

Practical no: 7

Aim: Implement FOSS Cloud functionality VSI (Virtual server Infrastructure) Infrastructure as a service (IaaS), Storage.

Required files

- foss cloud installer iso
- VMware software
- linux OS iso

Download the mentioned files:

① launch VMware after installing it.

② Create a new virtual machine

- Typical

- Installer disc image file (select foss.iso)

- click Next, Next

- VM name : FOSS

- Specify disk size : 136 GB

- check on Store disk as single file, Next

- click on Customize Hardware

- Set memory 5500 MB

- From processor option turn on Virtualize Intel VT option.

- click finish

③ Power on Virtual machine

- A blue screen appears

-> Select 1<sup>st</sup> option ( default boot options)

#### (4) Installation Process :

-> Type yes for the prompt (do you want to start installation process).

-> Node Type selection

node type: 1

-> Installation device selection

Device: sda

-> Installation device partitioning

yes

-> wait for stage 4 installation to complete.

-> Network Device Selection

Device ID : eno16777736

-> Network Configuration

yes

-> Reboot System: Type yes

-> wait till a blue screen appears

#### (5) Foss cloud

-> localhost login : root

password: admin

-> Hit enter.

-> Then type command:

fc -node-configuration -n demo-system --password  
admin

-> wait for installation process to complete.

→ Copy the IP address from the Fosscloud it is visible as

Direct your browser to  
--> <http://192.168.225.134> <--

→ paste this url / IP on your Host Computer's browser

→ Foss cloud login page is loaded.

### ⑥ Creating VM on Foss cloud.

- login using id : admin password: admin
- upload ISO ( linux os)
- Create Profile from Virtual Machine option on left
  - Select ISO, Set name, description and memory
  - click Create.

(profile is created by expanding linux option then x86-64 and en-US)

→ After creating Profile, create VmTemplate  
Select VmPool, Set Name, description, memory, volume capacity

→ click Create.

→ We have created a VM, it can be managed from VmTemplate option on left.

→ from Run action column click on green arrow to start VM.