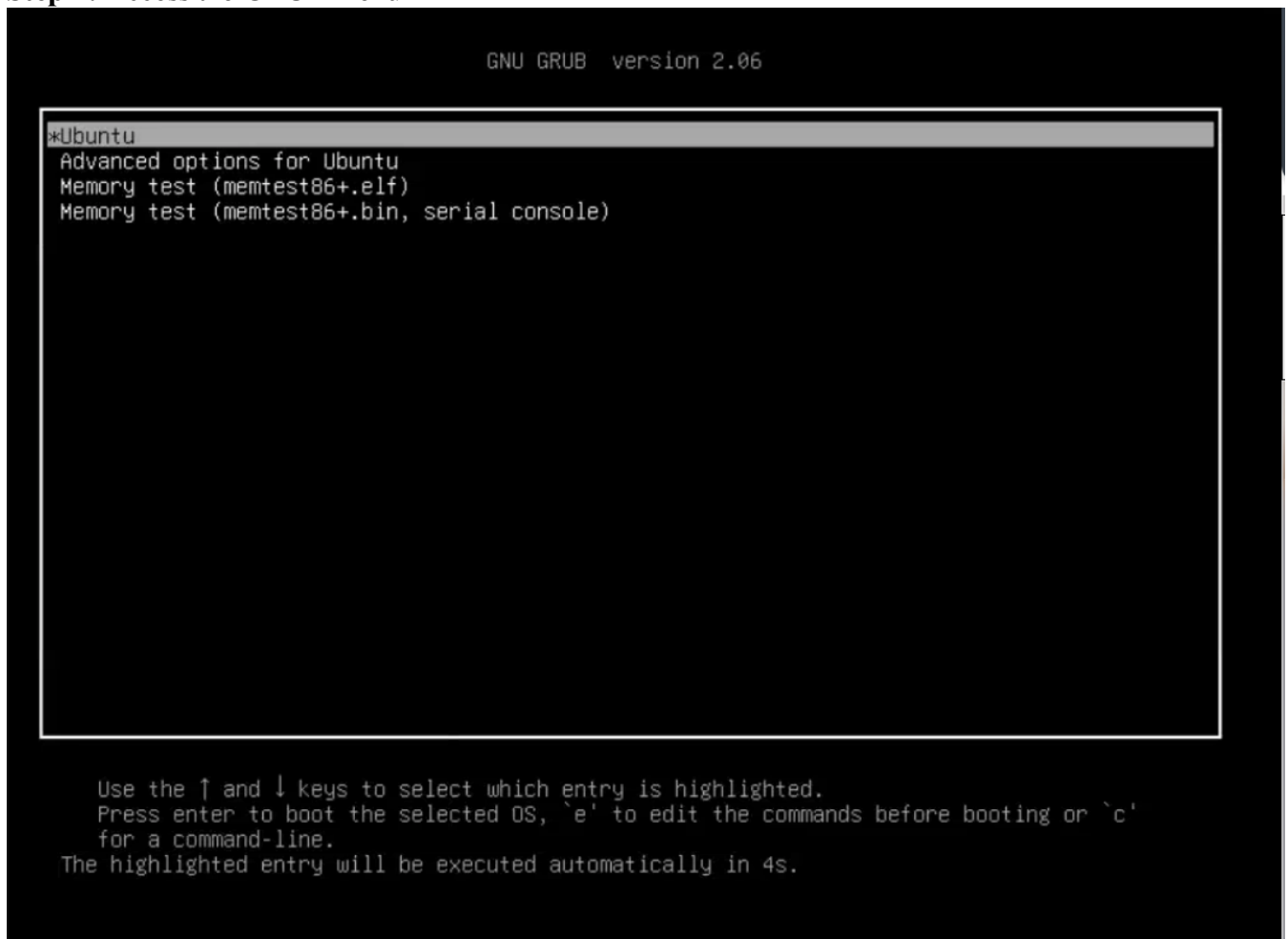# Reset password in ubuntu

How to reset password in ubuntu?

Overview: This article explains how to reset a user password in Ubuntu by editing GRUB boot parameters and using single-user mode.

This article provides a step-by-step guide on **resetting password** in ubuntu using the **GRUB bootloader**. The process involves booting into **single-user** mode or **recovery mode** and then using the command line to reset the password.

Step 1: Access the OVA console through your virtualization platform.
Step 2: Access the GRUB menu


```
                    GNU GRUB   version 2.06

 *Ubuntu
  Advanced options for Ubuntu
  Memory test (memtest86+.elf)
  Memory test (memtest86+.bin, serial console)




    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.
 The highlighted entry will be executed automatically in 4s.
```

Step 3: Select ubuntu and Press '**E**' to edit the entry.
Step 4: Modify boot parameters. To boot into single-user mode, you need to modify the Linux boot parameters. Find the **line that starts with linux** . This line specifies the **boot parameters**.

```
                    GNU GRUB   version 2.04

┌──────────────────────────────────────────────────────────────────────────────┐
│          insmod part_msdos                                                  ↑ │
│          insmod ext2                                                          │
│          set root='hd0,msdos5'                                                │
│          if [ x$feature_platform_search_hint = xy ]; then                     │
│             search --no-floppy --fs-uuid --set=root --hint-bios=hd0,msdos5\   │
│     --hint-efi=hd0,msdos5 --hint-baremetal=ahci0,msdos5  02459bc4-7328-43d5\  │
│    -83f0-3d0e2e41de5c                                                         │
│          else                                                                 │
│             search --no-floppy --fs-uuid --set=root 02459bc4-7328-43d5-83f\   │
│    0-3d0e2e41de5c                                                             │
│          fi                                                                   │
│          linux        /boot/vmlinuz-5.8.0-40-generic root=UUID=02459bc4-7\    │
│    328-43d5-83f0-3d0e2e41de5c ro  quiet splash $vt_handoff_                   │
│          initrd       /boot/initrd.img-5.8.0-40-generic                       │
└──────────────────────────────────────────────────────────────────────────────┘

      Minimum Emacs-like screen editing is supported. TAB lists
      completions. Press Ctrl-x or F10 to boot, Ctrl-c or F2 for a
      command-line or ESC to discard edits and return to the GRUB
      menu.
```

Step 5: Edit the clause of the second last line from '**ro quiet splash $vt_handoff**' to '**rw init=/bin/bash**'

After adding **rw init=/bin/bash**

Step 6: Press **F10** or **Ctrl-x** to save the edits and boot

Step 7: Reset password. Type the '**passwd**' command and provide the new password for the user

```
root@(none):/# passwd username
```

For example, reset the password of root as follows:

Step 8: Type the command '**exec /sbin/init**' to reboot or **reboot from the console**.

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Online URL: https://www.ezeelogin.com/kb/article/reset-password-in-ubuntu-702.html