Kernel Panic

Today's Perfect Scenario of Kernel Panic and how to fix it. Boot into the Linux
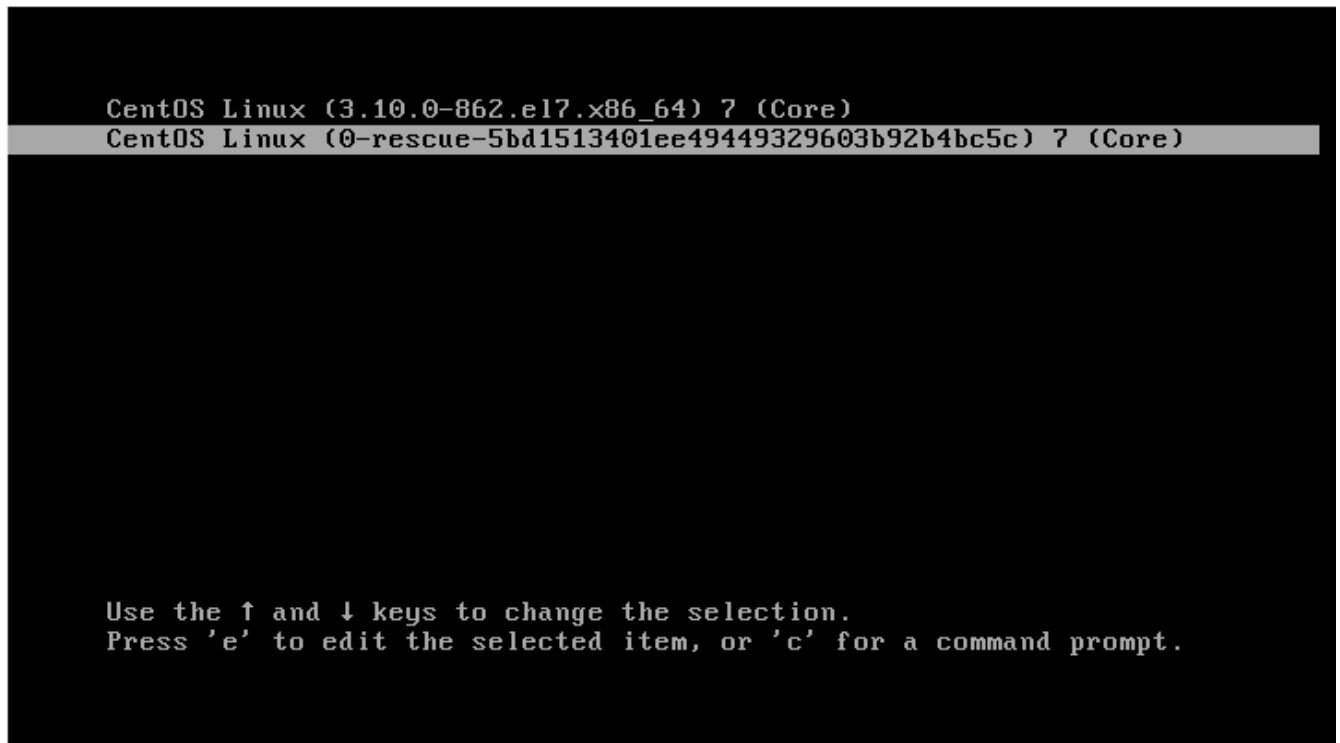


```
CentOS Linux (3.10.0-862.el7.x86_64) 7 (Core)
CentOS Linux (0-rescue-5bd1513401ee49449329603b92b4bc5c) 7 (Core)




















       Use the ↑ and ↓ keys to change the selection.
       Press 'e' to edit the selected item, or 'c' for a command prompt.
```
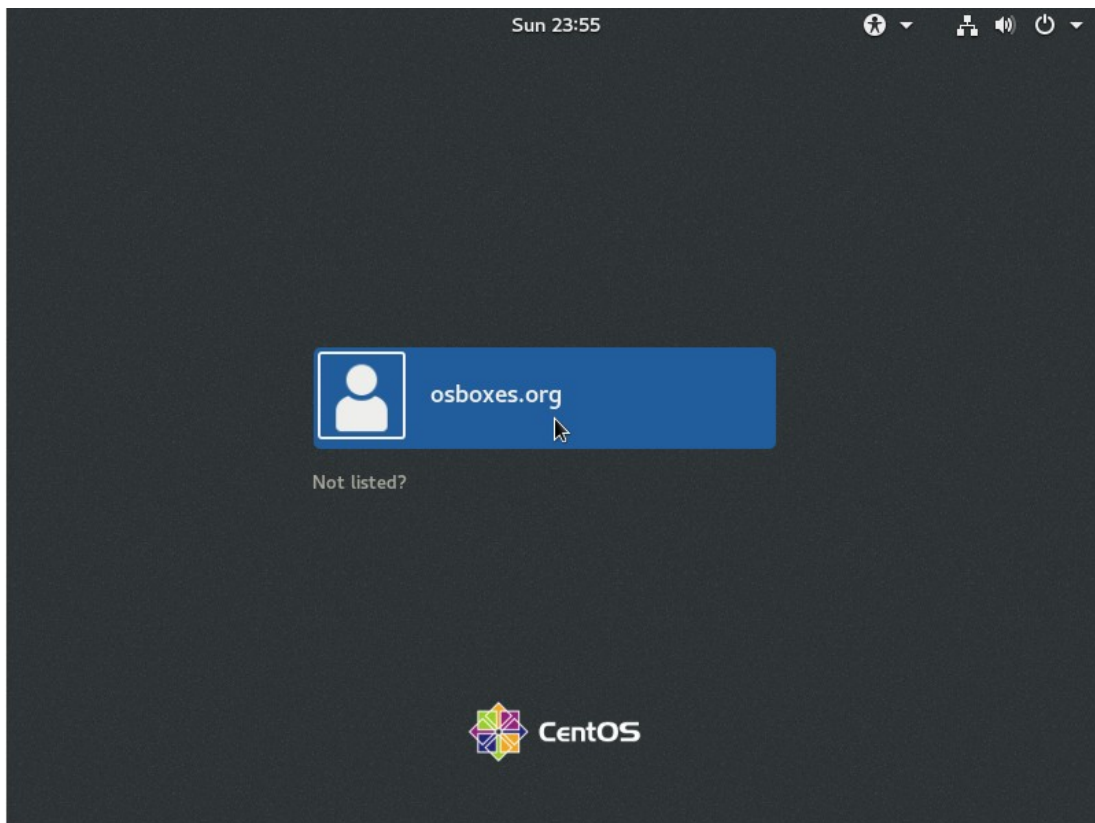
You will encounter this window in the and the error explaining which kernel is causing the panic.

```
error: file '/initramfs-3.10.0-862.el7.x86_64.img' not found.

Press any key to continue...
```

Now simply reboot your system and remember to select **Rescue Mode** which is the second option in this menu.

Please note your system will now boot into the Single User mode or Rescue Mode as some like to call it. Log into the system and open a terminal.

Navigate into the boot directory by using **cd /boot/** and now type the **ls -lrth** command to view the files in the directory.

Now we'll be using the **dracut** command to rebuild the kernel. Please note the **-f** in the dracut command is used for the *force*.

```
sudo dracut -f initramfs-3.10.0-862.el7.x86_64.img 3.10.0-862.el7.x86_64
```

You will see the following results that means <mark>no error outputs</mark>, that means you're all set. Now reboot your system and you can normally boot and continue working.

Please see the following screenshot, This is not required. But its a Advanced/Fancy way of rebuilding kernel.