

## How to install CentOS 7.3 Minimal 64 Bit.

### To install the OS:

1. Get the CentOS 7.3 (build 1611) Minimal ISO file from the CentOS download page <https://www.centos.org/download/> and burn it to CD/DVD.
2. Insert the CentOS disc into the drive of the machine and boot from it.
3. If you have used the installation media before, press the up arrow key at the Grub screen to select the install only option instead of the default 'media check and install' option.
4. Press the tab key and then type 'Linux biosdevname=0 net.ifnames=0' at the end of the line then press enter. The installer will now begin.
5. Select the correct language for the server and press "Next".
6. On the Summary Screen, check that the localization options (Date & Time, Keyboard, and Language Support) selected are correct.
7. Select the 'Installation Destination' option.
8. Make sure the disc is selected in "Local Standard Disks" area at the top of the screen, and that the 'Automatically configure partitioning' radio button is selected in the "Partitioning" section at the bottom of the screen. Press the "Done" button at the top left of the screen.
9. If a dialog appears warning about lack of space, click on the "Reclaim Space" button. Else go to step 11.
10. On the 'Reclaim Disk Space' dialog, click on the "Delete All" button, then on the "Reclaim space" button.
11. On the Summary Screen, select 'Network & Host Name'.
12. Enter a name for your server in the "Host name" box then press "Apply". Now press the "Done" button at the top left of the screen.
13. Select the "Begin Installation" button. Once you select this installation will begin.
14. On the Configuration screen, select the Root Password option.
15. Enter a root password for the server then press "Done". It may complain about password strength at the bottom of the screen. To continue to use the password press "Done" again.
16. Once complete, press the Reboot button. This will eject the CD/DVD media and reboot the system.

### Configure the network interfaces:

Once the server has restarted the IP must be set, type in the console;  
`# vi /etc/sysconfig/network-scripts/ifcfg-eth0`

Edit the following;  
`BOOTPROTO="static"`  
`ONBOOT="yes"`

and then add 3 new lines with the required information instead of the 'x's

```
IPADDR="xx.xxx.xxx.xxx"  
NETMASK="xxx.xxx.xxx.xxx"  
GATEWAY=" xxx.xxx.xxx.xxx"
```

To set the name server, type in the console;  
# vi /etc/resolv.conf

Add the following: nameserver 8.8.8.8

Save and exit then type in the console;  
# service network restart

### **Configure the hostname (if you did not during the CentOS install):**

For ease of recognition, set an appropriate hostname by running the following command (replacing HOSTNAME with the chosen name) and then restart the server.

```
# hostnamectl set-hostname HOSTNAME
```

### **Install 'wget':**

```
# yum install wget
```

### **Install Squire Repo configuration file**

```
# cd /etc/yum.repos.d/  
# wget http://repo.squire-technologies.co.uk/Squire.repo
```

--- End of guide --