

ASSIGNMENT

23MCA265 - Cloud Computing

Submitted to

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submitted by

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Roll no:62

COURSE COMPLETION CERTIFICATE

The certificate is awarded to

Teena Thomas

for successfully completing the course

Learning OpenStack

on August 31, 2024

Infosys | Springboard

Congratulations! You make us proud!



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Executive Vice President and Global Head
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2. openstack installation

```
teena@teena-VirtualBox:~$ sudo useradd -s/bin/bash -d /opt/stack -n stack
[sudo] password for teena:
teena@teena-VirtualBox:~$ sudo chmod +x /opt/stack
teena@teena-VirtualBox:~$ echo "stack ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/stack
echo: stack ALL=(ALL) NOPASSWD: ALL: command not found
teena@teena-VirtualBox:~$ echo "stack ALL=(ALL) NOPASSWD: ALL" | sudo tee /etc/sudoers.d/stack
stack ALL=(ALL) NOPASSWD: ALL
teena@teena-VirtualBox:~$ sudo -u stack -i
stack@teena-VirtualBox:~$ git clone https://opendev.org/openstack/devstack
Command 'git' not found, but can be installed with:
```

```
stack@teena-VirtualBox:~$ git clone https://opendev.org/openstack/devstack
Cloning into 'devstack'...
remote: Enumerating objects: 51045, done.
remote: Counting objects: 100% (31022/31022), done.
remote: Compressing objects: 100% (10424/10424), done.
remote: Total 51045 (delta 30268), reused 20598 (delta 20598), pack-reused 20023
Receiving objects: 100% (51045/51045), 9.54 MiB | 8.04 MiB/s, done.
Resolving deltas: 100% (36250/36250), done.
```

```
Resolving deltas: 100% (36250/36250), done.  
stack@teena-VirtualBox:~$ cd devstack  
stack@teena-VirtualBox:~/devstack$ nano local.conf
```

```
GNU nano 6.2  
[[local|localrc]]  
ADMIN_PASSWORD=secret  
DATABASE_PASSWORD=$ADMIN_PASSWORD  
RABBIT_PASSWORD=$ADMIN_PASSWORD  
SERVICE_PASSWORD=$ADMIN_PASSWORD  
HOST_IP=192.168.16.169
```

```
stack@teena-VirtualBox: ~/devstack  
stack@teena-VirtualBox:~/devstack$ ./stack.sh  
+ unset GREP_OPTIONS  
+ unset LANG  
+ unset LANGUAGE  
+ LC_ALL=en_US.utf8  
+ export LC_ALL  
++ env  
++ grep -E '^OS_'  
++ cut -d = -f 1  
+ unset  
+ unmask 022  
+ PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin:/usr/local/bin:/usr/local/sbin:/usr/sbin:/sbin  
++ dirname ./stack.sh  
++ cd .  
++ pwd  
+ TOP_DIR=/opt/stack/devstack  
+ NOUNSET=  
+ [[ -n '' ]]  
++ date +%s  
+ DEVSTACK_START_TIME=1725338937  
+ [[ -r /opt/stack/devstack/.stackenv ]]  
FILE=/opt/stack/devstack/.files
```

The default users are: admin and demo
The password: secret



