

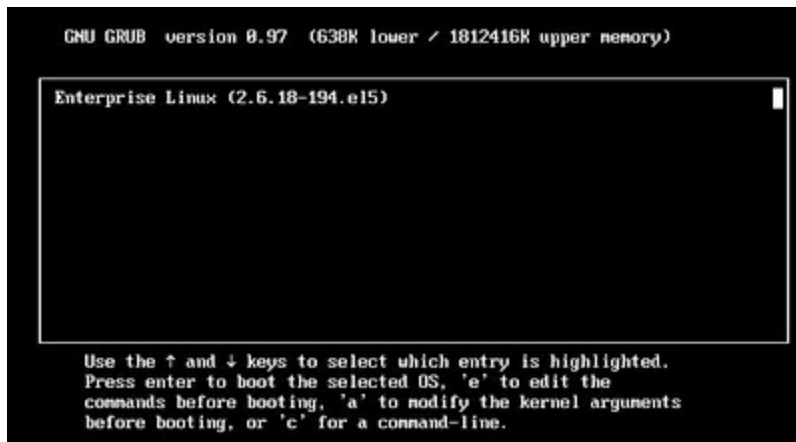
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Step By Step Instructions to reset root password in OEL 5.5

This document describes the steps to reset root password in Linux OEL 5.5 ,if we forget the root password.

Step 1 : Restart Linux Machine

Following screen will appear with a prompt that looks similar to the following:



```
GNU GRUB version 0.97 (638K lower / 1812416K upper memory)

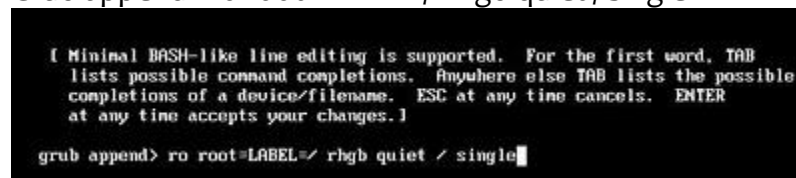
Enterprise Linux (2.6.18-194.el5)

Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the
commands before booting, 'a' to modify the kernel arguments
before booting, or 'c' for a command-line.
```

If we use the default boot loader, GRUB, we can enter single user mode. To do so, at the boot loader menu, use the arrow keys to highlight the installation we want to edit and type [a] to enter into append mode.

Step 2 : Press the Spacebar once to add a blank space, and then add the word single to tell GRUB to boot into single-user Linux mode. The result should look like the following:

```
Grub append> ro root=LABEL=/ rhgb quiet / single
```



```
[ Minimal BASH-like line editing is supported. For the first word, TAB
lists possible command completions. Anywhere else TAB lists the possible
completions of a device/filename. ESC at any time cancels. ENTER
at any time accepts your changes.]

grub append> ro root=LABEL=/ rhgb quiet / single
```

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Press [Enter] and GRUB will boot single-user Linux mode. After it finishes loading, you will be presented with a shell prompt similar to the following:

```
sh-3.2#
```

Step 3 : We can now change the root password by typing the below command

```
passwd root
```

```
Remounting root filesystem in read-write mode:
Mounting local filesystems:
Enabling local filesystem quotas:
Enabling /etc/fstab swaps:
sh-3.2# passwd root
Changing password for user root.
New UNIX password:
BAD PASSWORD: it is based on a dictionary word
Retype new UNIX password:
passwd: all authentication tokens updated successfully.
sh-3.2# _
```

We will be asked to re-type the password for verification. Once it is finished, the password will be changed.

Now we can restart the machine by typing `init 6`, this command will restart immediately