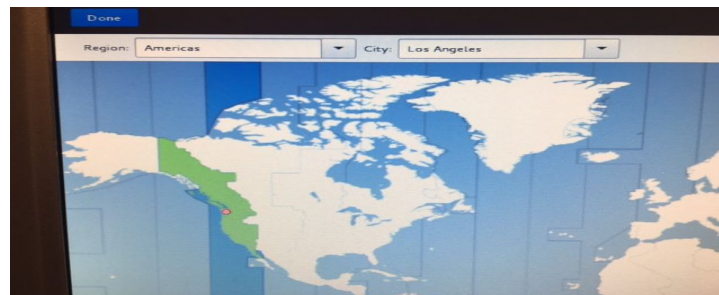
### 2. Language Selection

Make sure to leave the language selection as default (**English** and **English (United States)**). Click done.

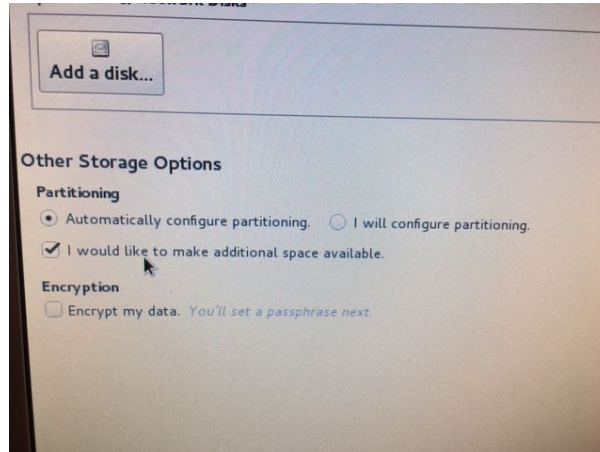


### 3. Installation Summary Options

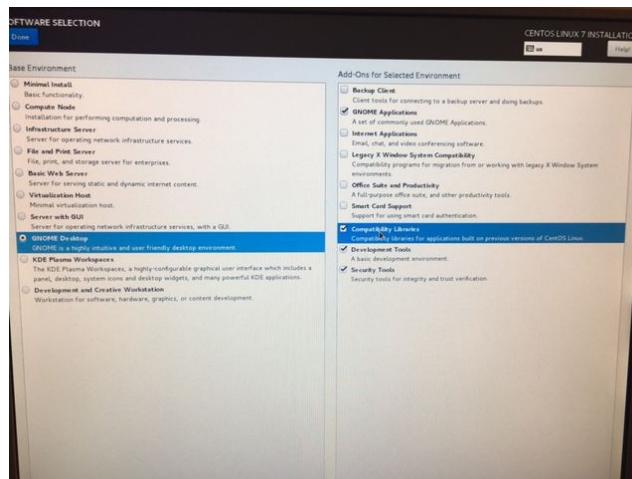
- a. **Date and Time:** Click on California so that the time zone matches California's location (**Los Angeles Time** can be chosen for example)



- b. **Installation Destination:** Click on the box that says **I would like to make additional space available**. Click Done. Once you are brought to the new screen after clicking done, click **Delete All** on the bottom right and then click **Reclaim Space**.



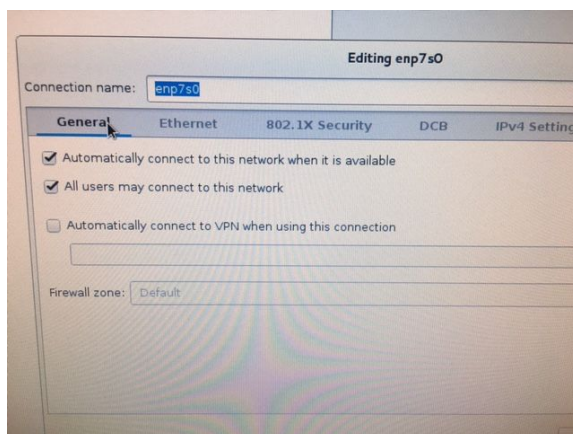
- c. **Software Selection:** On the left-hand side, click on the radio button that says **GNOME Desktop**. Then, on the right-hand side, make sure that **GNOME Applications**, **Compatibility Libraries**, **Development Tools**, and **Security Tools** are selected. Click done.



- d. **Network and Hostname:**

### Configuring eno1

Select eno1 and then click configure on the bottom right. Click on the **General** tab and make sure that **Automatically connect to this network when it is available** is checked.



Click Save

### Configuring eno2

Click on the **General** tab and make sure **Automatically connect to this network when it is available**. On the **IPv4 Settings** tab, make sure it is on **Manual** as well. Populate the fields as follows:

Address: 10.1.1.1

Netmask: 255.0.0.0

Click Save and then **begin installation**.

## 4. User Settings

### Root Password

Set the root password to **stanford** (case-sensitive)

### User creation

Fullname: stanford

Password: **stanford**

### Download Progress

Downloading and installing will take around 30 minutes. You must reboot the computer once the installation is finished. Once finished, head over to

[https://github.com/stanfordhpccenter/me344/blob/master/cluster\\_setup/cluster.md](https://github.com/stanfordhpccenter/me344/blob/master/cluster_setup/cluster.md)

Or grab it: svn export

[https://github.com/stanfordhpccenter/me344/trunk/cluster\\_setup/cluster.md](https://github.com/stanfordhpccenter/me344/trunk/cluster_setup/cluster.md)