Azure Assignment 1

Azure - Creating VM

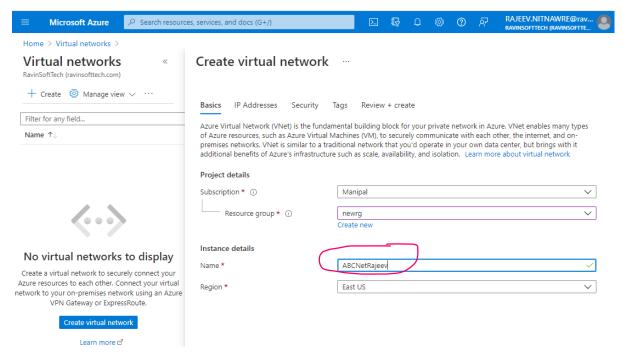
"ABC Corporates have decided to move their entire resources on Azure Cloud. The architect has estimated that they would need at least 255 IPs for each of their "Dev", "Prod" & "Tester" team.

Create Virtual Network called "ABCNetRajeev" and Subnets "Devnet", "Prodnet" & "Testernet".

Create Virtual Network with three subnets

- Step 1. Select Virtual Network tab and create VN
- Step 2. Use given resource group newrg
- Step 3. Create VNet "ABCNetRajeev"
- o CIDR Range 10.2.0.0/16
- 255.255.0.255, $0.255 \rightarrow 255 \times 255 = 65000$
- Step 4. Create three subnets
- o Devnet 10.1.1.0/24 -
- 255.255.255.0-255→255
- o Prodnet 10.2.2.0/24 -
- 255.255.255.0-255→255
- o Testernet 10.2.3.0/24-
- 255.255.255.0-255→255

Create Virtual Network

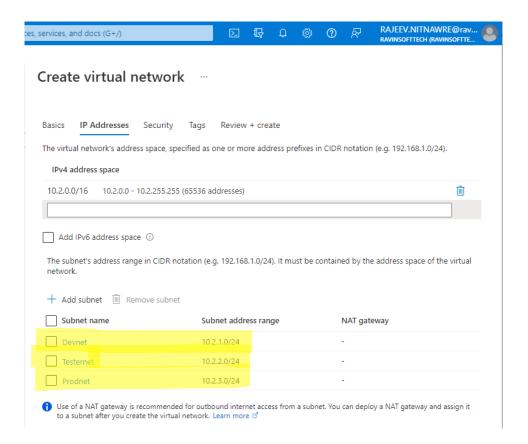


Creating subnets:

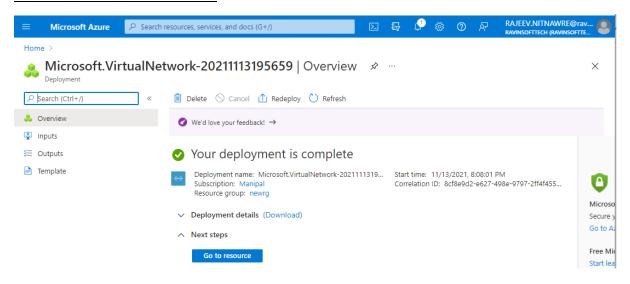
Create subnet Devnet with CIDR range 10.2.1.0/24

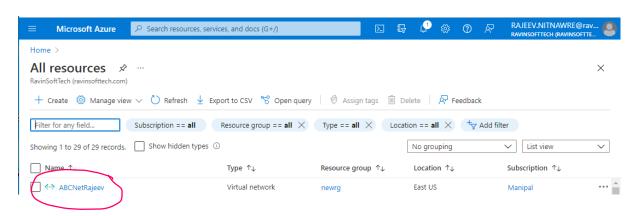
Create subnet Testernet with CIDR range 10.2.2.0/24

Create subnet Prodnet with CIDR range 10.2.3.0/24

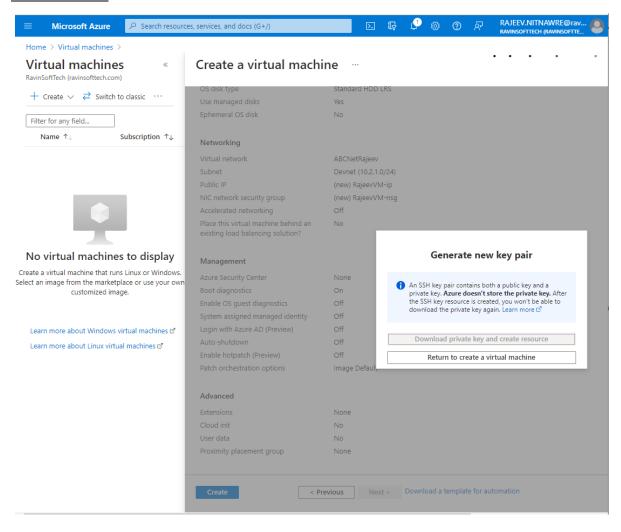


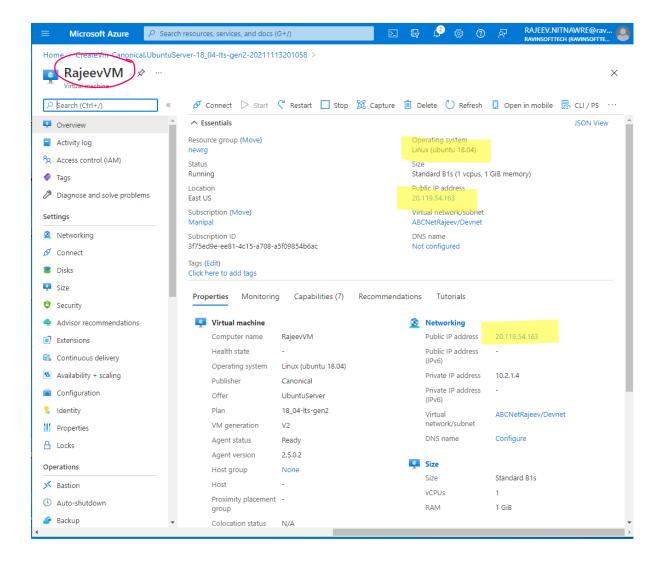
Virtual Network created



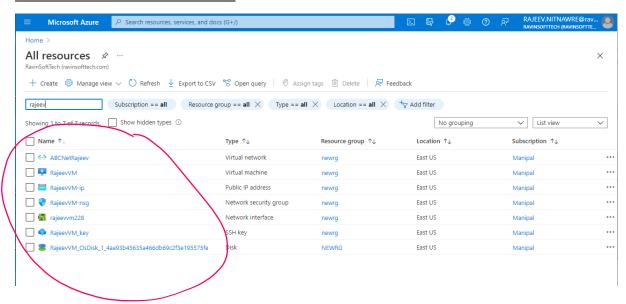


Creating VM





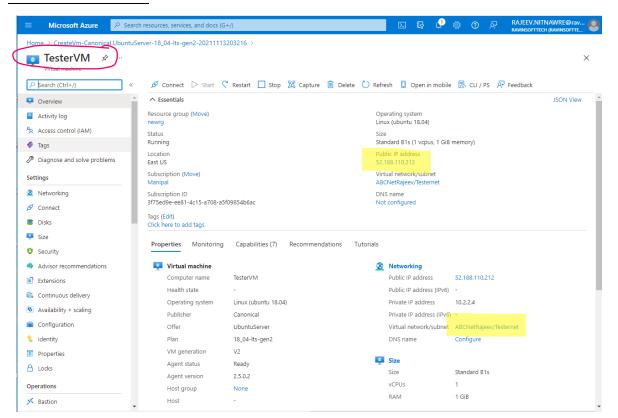
All the created resources



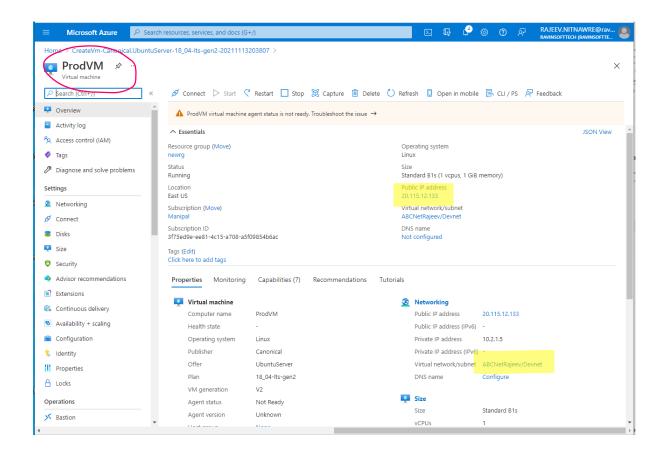
Open Putty, by using .ppk file

```
azureuser@RajeevVM: ~
                                                                        ×
 * Support:
                  https://ubuntu.com/advantage
 System information as of Sat Nov 13 12:30:17 UTC 2021
 System load: 0.08
                                 Processes:
 Usage of /: 4.6% of 28.90GB
                                 Users logged in:
 Memory usage: 20%
                                 IP address for eth0: 10.2.1.4
 Swap usage:
0 updates can be applied immediately.
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo root" for details.
azureuser@RajeevVM:~$
```

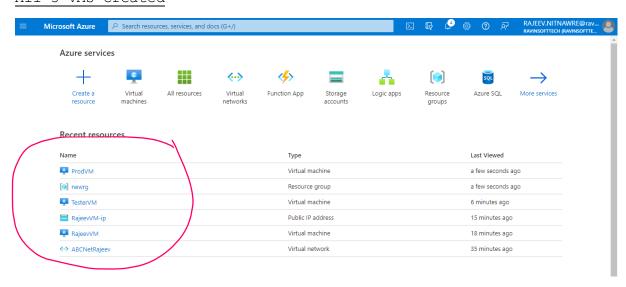
Create Tester VM



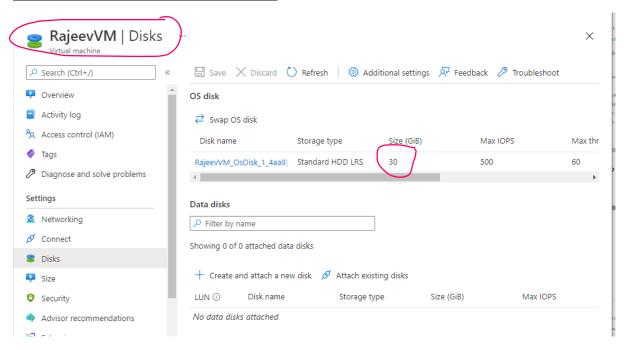
Create Prod VM



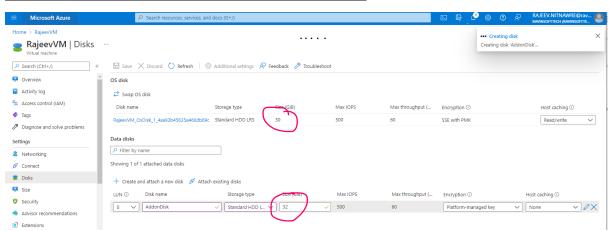
All 3 VMs created



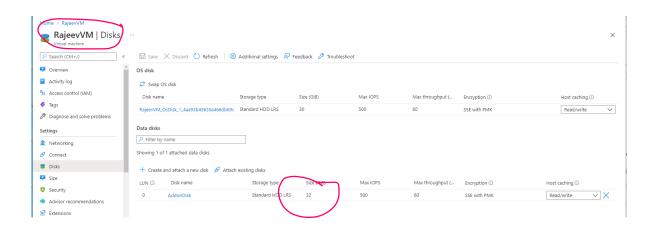
Attaching a new disk to the VM



Currently 30 GB disk size is Standard HDD



A new "AddonDisk" of size 32GB of storage type Standard HDD is added.



Creating Storage Account

