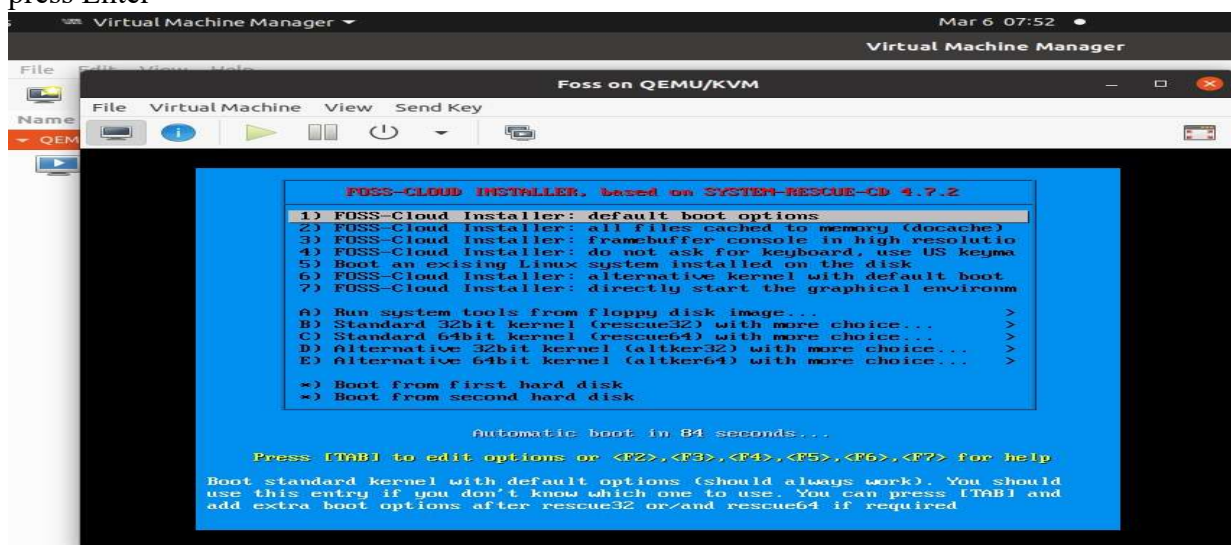


Practical - 6

Implement FOSS-Cloud Functionality VSI (Virtual Server Infrastructure) Infrastructure as a Service (IaaS), Creating Virtual Machine or Storage

Steps:

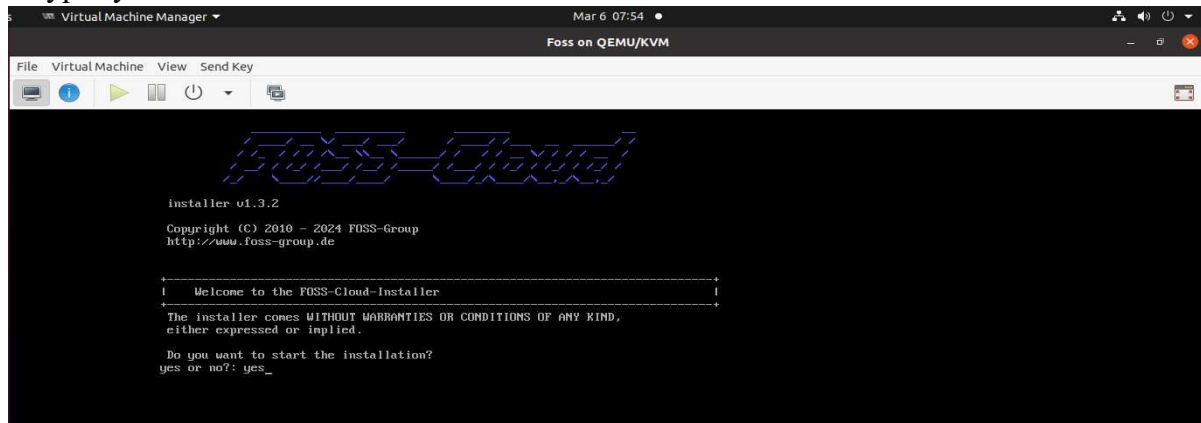
1. Start VMWARE workstation player 15 → select Open virtual machine then → Browse a foss cloud iso file → then select Operating System: Other Version: Other, Name: FOSS.
2. Then click on edit virtual machine and select Processor: 2 or 3, Memory: expand to 165 GM.
3. Once the foss Cloud is launched select “Foss-Cloud installer :default boot options” and press Enter



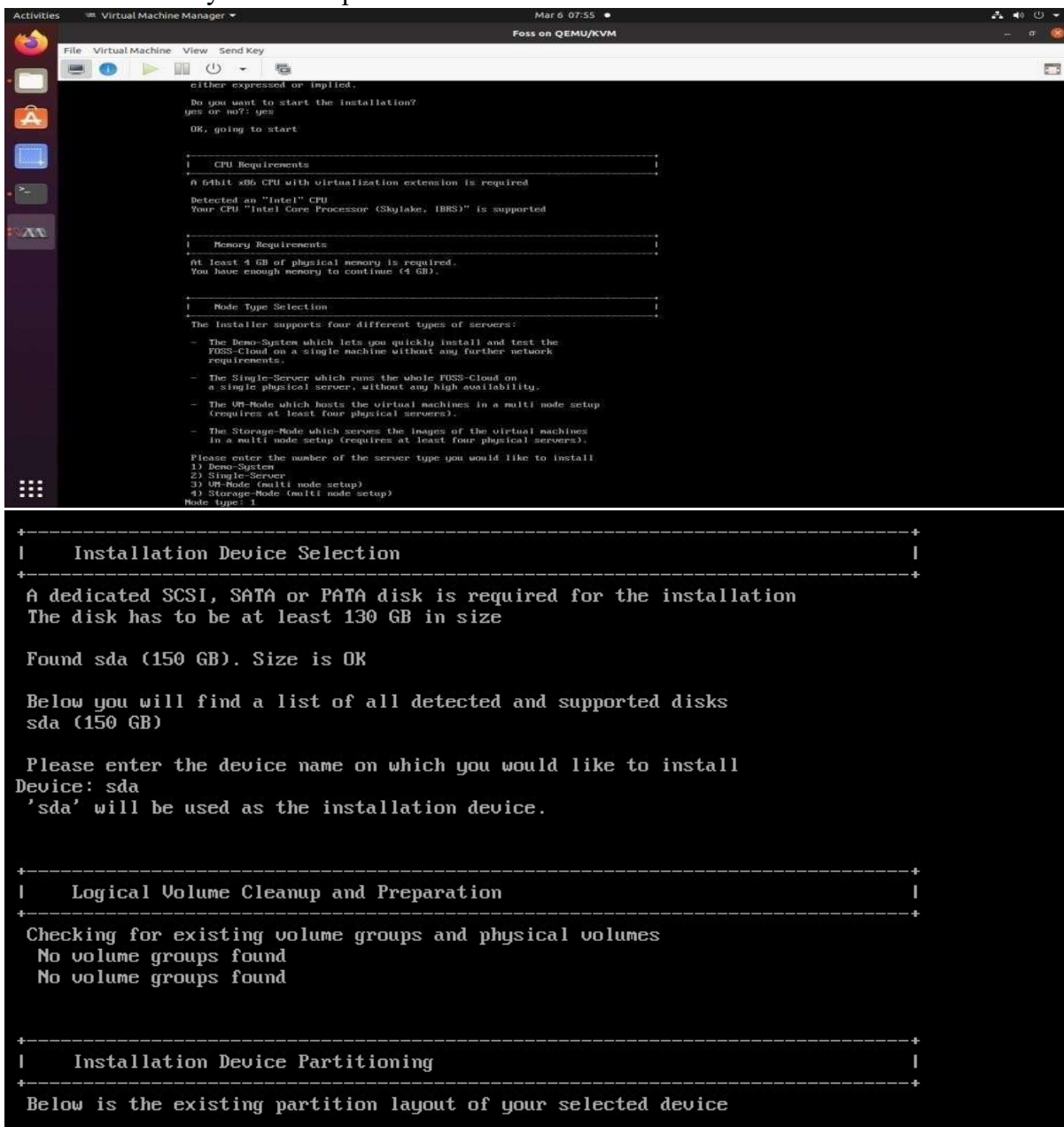
4. Reboot your system and select foss cloud



5.Types yes to start the installation



6.Select “Demo System” and press Enter



7. Enter the Device name as “sda” and press enter

8.Put credential of foss cloud and start foss cloud

```

Virtual Machine Manager
Mar 6 08:02
Foss on QEMU/KVM
File Virtual Machine View Send Key

+-----+
| Logical Volume Setup |
+-----+
Setup LVM environment and volumes
No volume groups found
Volume group "local0" successfully created
Logical volume "home" created
Logical volume "var" created
Logical volume "tmp" created
Logical volume "portage" created
Logical volume "Virtualization" created
All LVM volumes created successfully

+-----+
| Filesystem Creation |
+-----+
Creating filesystems
mke2fs 1.42.13 (17-May-2015)
Filesystem creation was successful

+-----+
| Mounting Filesystems |
+-----+
Mounting of filesystems was successful

+-----+
| Stage4 Installation |
+-----+
Unpacking stage4 tarball
This will take a while - please be patient
Unpacking of stage4 tarball was successful

+-----+
| Network Device Selection |
+-----+

Please enter the device which you would like to use
Available ethernet devices: ens3
Device #0:

*****

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        / / / / /
       / / / / /
      / / / / /
     / / / / /
    / / / / /
   / / / / /
  / / / / /
 / / / / /
/ / / / /

demo-node v1.3.2

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http://www.foss-group.de

Network device '' has no IP address.
Make sure you have a cable connected to
Afterwards reboot the system

Console/SSH-Login
user: root password: admin

Documentation: http://wiki.foss-cloud.org

*****

This is localhost.unknown_domain (Linux x86_64 4.10.1-gentoo) 08:05:59

localhost login: root
Password:
localhost ~ #

```

9. Then Execute below mention command:- `Fc-node-configuration -n demo-system -password admin`

```

      _____
     /         \
    /             \
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demo-node v1.3.2

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Network device '' has no IP address.
Make sure you have a cable connected to
Afterwards reboot the system

Console/SSH-Login
user: root password: admin

Documentation: http://wiki.foss-cloud.org

*****
This is localhost.unknown_domain (Linux x86_64 4.10.1-gentoo) 08:05:59

localhost login: root
Password:
localhost ~ # fc-node-configuration -n demo-system -password admin_
```

10. Then type ifconfig command to get the ip address

```
localhost ~ # ifconfig
eno16777728: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.73.129 netmask 255.255.255.0 broadcast 192.168.73.255
    ether 00:0c:29:8d:a1:dc txqueuelen 1000 (Ethernet)
    RX packets 199 bytes 17394 (16.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 132 bytes 11637 (11.3 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 18 base 0x2000

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    loop txqueuelen 1000 (Local Loopback)
    RX packets 1134 bytes 291057 (284.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1134 bytes 291057 (284.2 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

umbr0: flags=4419<UP,BROADCAST,RUNNING,PROMISC,MULTICAST> mtu 1500
    inet 172.31.255.1 netmask 255.255.255.0 broadcast 172.31.255.255
    ether 9a:bb:f6:59:fe:e0 txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

localhost ~ #
```

11. Then go to any web browser in windows OS and type the IP Address → FOSS cloud web page will open and you will find login details.



12. After putting the login details you will get the below mention page

