

## DIRECT DEVOPS FROM QUALITY THOUGHT < HTTPS://DIRECTDEVOPS.BLOG/>

### Linux Activity Based Learning – 24/July/2024

linux2.md

Linux Directories

- Explain the purposes of following directories
  - /etc
  - /bin
  - /home
  - /var
  - /tmp
  - /usr
  - /opt
- Draw the linux tree structure of folders with few folders
- Creating a linux vm and ssh into it

Navigating the filesystem

- Absolute paths
- Relative Paths
- commands:
  - pwd
  - ls
  - cd
- Navigate into logs folder of your system `/var/log` and list all the files and folders

```
ubuntu@ip-172-31-0-99:~$ cd /var/log/
ubuntu@ip-172-31-0-99:/var/log$ ls
alternatives.log  btmap          dist-upgrade  fontconfig.log  lastlog        wtmp
amazon           chrony         dmesg         journal         private
apt              cloud-init-output.log  dmesg.0      kern.log        syslog
auth.log         cloud-init.log  dpkg.log      landscape        unattended-upgrades
ubuntu@ip-172-31-0-99:/var/log$
```

- Now find the folders and files
- get into your home directory and view hidden files and folders

File and directory Manipulations

- File Management
  - create:
    - touch => creates an empty file
    - text editor
      - vim
      - nano
  - edit
  - delete



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