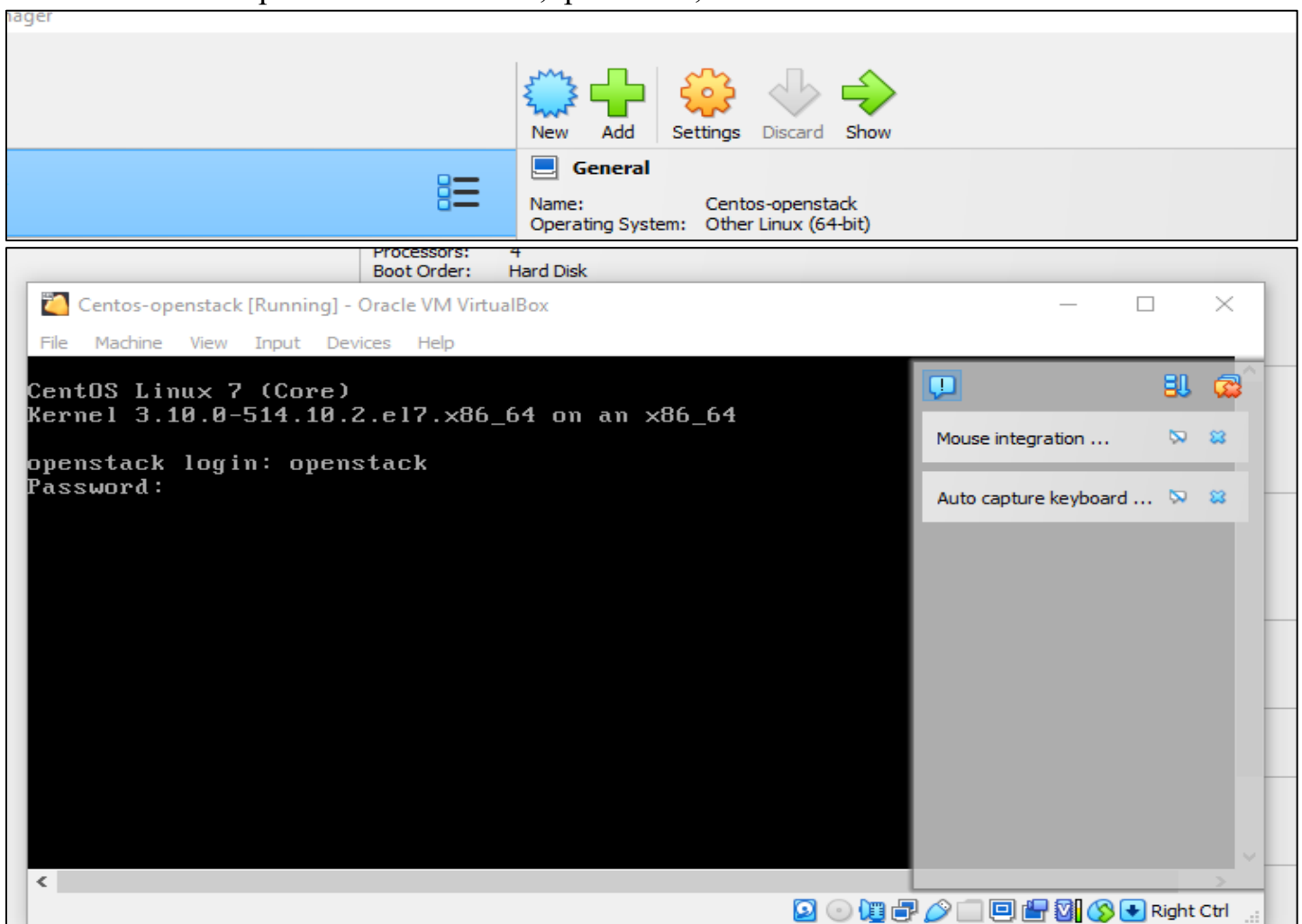


PRACTICAL 3

Aim : Study And Implementation of Infrastructure As a Service

Steps:

- 1.Download and Extract centos openstack
- 2.Click on centos openstack VirtualMachine Box Definition
- 3.Click on show green arrow
- 4.If pop up occurs allow it to download
- 5.Cmd will be open write login(openstack) and password(openstack)
- 6.again if ask for password enter same one
- 7.type localhost:8888 on browser
- 8.In login enter username (admin)and password(openstack)
- 9.press button connect
- 10.go to admin>instance or admin>images explore
- 11.Perform some operations like launch,update add,etc.



```
CentOS Linux 7 (Core)  
Kernel 3.10.0-514.10.2.el7.x86_64 on an x86_64
```

```
openstack login: openstack  
Password:  
Last login: Mon Apr 10 00:24:36 from gateway  
[openstack@openstack ~]$ sudo dhclient enp0s3  
[sudo] password for openstack:  
[openstack@openstack ~]$ sudo dhclient enp0s3  
dhclient(4035) is already running - exiting.
```

```
This version of ISC DHCP is based on the release available  
on ftp.isc.org. Features have been added and other changes  
have been made to the base software release in order to make  
it work better with this distribution.
```

```
Please report for this software via the CentOS Bugs Database:  
http://bugs.centos.org/
```

```
exiting.  
[openstack@openstack ~]$
```



openstack®

Log in

User Name

Password



Connect

Admin

System

Overview

Hypervisors

Host Aggregates

Instances

Volumes

Flavors

Images

Networks

Projects

Displaying 3 items

<input type="checkbox"/>	Name	Description
<input type="checkbox"/>	demo	default tenant
<input type="checkbox"/>	services	Tenant for the openstack services
<input type="checkbox"/>	admin	admin tenant

Displaying 3 items

openstack

admin

admin

Project

Admin

System

Overview

Hypervisors

Host Aggregates

Instances

Volumes

Admin / System / Instances

Instances

Project Name =

Project	Host	Name	Image Name	IP Address	Flavor	Status	Task	Power State	Time since created	Actions
No items to display.										

openstack

admin

admin

Project

Admin

System

Overview

Hypervisors

Host Aggregates

Instances

Volumes

Flavors

Images

Networks

Images

Displaying 2 items

<input type="checkbox"/>	Owner	Name ^	Type	Status	Visibility	Protected	Disk Format	Size	
<input type="checkbox"/>	> services	cirros	Image	Active	Public	No	QCOW2	12.67 MB	<input type="button" value="Launch"/> <input type="button" value="v"/>
<input type="checkbox"/>	> admin	mini	Image	Active	Public	No	ISO	37.00 MB	<input type="button" value="Launch"/> <input type="button" value="v"/>

Displaying 2 items

1.Launching the instance

Launch Instance

Details *

Source

Flavor *

Networks *

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Please provide the initial hostname for the instance, the availability zone where it will be deployed, and the instance count. Increase the Count to create multiple instances with the same settings.

Instance Name *

Availability Zone

There are no Availability Zones.

Count *

1

Total Instances (10 Max)

10%

0 Current Usage

1 Added

9 Remaining

Cancel

< Back

Next >

Launch Instance

Launch Instance

Details

Source

Flavor *

Networks *

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Please provide the initial hostname for the instance, the availability zone where it will be deployed, and the instance count. Increase the Count to create multiple instances with the same settings.

Instance Name *

TYCSA

Availability Zone

There are no Availability Zones.

Count *

1

Total Instances (10 Max)

10%

0 Current Usage

1 Added

9 Remaining

Cancel

< Back

Next >

Launch Instance

Launch Instance

Details

Source

Flavor *

Networks *

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Instance source is the template used to create an instance. You can use an image, a snapshot of an instance (image snapshot), a volume or a volume snapshot (if enabled). You can also choose to use persistent storage by creating a new volume.

Select Boot Source

Image

Create New Volume

Yes

No

Volume Size (GB) *

1

Delete Volume on Instance Delete

Yes

No

Allocated

Name	Updated	Size	Type	Visibility
> cirros	4/10/17 3:21 AM	12.67 MB	qcow2	Public

Available 1

Select one

Click here for filters.

Name	Updated	Size	Type	Visibility
------	---------	------	------	------------

Cancel

< Back

Next >

Launch Instance

Launch Instance

Details

Source

Flavor *

Networks *

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Flavors manage the sizing for the compute, memory and storage capacity of the instance.

Allocated

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public
Select an item from Available items below						

Available 5

Select one

Click here for filters.

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public
> m1.tiny	1	512 MB	1 GB	1 GB	0 GB	Yes
> m1.small	1	2 GB	20 GB	20 GB	0 GB	Yes
> m1.medium	2	4 GB	40 GB	40 GB	0 GB	Yes
> m1.large	4	8 GB	80 GB	80 GB	0 GB	Yes

Cancel

< Back

Next >

Launch Instance

Launch Instance

Details

Source

Flavor *

Networks *

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Networks provide the communication channels for instances in the cloud.

▼ Allocated

Select networks from those listed below.

Network	Subnets Associated	Shared	Admin State	Status
Select an item from Available items below				

▼ Available 2

Select at least one network

Q

Click here for filters.

X

Network ^	Subnets Associated	Shared	Admin State	Status	
> public	public_subnet	No	Up	Active	↑
> VN_A	VN_A	No	Up	Active	↑

X Cancel

< Back

Next >

Launch Instance

2.Adding network by clicking upward arrow

Launch Instance

Details

Source

Flavor *

Networks

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Networks provide the communication channels for instances in the cloud.

▼ Allocated 1

Select networks from those listed below.

Network	Subnets Associated	Shared	Admin State	Status	
↕ 1 > public	public_subnet	No	Up	Active	↓

▼ Available 1

Select at least one network

Q

Click here for filters.

X

Network ^	Subnets Associated	Shared	Admin State	Status	
> VN_A	VN_A	No	Up	Active	↑

X Cancel

< Back

Next >

Launch Instance

Update Router

Name

Admin State *

UP

ID *

2f9cf70d-c503-40c4-a5eb-c2052788f930

Description:

You may update the editable properties of your router here.

Cancel

Save Changes

<input type="checkbox"/>	Project	Name	Status	External Network	Admin State	Actions
<input type="checkbox"/>	demo	router	Active	public	UP	<div>Edit Router ▾</div>

Displaying 1 item