



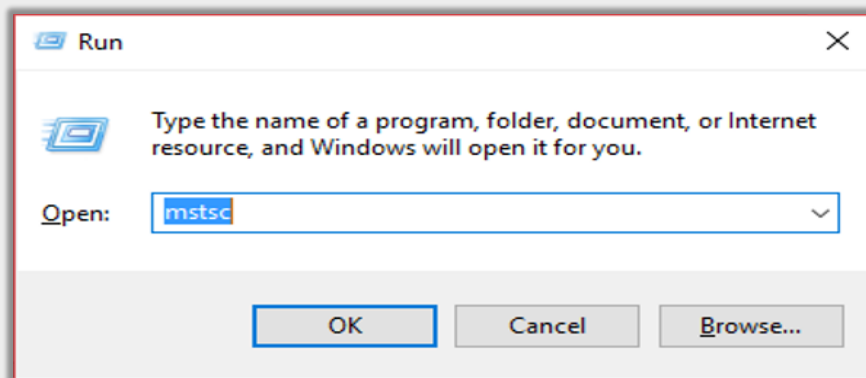
VSSI Cloud Instance Access Procedure

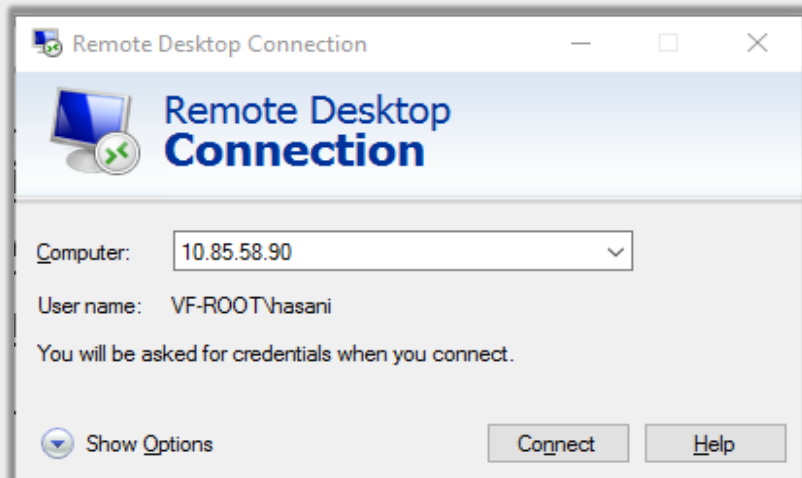
1. Jump Server Access Details
2. VM Access Via RDP Access
3. VM Access Via VNC Access
4. Machine IP and Credentials
5. VM Access Via SSH
6. Proxy Setup

1. Jump Server Details and Access

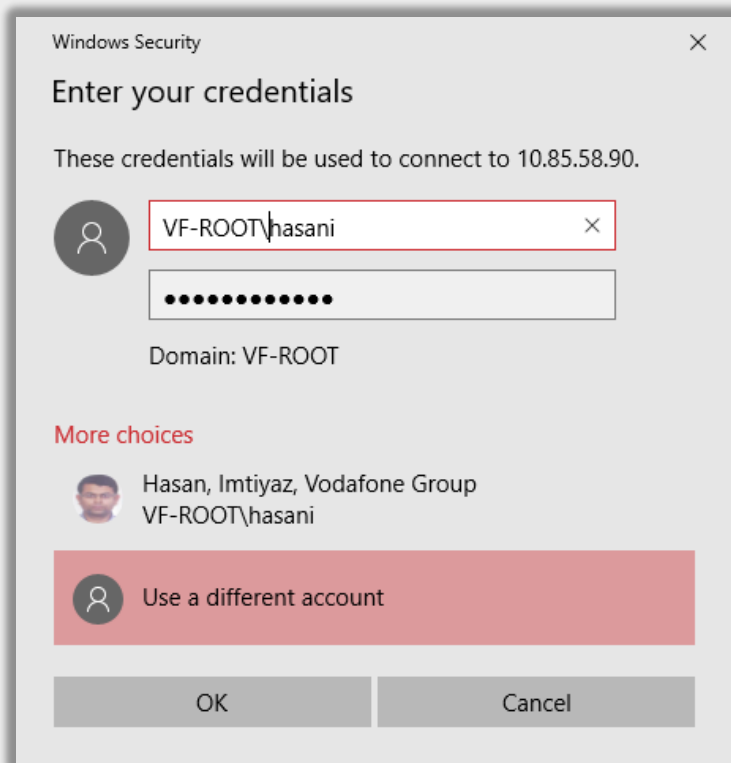
Jump Server: 10.85.58.90

Login on the office Laptop/desktop or authorized device inside our Vodafone network, type mstsc in run window:



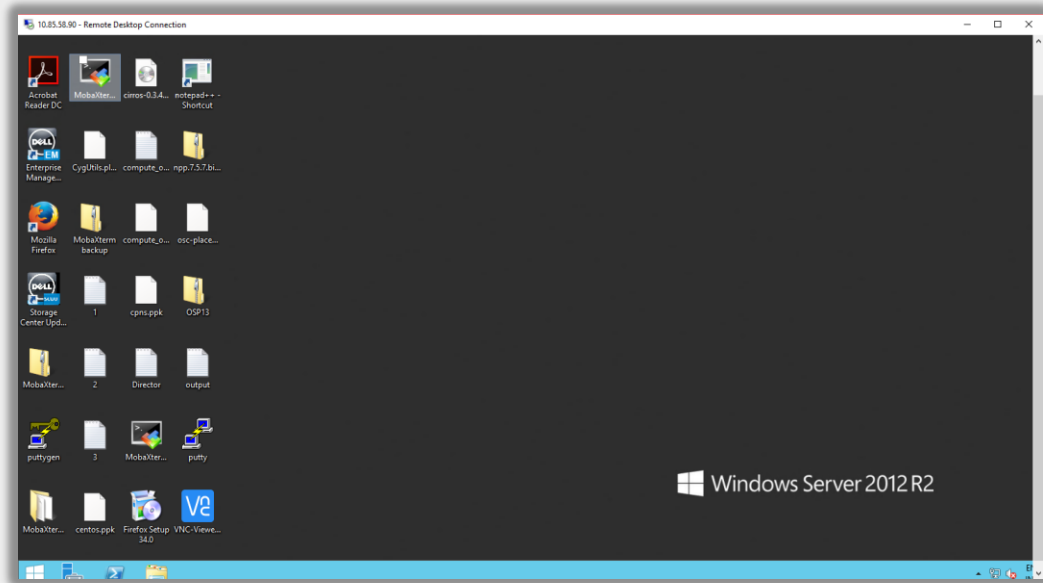


Click on connect and then specify your VF-ROOT credentials:



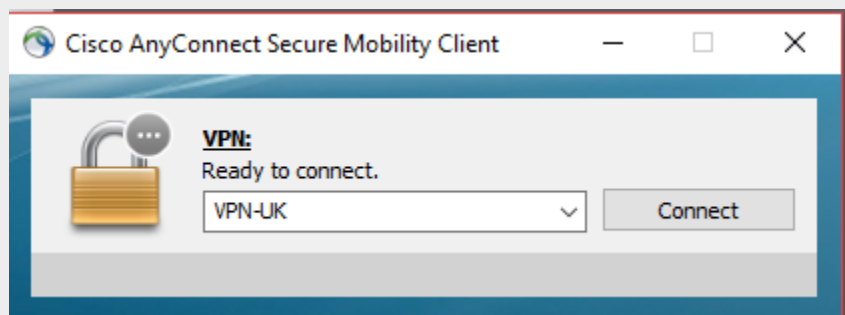


It will allow you to get the remote session on Jump Server:



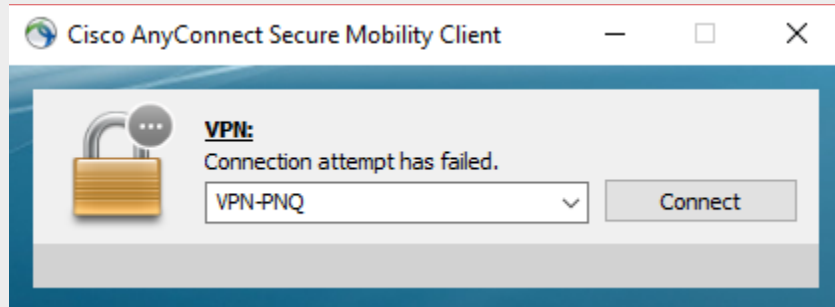
If you working remotely (Outside Vodafone Network)

1. Cisco AnyConnect Secure Mobility Client should be installed

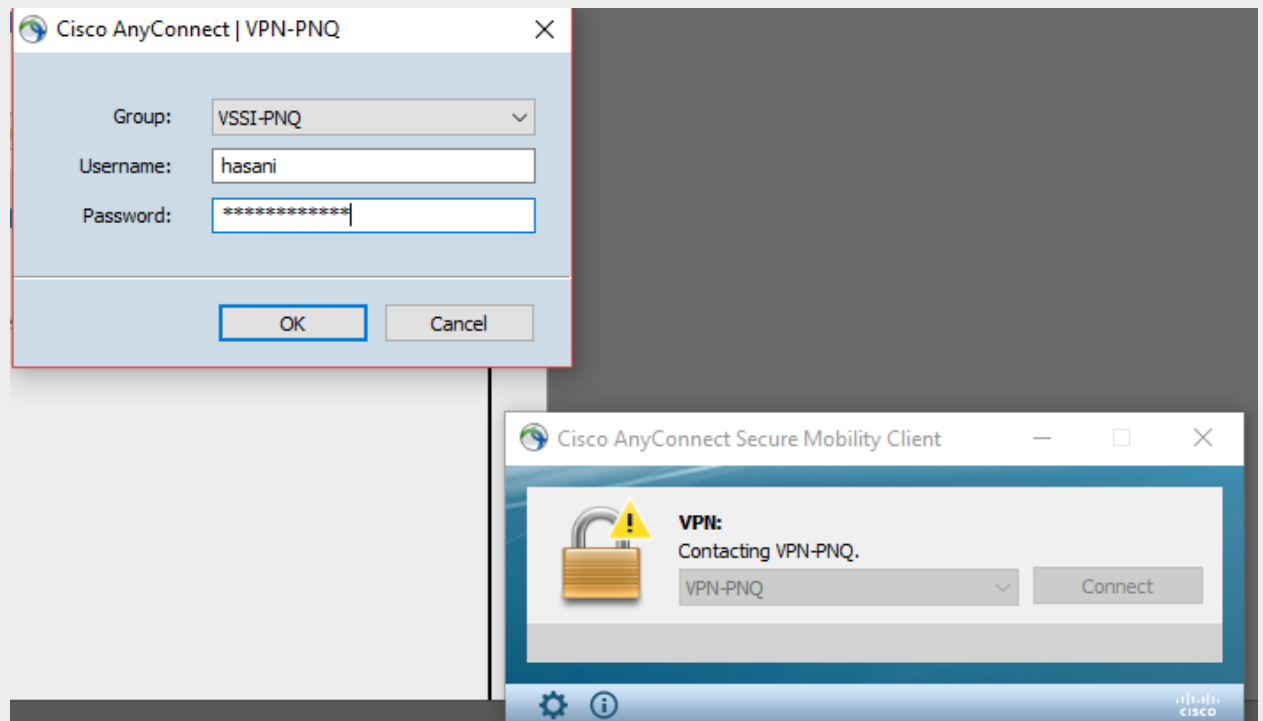




2. Select Pune-VPN and click on Connect



3. Enter VF-ROOT User name and password and it will connect you to Vodafone Network.



Note: Once you logged in via Pune VPN then do the RDP to Jump Server 10.85.58.90 as mentioned earlier in Point:1



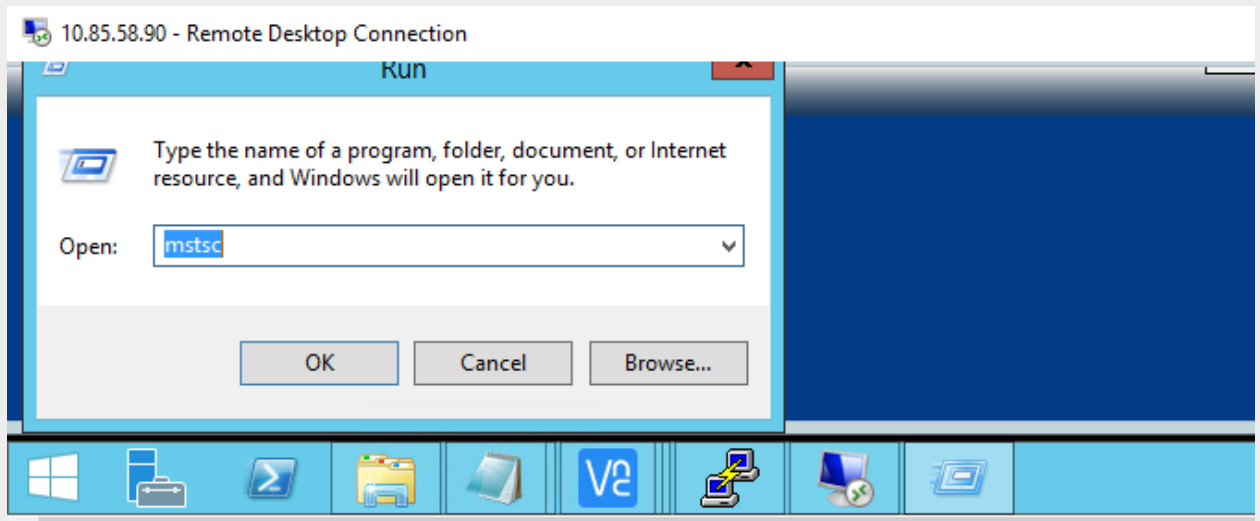
Note: For getting the access on Jump Server, please raise a request via JIRA to PAAS team.

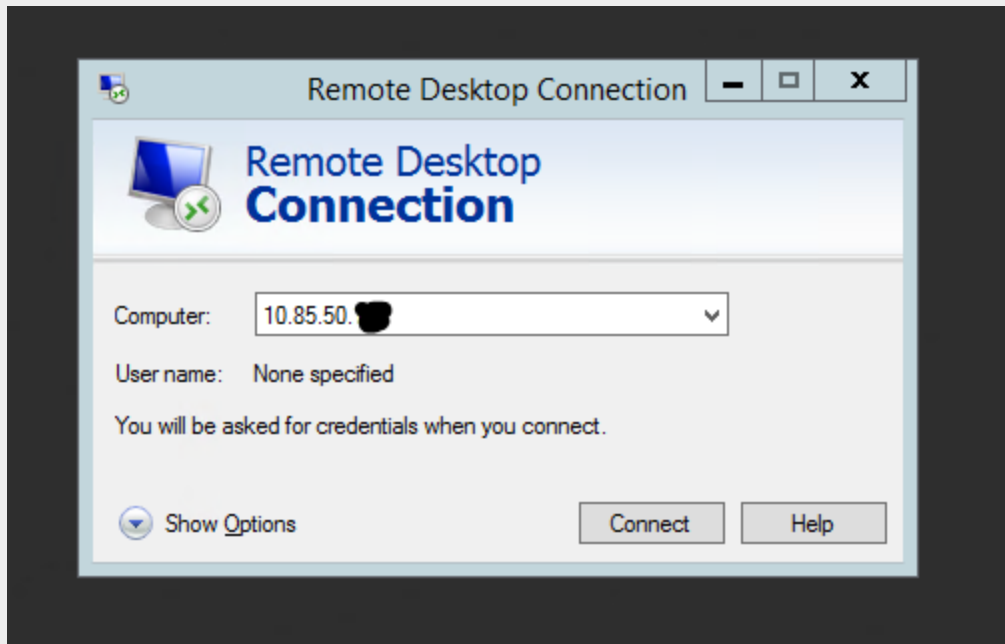
2. RDP ACCESS

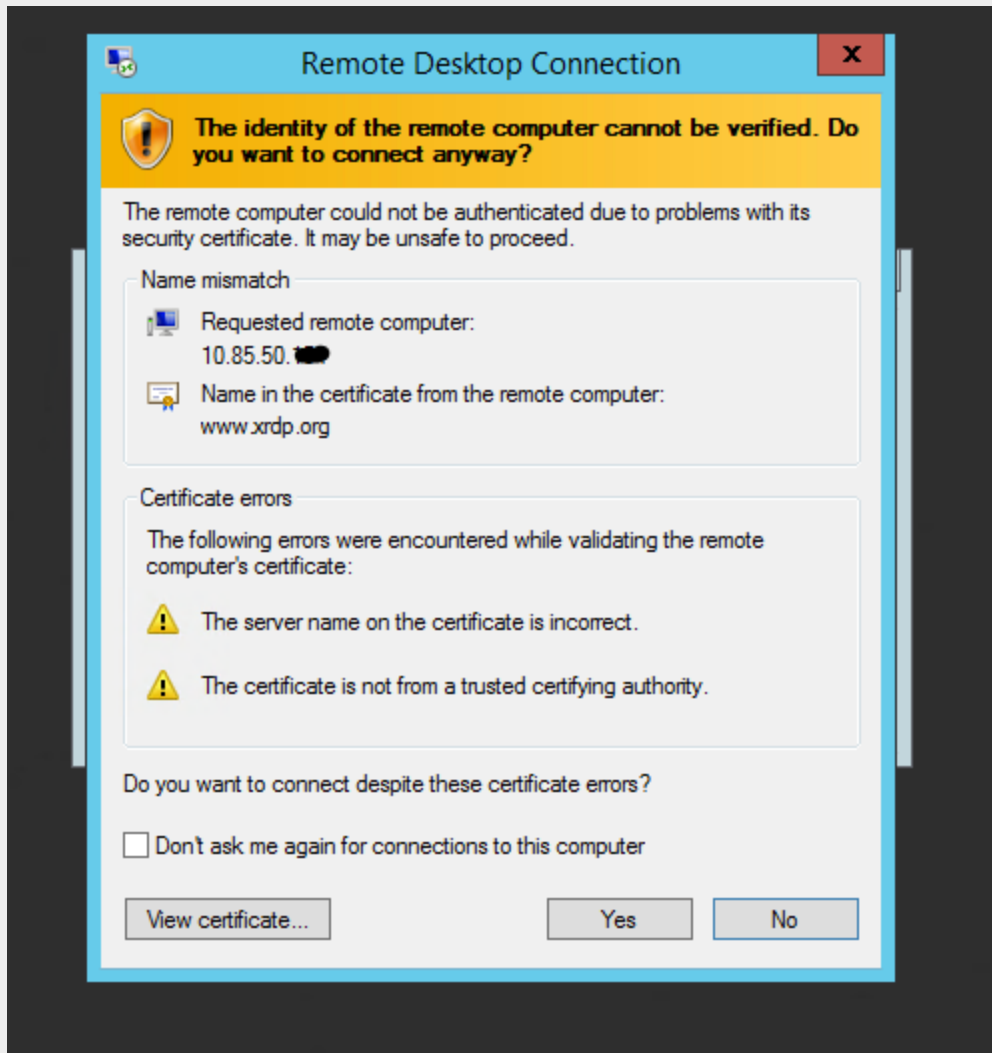
RDP access is allowed on all Ubuntu and Window VMs.

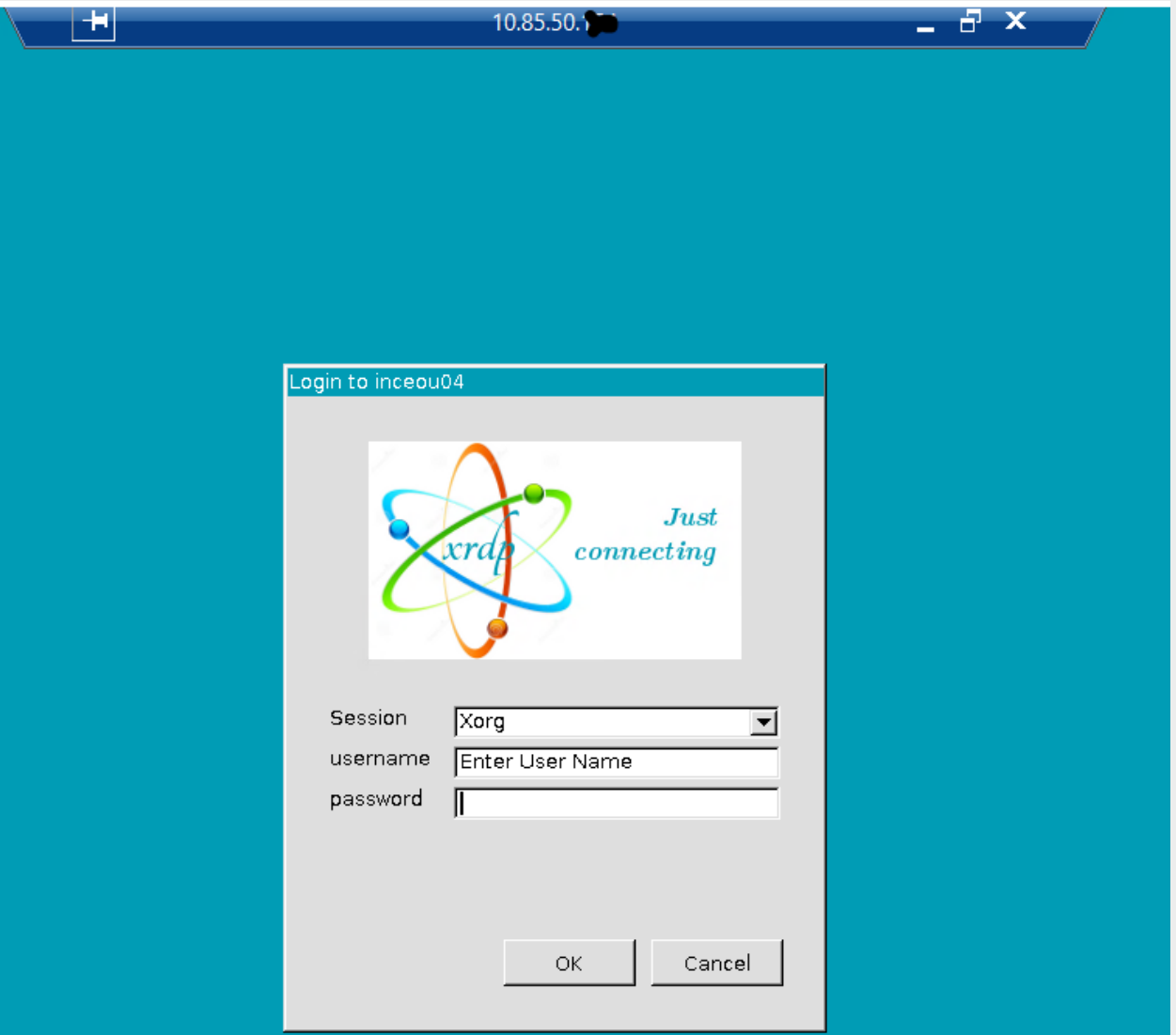
To access the VM via RDP, User has to login on Jump Server 10.85.58.90 via his/her VF-root ID and password as explained in Point-1 and follow as mentioned below:

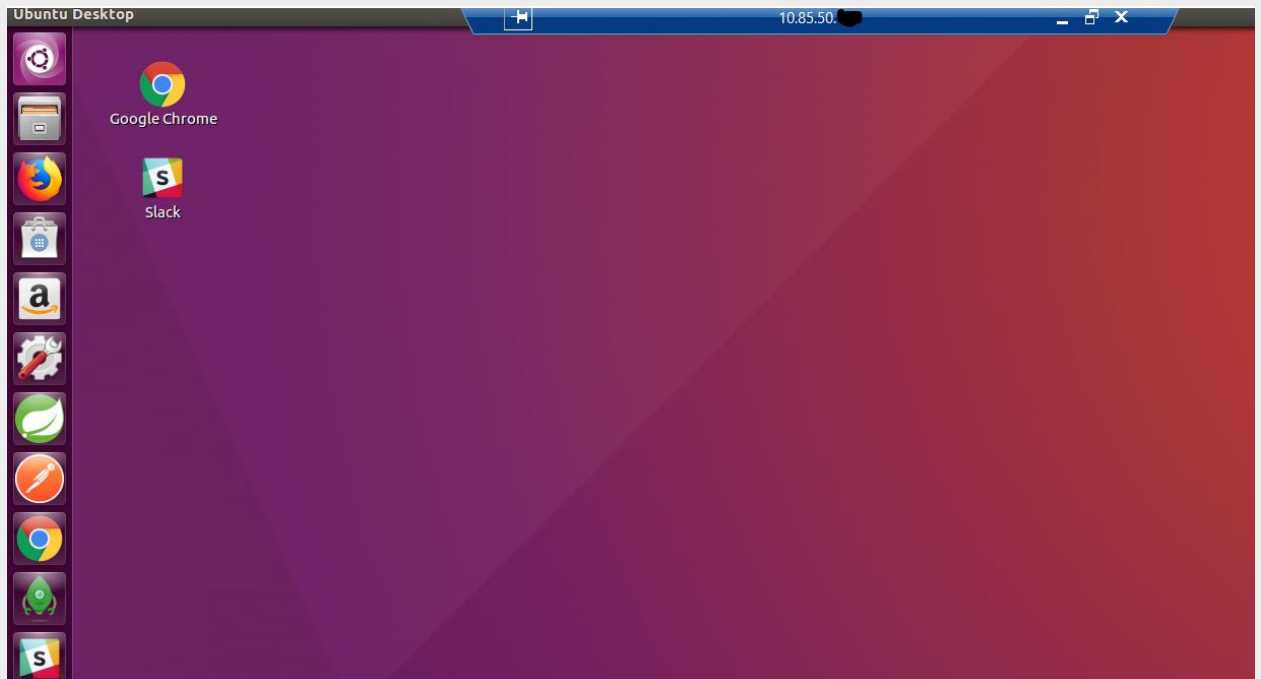
Run->mstsc->VM IP (10.85.50.X) → enter username/password in login prompt.









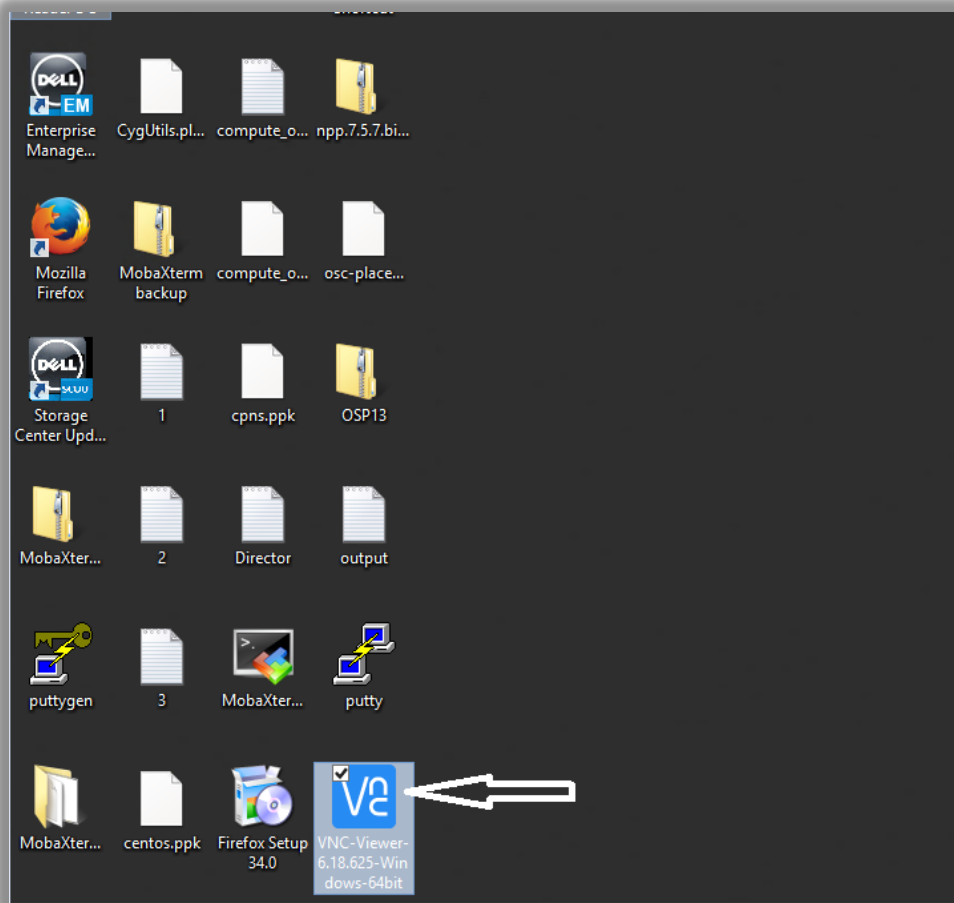


3. VNC Access

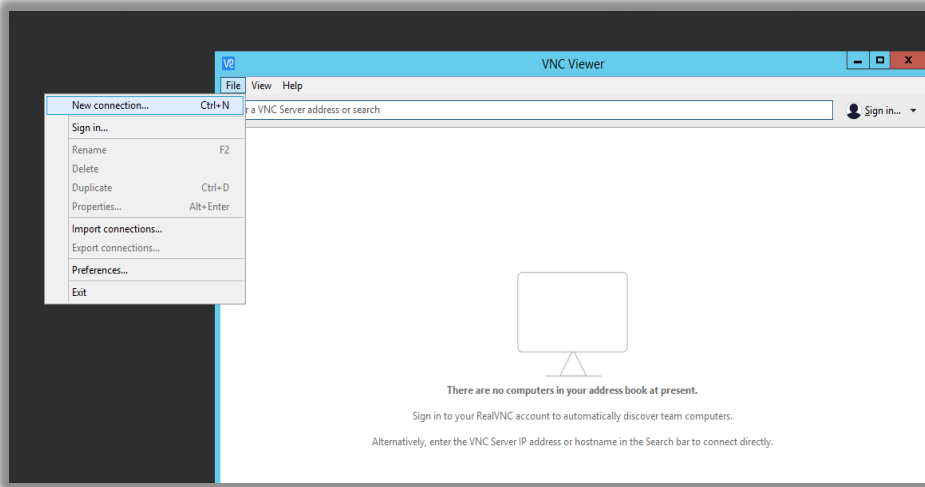
Note:

1. VNC is only applicable for those VMs which do not have RDP enabled on their VM. Presently (Starting from 1-Sep-18) we are giving RDP on all ubuntu and Window VMs. Old VMs are still having option VNC to access the VM.
2. For CENTOS VMs still VNC option is available.

Click on VNC option which will be available on your desktop after taking remote session on the Jump Server.

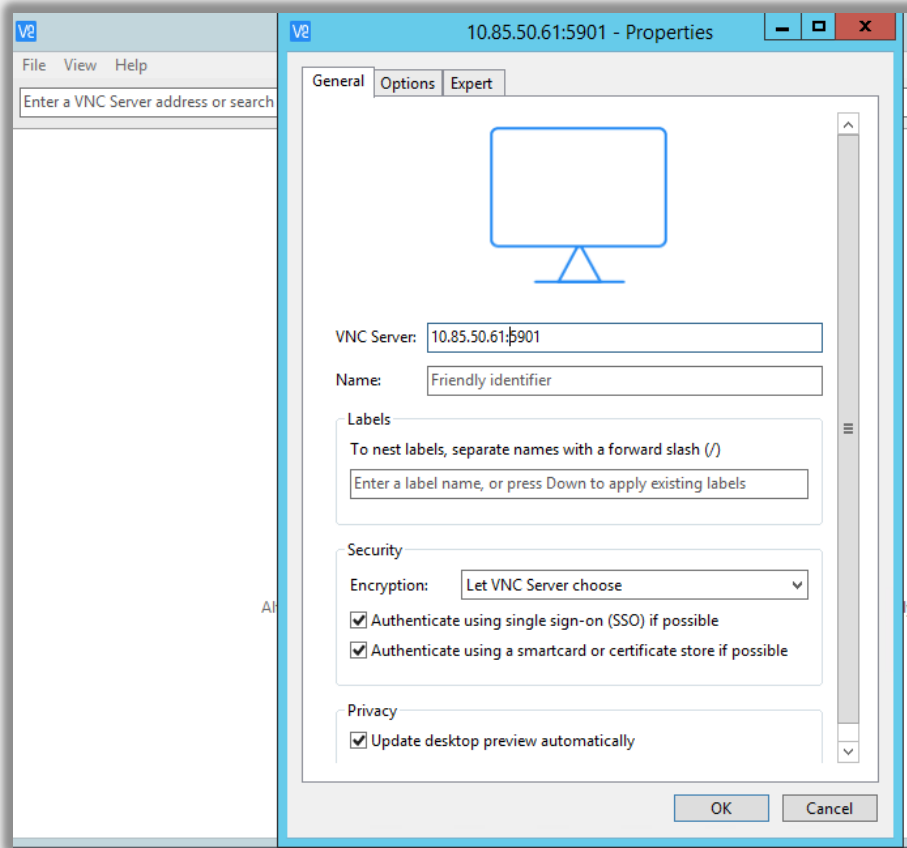


For new VM addition, select new connection



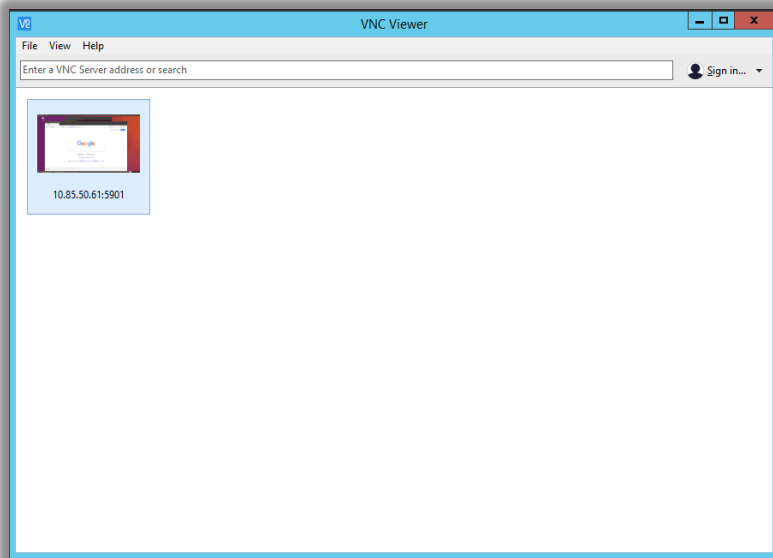
Specify the IP of the VM instance and port number 5901. Click ok once all required enteries will be added.

Note: Only IP Address of the VM and Port number 5901 is required to update. Kindly don't update any other entry.

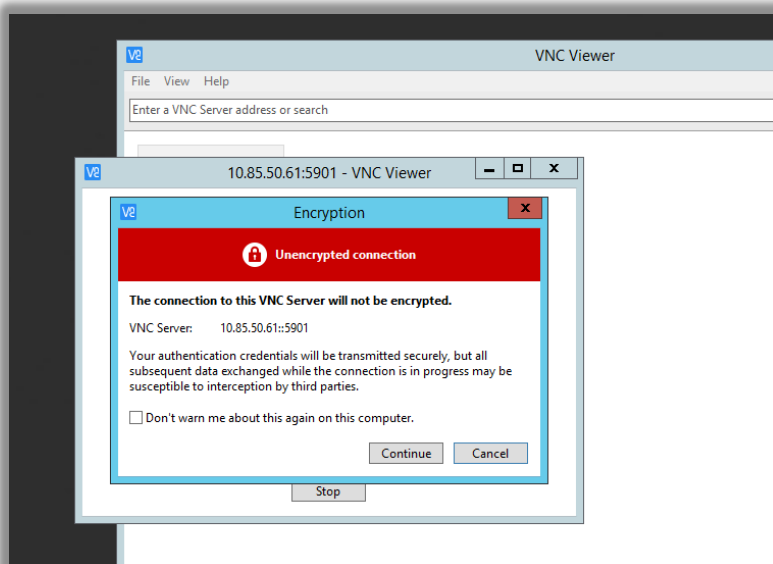




It will add the VM on your VNC Console:

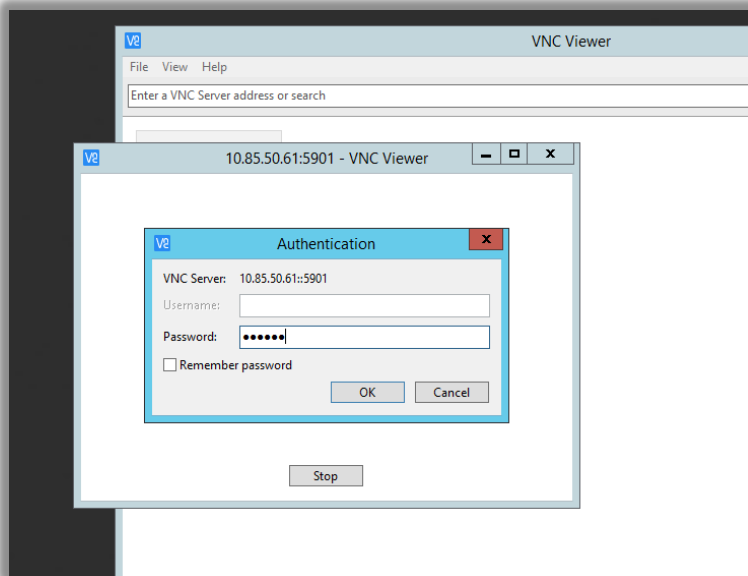


Double click on the ICON:

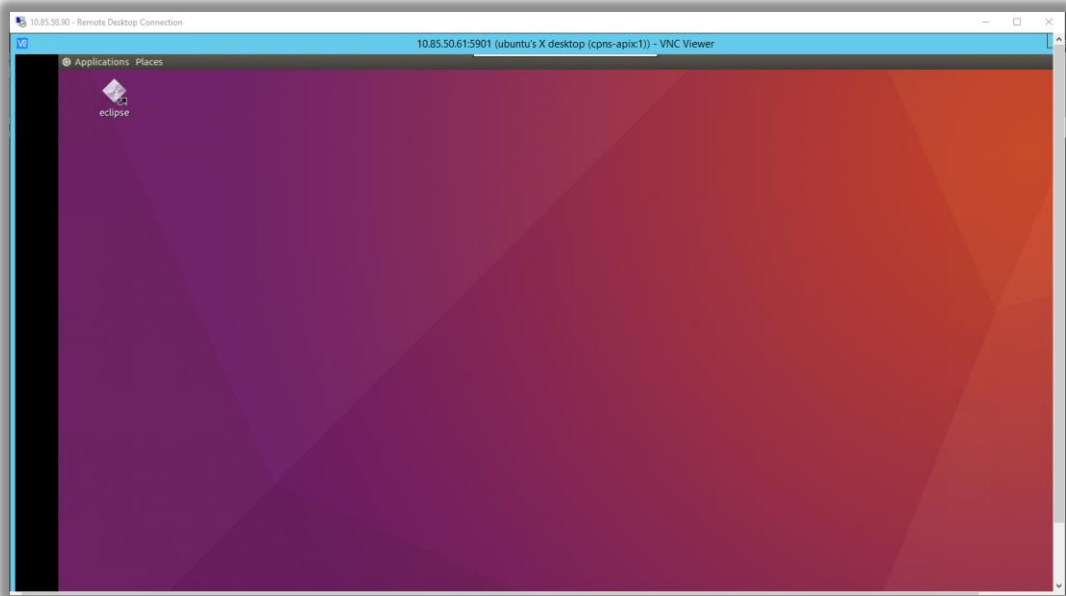


Click on Continue and add the password which is provided/set by administrator for VNC User.

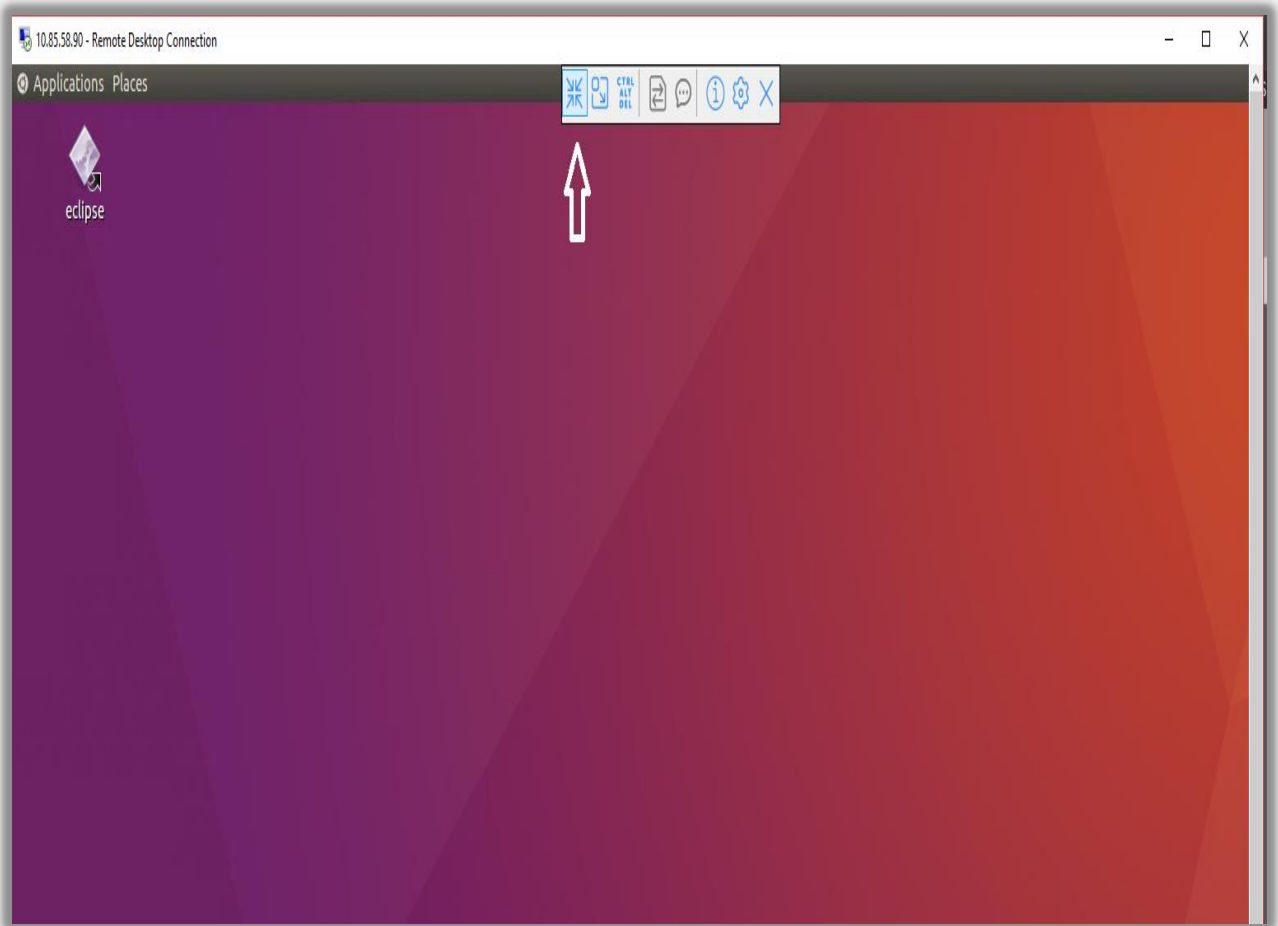
Note: By default VNC access is given for root user to perform the test cases, user would be having full right with root access. User can do all possible activities on the provided VMs.



This will allow you to get the VNC screen:



Click on full screen ICON to get the full screen:



4. Machine IP and Credentials



Machine IP details and Credentials will be provided by Cloud Ops Team.

Cloud Ops Team will provide the IP address of the VM in separate mail to specific user.

Credentials for VM SSH Access:

User name: cloud-ops

Password: XXXX

Credentials for VM VNC Access:

Username: Not applicable

Password: XXXX

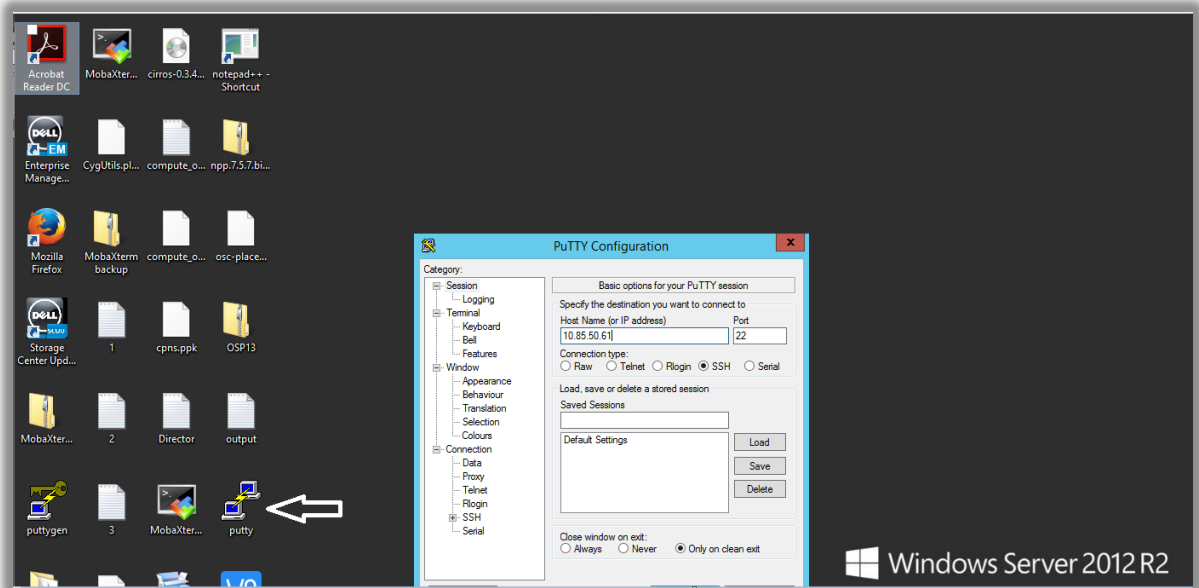
Note:

1. User has to change his/her default VM password which is given for VM access. Example root or cloud-ops (Ubuntu) and Cloud-ops user for Window.
2. Each VM is having two IPs 1. 10.85.50.X 2. 10.38.107.X
3. VM IP 10.85.50.X is accessible via Jump Server only (Recommended way to access the VM)
4. VM IP 10.38.107.X is used for internet access. This VM IP is also accessible from user office laptop with in Vodafone office network.
5. To access the VM remotely, Connection to Pune VPN is must. VM will be only accessible via Jump Server on its IP 10.85.50.X.



5. SSH Procedure

1. From Jump server open the putty session:





2. Specify the VM IP (10.85.50.X) and login. Also specify the credentials as mentioned previously.

```
10.85.50.61 - PuTTY
login as: cloud-ops
cloud-ops@10.85.50.61's password:
Welcome to Ubuntu 16.04.5 LTS (GNU/Linux 4.4.0-131-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

Get cloud support with Ubuntu Advantage Cloud Guest:
http://www.ubuntu.com/business/services/cloud

17 packages can be updated.
1 update is a security update.

Last login: Fri Aug 17 07:27:13 2018 from 10.38.152.226
$
```

6. Proxysetup Procedure

Proxy server : 10.74.252.99 or 10.74.252.100

Port: 8080

Credentials: login id / Password for VF-Root domain.

1. after login on the VM, switch to root and enter proxysetup command for setting up proxy.



```
root@cpns-apix: ~  
File Edit View Search Terminal Help  
ubuntu@cpns-apix:~$  
ubuntu@cpns-apix:~$  
ubuntu@cpns-apix:~$  
ubuntu@cpns-apix:~$ sudo su -  
root@cpns-apix:~# proxysetup  
  
Do you require internet access ? (Y/N):
```

2. Select the option " 1 " for proxy setup

```
root@cpns-apix: ~  
File Edit View Search Terminal Help  
*****  
* * This script will assist to setup/review/remove proxy settings on Ubuntu Server. * *  
* * You should use your 'VF-ROOT' User account to get internet access through proxy * *  
* *  
* * Note: Script must run as Super User (root) or using 'SUDO' command * *  
* *  
* * 1:) Set Proxy * *  
* * 2:) Remove Proxy * *  
* * 3:) View Current Proxy * *  
* * 4:) Exit * *  
*****  
Choice (1/2/3/4): █
```



3. Specify the proxy IP/Port details along with your VF-ROOT credentials:

```
Terminal
File Edit View Search Terminal Help
* *
* * Note: Script must run as Super User (root) or using 'SUDO' command
* *
* *
* * 1:) Set Proxy
* *
* * 2:) Remove Proxy
* *
* * 3:) View Current Proxy
* *
* * 4:) Exit
* *
*****
*****
*****
Choice (1/2/3/4): 1
Enter proxy : 10.74.252.99
Enter port : 8080
Enter username : hasani
Enter password : 
```

4. Run proxyscript again and select option “3” to view the current proxy setting:



```
Applications Places
root@vodafone-id-1: ~/Downloads/debian
File Edit View Search Terminal Help
*****
* * This script will assit to setup/review/remove proxy settings on Ubuntu Server. * *
* * You should use your 'VF-ROOT' User account to get internet access through proxy * *
* *
* * Note: Script must run as Super User (root) or using 'SUDO' command * *
* *
* * 1:) Set Proxy * *
* * 2:) Remove Proxy * *
* * 3:) View Current Proxy * *
* * 4:) Exit * *
*****
Choice (1/2/3/4): 1
Enter proxy : 10.74.252.99
Enter port : 8080
Enter username : hasani
Enter password :
DONE!
root@vodafone-id-1:~/Downloads/debian#
```

5. Test the apt-get update to verify the internet connectivity:

```
root@cpns-apix: ~
File Edit View Search Terminal Help
root@cpns-apix:~# apt-get update
Hit:1 http://security.ubuntu.com/ubuntu xenial-security InRelease
Hit:2 http://cz.archive.ubuntu.com/ubuntu xenial InRelease
Hit:3 http://archive.ubuntu.com/ubuntu xenial InRelease
Hit:4 http://ppa.launchpad.net/webupd8team/java/ubuntu xenial InRelease
Hit:5 http://archive.ubuntu.com/ubuntu xenial-updates InRelease
Hit:6 http://archive.ubuntu.com/ubuntu xenial-backports InRelease
Reading package lists... Done
root@cpns-apix:~#
```

6. Once your work is done then run proxysetup command and select option “2”. It will remove the proxy setting. For cleaning up proxy setting from system buffer, it is highly recommended to logout.



Thank You