

Assignment No. 3

* Resetting a root Password in Ubuntu.

→ 1. Boot to Recovery mode.

Restart system and once you see the splash screen hold the shift key.
GRUB opens.

2. Select the highest revision and press enter.

3. Drop out to root shell

navigate to the option labeled root and press enter.

4. Remount file system with write-permissions to remount the drive with appropriate permission type:

`mount -o rw, remount /`

and press enter

5. Change Password.

type -

`passwd username`

and press enter. The system then asks to type a new password and to retype it.

Once entered and confirmed, reboot by entering:

`shutdown -r`

hit enter.

GNU GRUB version 2.04

```
*Ubuntu
Advanced options for Ubuntu
Memory test (memtest86+)
Memory test (memtest86+, serial console 115200)
```

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

GNU GRUB version 2.04

```
*Ubuntu, with Linux 5.4.0-26-generic
Ubuntu, with Linux 5.4.0-26-generic (recovery mode)
```

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

Recovery Menu (filesystem state: read-only)

resume	Resume normal boot
clean	Try to make free space
dpkg	Repair broken packages
fsck	Check all file systems
grub	Update grub bootloader
network	Enable networking
root	Drop to root shell prompt
system-summary	System summary

<Ok>

```
root@ubuntu:~# mount -rw -o remount /
```

```
root@ubuntu:~# mount -rw -o remount /
root@ubuntu:~# passwd blackhat
New password: _
```

```
root@ubuntu:~# mount -rw -o remount /
root@ubuntu:~# passwd blackhat
New password:
Retype new password:
passwd: password updated successfully
root@ubuntu:~# _
```

```
root@ubuntu:~# mount -rw -o remount /
root@ubuntu:~# passwd blackhat
New password:
Retype new password:
passwd: password updated successfully
root@ubuntu:~# shutdown -r
```