

CentOS 6.3 Installation via USB on GRID Servers

Creating Bootable USB for Cent 6.3: (from Windows)

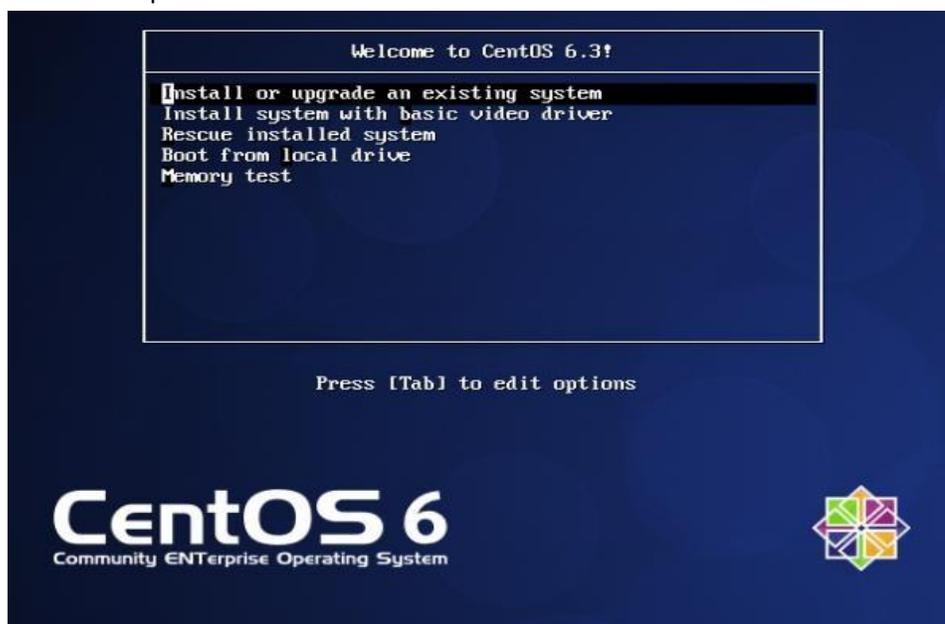
1. Download latest Universal-USB-Installer from [here](#) and run with USB connected to the computer.
2. Select the Ubuntu edition from the dropdown list which has same name as your ISO.
3. Provide the path of the ISO in second step.
4. Select the USB drive (need to be careful not to select your HDD partition).
5. Finally click on create button to successfully make the bootable USB.

Note: If your Distro ISO name is not available in the list then go to the last option available in the list “Try Unlisted Linux ISO” and select it to continue.

Installing the OS:

1. Boot from the USB to start the setup.
2. When you boot from USB having CentOS setup 5 options will pop up on the first screen:
 - Install or Upgrade an existing system
 - Install system with Basic video driver
 - Rescue installed system
 - Boot from Local drive
 - Memory test

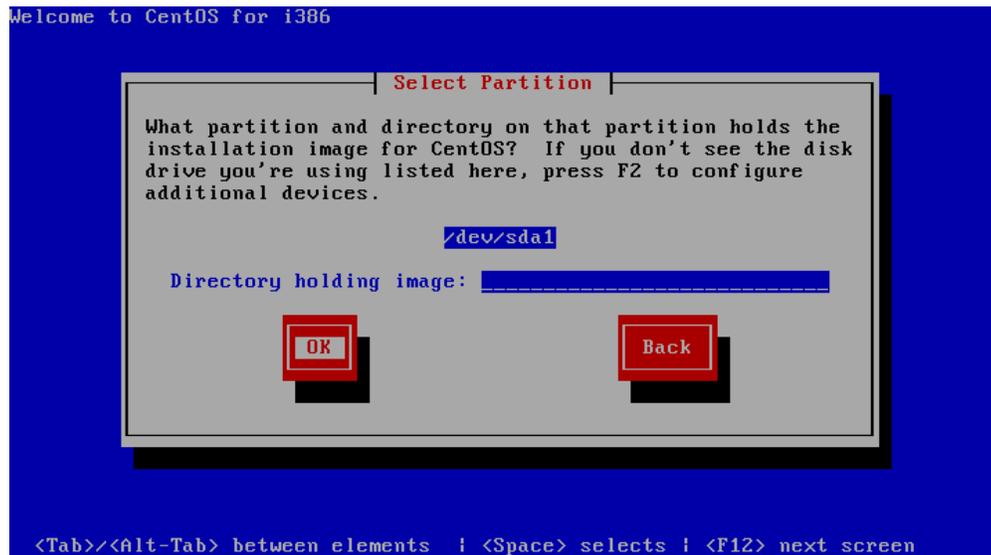
Select second option and continue.



3. Select preferred language in Choose a Language window and press Enter (Default English).
4. Select Keyboard Type in Next window.
5. Next window asks to select the option via which you intend to install the OS. While using USB select Hard Drive option and select OK



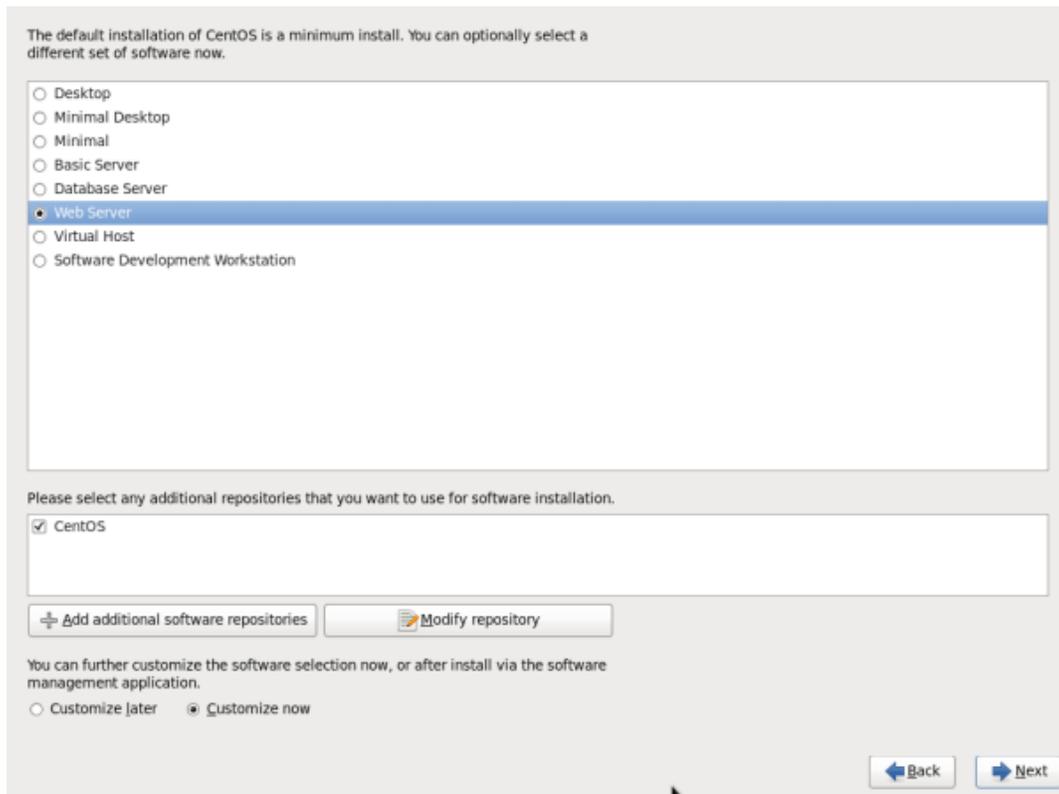
6. During installation, you will be asked where to find the installation image, select from hard disk. Select **/dev/sda1** option.



7. After this CentOS 6 Installation UI will come up. Select Next to continue.



8. In next few windows you can set the following:
 - set the computer name you want to set
 - set your region
 - set root password
9. In next screen, choose acceptable partitioning as per your demand. Select use all space option if you don't want to install any other OS on the same HDD.
10. Now since 2 storage devices are connected to the server, you will be prompted to select the Data storage device (USB) and Install Target Devices (HDD).
11. A pop up will come up providing 2 options, Select **Write changes to disk** (Will take 3-4 minutes for next screen to come).
12. In Next screen you will get to select what kind of CentOS installation you want:
 - Desktop
 - Minimal Desktop
 - Minimal
 - Basic Server
 - Database Server
 - Web Server
 - Virtual Host
 - Web Development Workstation



Select the one you want to install and click next.

13. Installation will start.

14. After successful installation, select reboot option.

15. Go through the license information, creating user setting password, Setting date and time option, And enable or disable Kdump. OS will ask for a reboot.

And Installation is complete.

Useful Tips after installation:

- SSH is preinstalled. You just need to enable the network from UI.
- Also you can go to TTY terminal by pressing Ctrl+Alt+F1-F6.

Common issues faced while installing CentOS from USB:

This point is very important while installing CentOS from USB drive; you need to copy full ISO into the root directory of USB for successfully completing the installation. If not the installation will give Mount error in between and quit.