CENTOS is open source Linux distribution.

Pre-requisites:

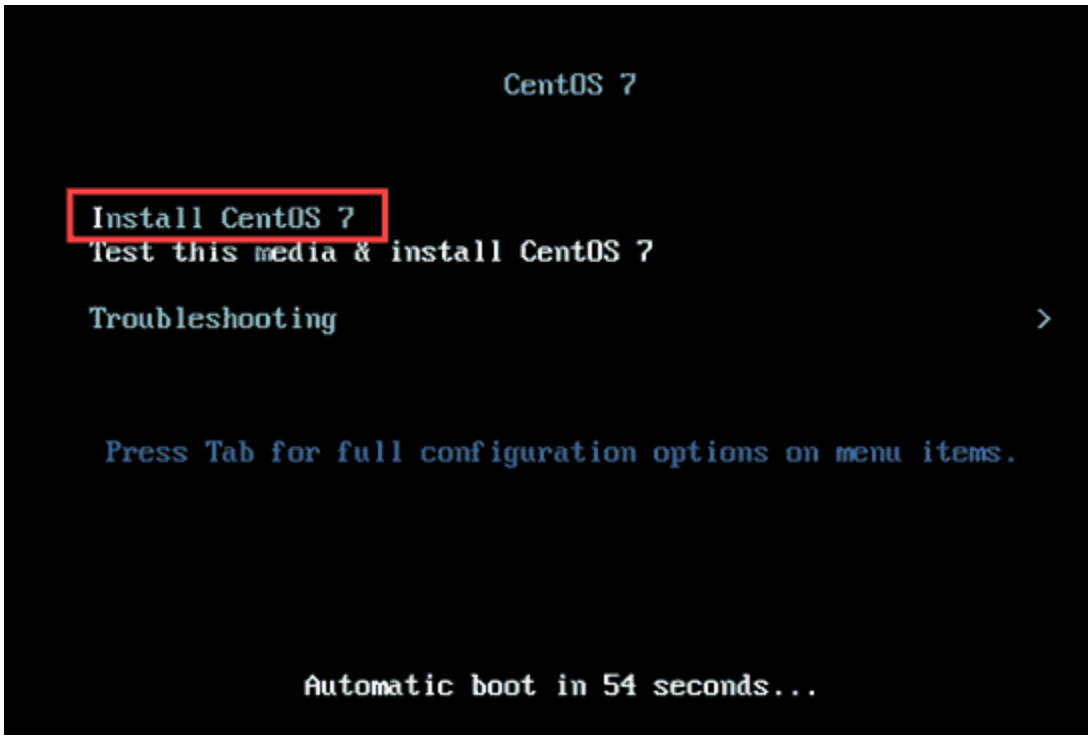
1. **Min 10 GB of disk space**
2. **Min 1 GB of RAM**

Download CENTOS 7 https://www.centos.org/download/

Make bootable device:

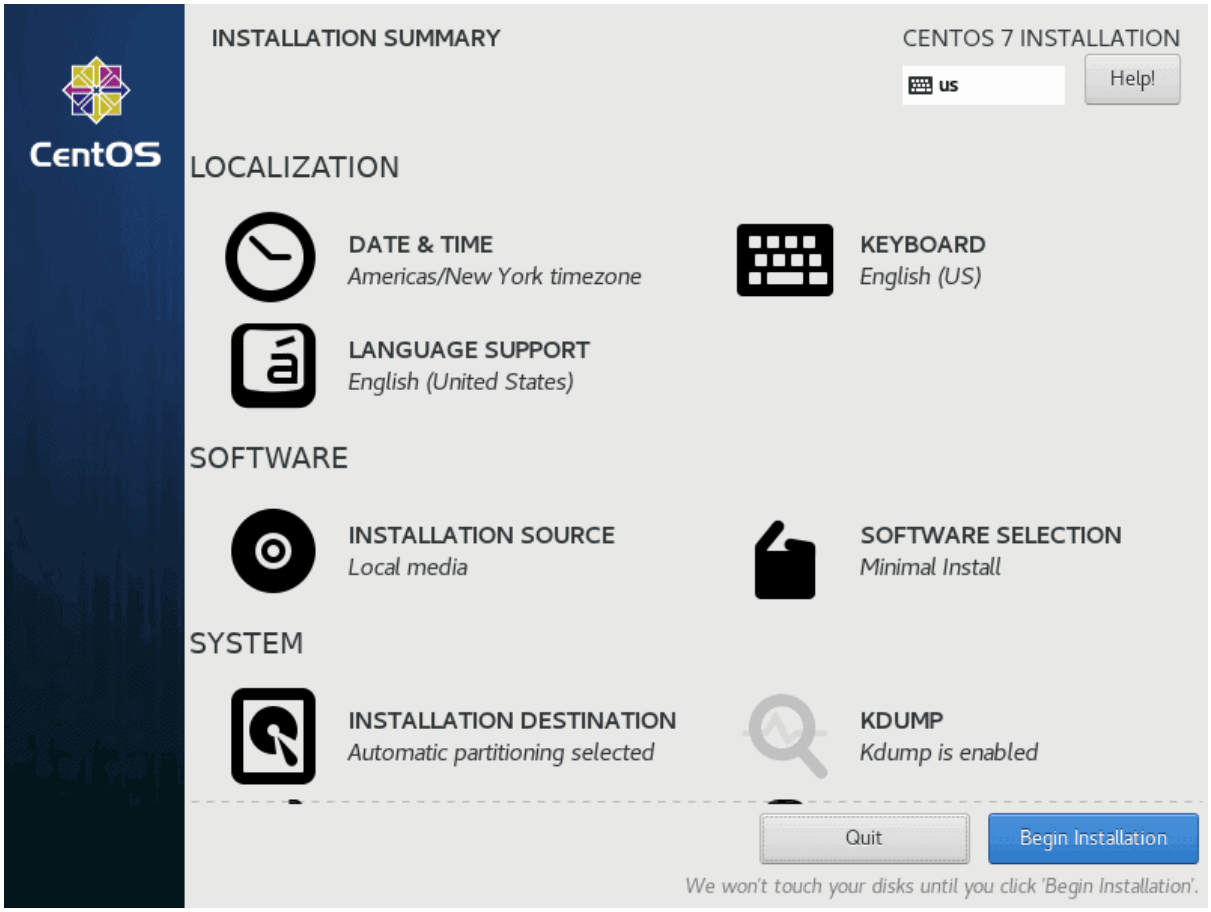
1. **USB disk of size 4GB or 4 GB DVD ROM**
2. **Create bootable ISO image with opensource software rufus or etcher**
3. **Bootable DVDROM ISO image file with opensource tools like nero or other**

Insert the bootable media (USB or CDROM or Network)



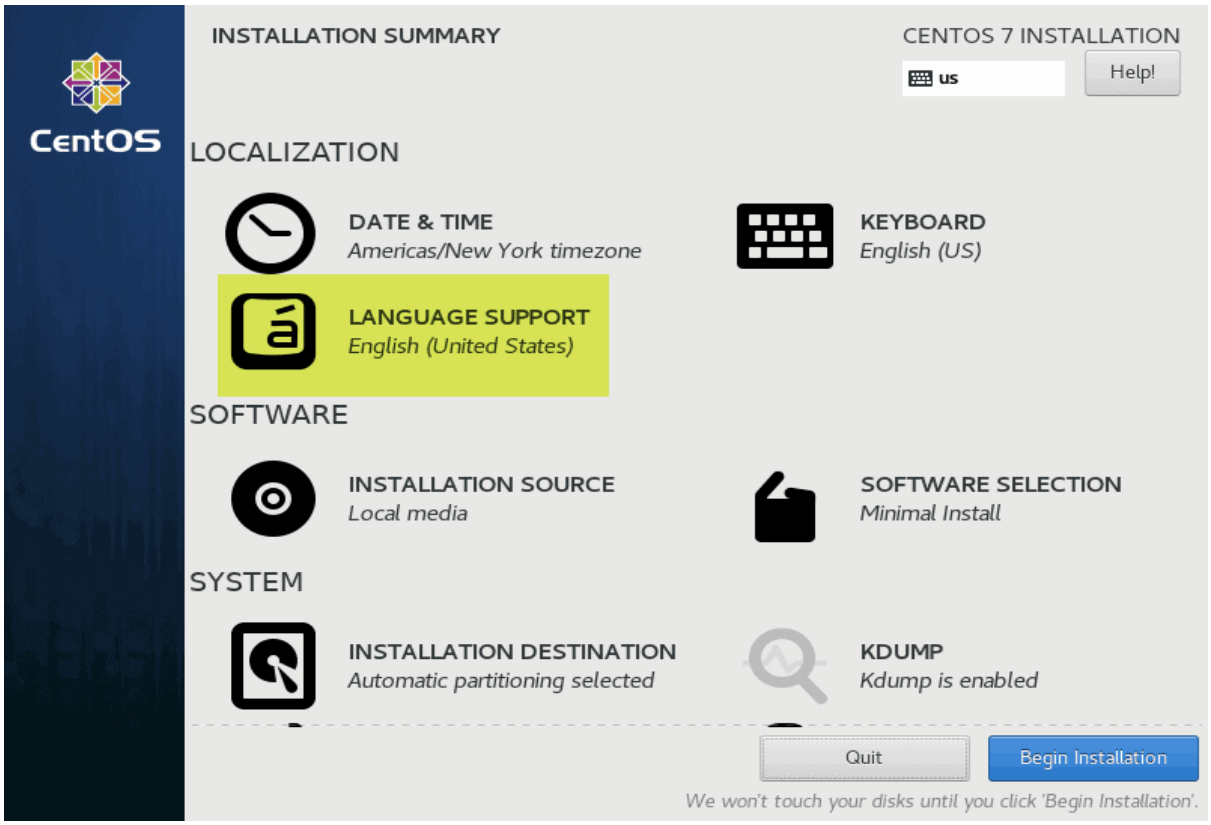
Select the language. Default option is English

Select Continue



ASIA/KOLKATA is timezone for IST

Keyboard Layout: English (US)



SOFTWARE Selection:

- ***Minimal Install. This is the most flexible and least resource-demanding option. Excellent for production environment servers. Be prepared to customize the environment.***
- ***Predefined Server Options. If you are 100% certain about the role of your server and don't want to customize it for its role, select one of the predefined server environments.***
- ***GNOME Desktop and KDE Plasma Workspaces. These environments include a full graphical user interface.***

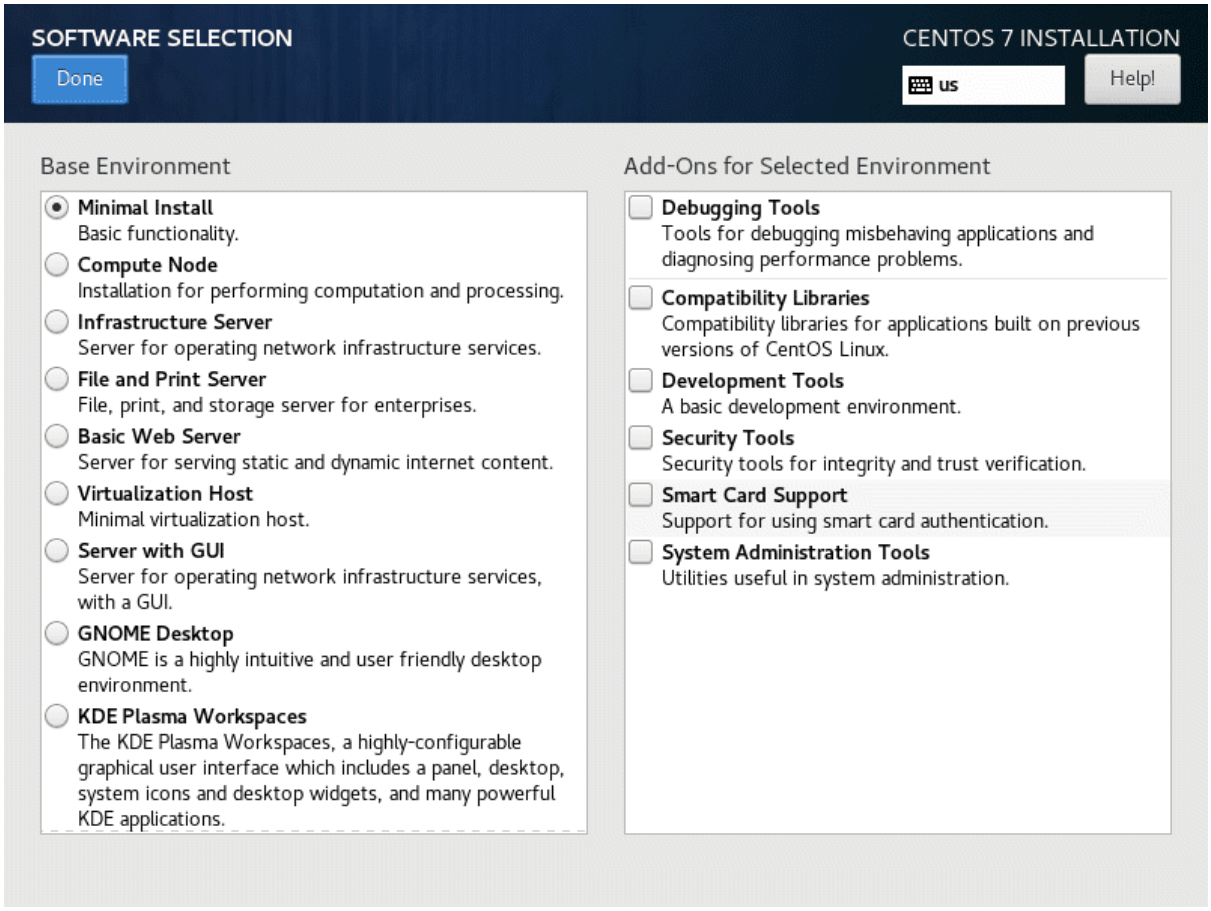
Partitioning

- ***Option 1: Automatic Partitioning***

  Under the **Other Storage Options** ***heading, select the*** **Automatically configure partitioning** ***checkbox. This ensures the selected destination storage disk will automatically partition with the /(root), /home and swap partitions. It will automatically create an LVM logical volume in the XFS file system.***

- ***If you do not have enough free space, you can reclaim disk space and instruct the system to delete files.***

- ***When finished, click the Done button.***
- ***Option 2: Manual Partitioning***
- ***Select the* I will configure partitioning *checkbox and choose Done.***

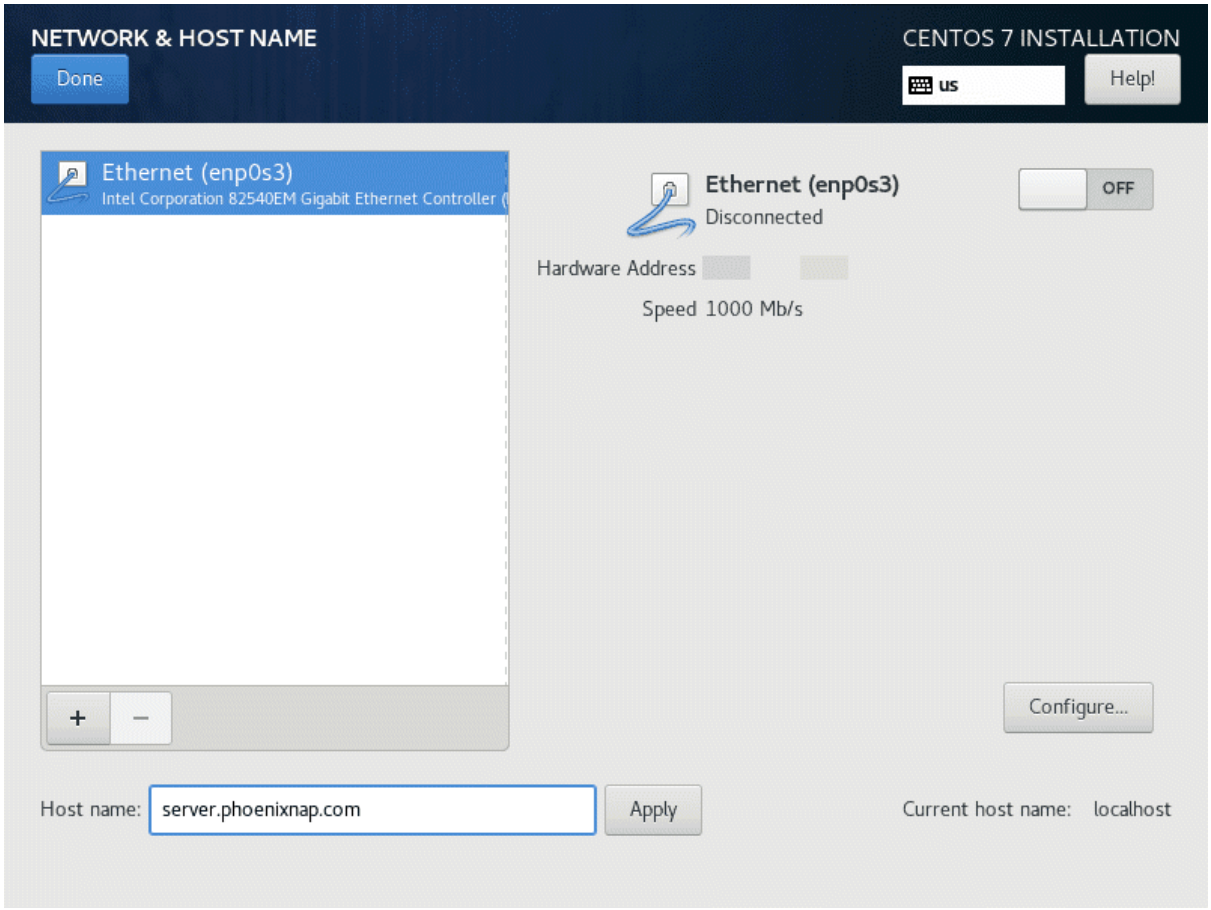


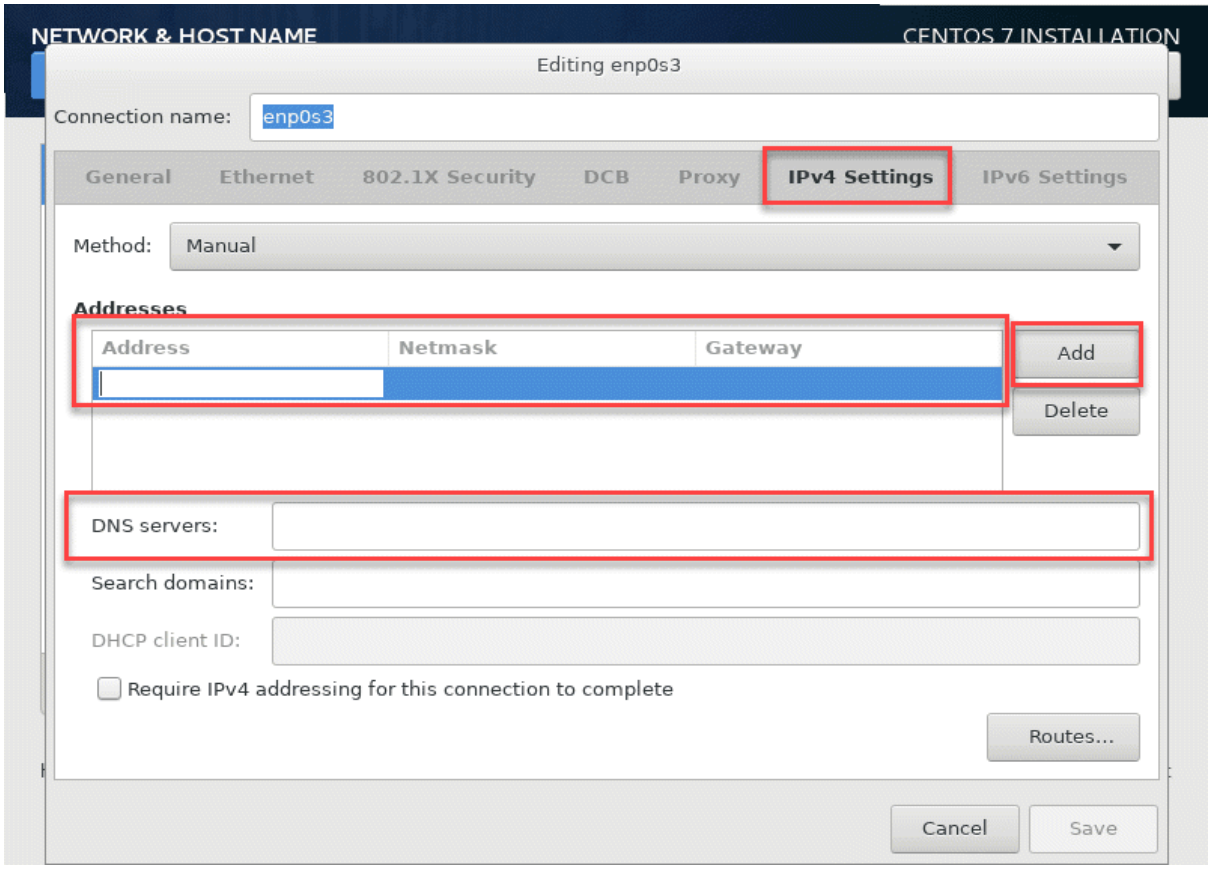
Network Configuration:

Set the Hostname

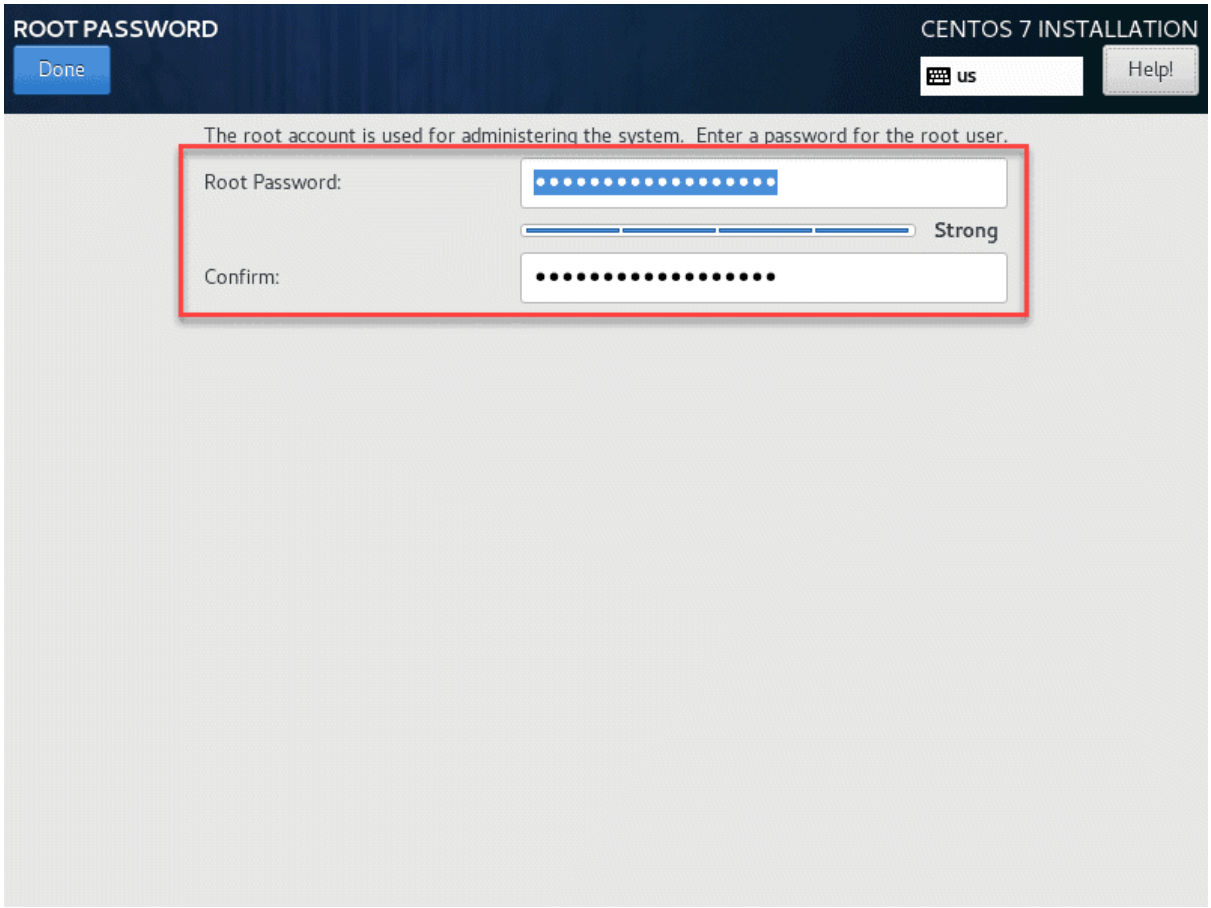
Assign IP address either static or DHCP

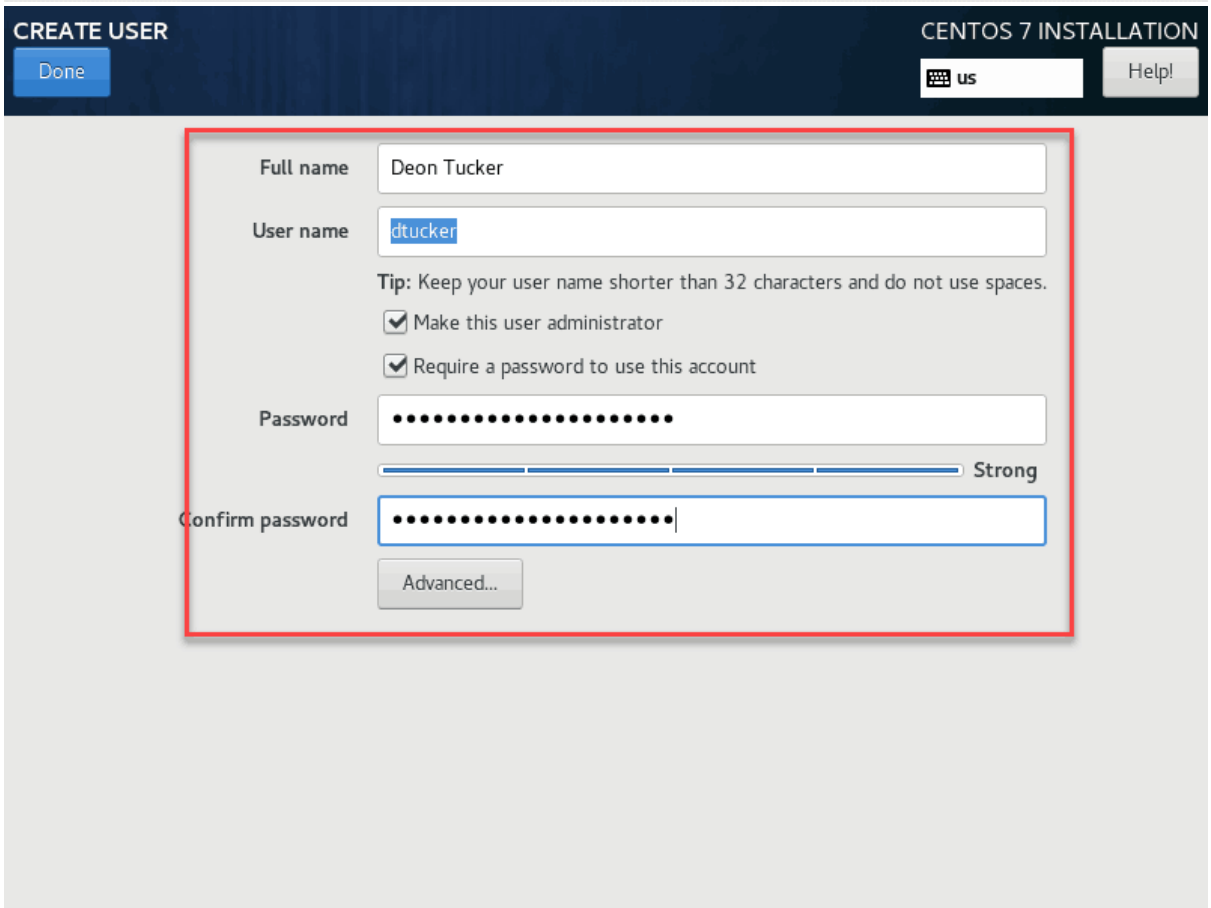
Make selection enable or disable for KDUMP and Security policy.

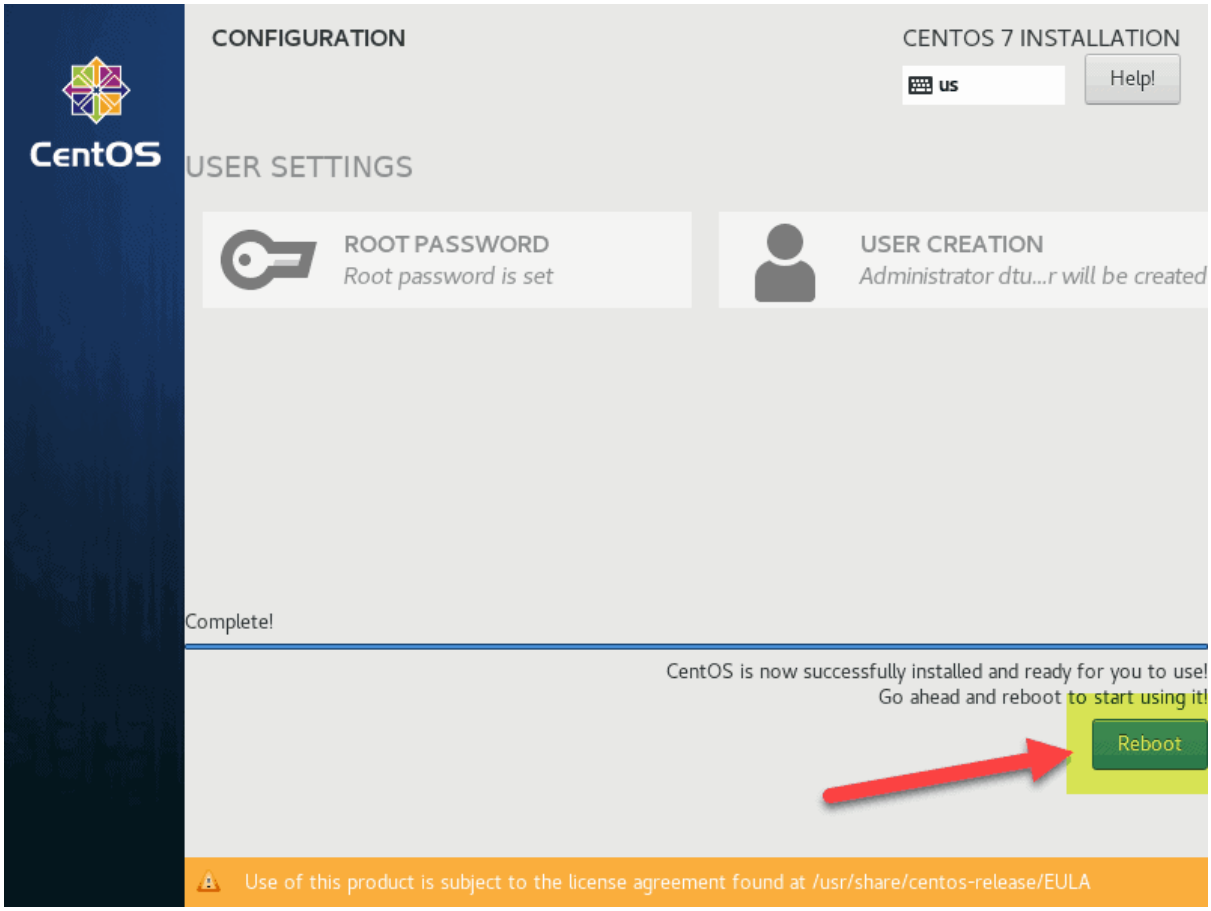




Set password for root account and create one user account


ROOT PASSWORD
Done
CENTOS 7 INSTALLATION
us
Help!
The root account is used for administering the system. Enter a password for the root user.
Root Password:
Strong
Confirm:


CREATE USER
Done
CENTOS 7 INSTALLATION
us
Help!
Full name
Deon Tucker
User name
dtucker
Tip: Keep your user name shorter than 32 characters and do not use spaces.
Make this user administrator
Require a password to use this account
Password
Strong
Confirm password
Advanced...


CONFIGURATION
CENTOS 7 INSTALLATION
us
Help!
CentOS
USER SETTINGS
ROOT PASSWORD
Root password is set
USER CREATION
Administrator dtu...r will be created
Complete!
CentOS is now successfully installed and ready for you to use!
Go ahead and reboot to start using it!
Reboot
Use of this product is subject to the license agreement found at /usr/share/centos-release/EULA