1. Create an Ubuntu VM of 1 vCPU and 1 GB RAM. (Without NSG)

a. Give an appropriate name to your VM so that it can be identified in the portal

Graphical user interface, text, application

Description automatically generatedb. DO NOT CHOOSE A SIZE MORE THAN 1vCPU and 1GB RAM.

Fig1: Creating VM(Ubuntu)1GB RAM 1VCPU

2. Connect to the VM from your laptop using SSH.

Graphical user interface, text

Description automatically generated

Fig2: connecting VM through SSH

3. Change to super user using sudo su command

a. Create a file named f1.txt using the command touch f1.txt.

b. Add text to the file using the command echo “HELLO AZURE” >> f1.txt.

Graphical user interface, text

Description automatically generated

Fig3: ‘sudo su’ command

Graphical user interface, text

Description automatically generated

3(a,b)Fig4: creating file f1.txt with some text

4. Stop the VM from the portal.

Graphical user interface, text, application

Description automatically generated

Fig5: stopping VM

5. Restart the VM from the portal and connect to it again as mentioned above.

Graphical user interface, text, application

Description automatically generated

Fig6: restarting VM

6. Change to super user using sudo su command.

A screenshot of a computer

Description automatically generated with medium confidence

Fig7: sudo su command after restart

7. Check if the file created earlier is intact or not using the command cat f1.txt.

A screenshot of a computer

Description automatically generated with medium confidence

Fig8: checking file

8. Delete the VM and all its associated resources.

Graphical user interface, text, application

Description automatically generated

Fig9: deleting VM

9. Create a Windows VM of 1 vCPU and 1 GB RAM. (Without NSG)

A screenshot of a computer

Description automatically generated with medium confidence

Fig10: creating Windows OS

10. Connect to the VM from your laptop using RDP.

A screenshot of a computer

Description automatically generated with medium confidence

Fig10: connecting VM through RDP

Graphical user interface, text, application

Description automatically generated

11. Create two text files on the desktop and add some text into them.

Graphical user interface

Description automatically generated

Fig11: 2nd.txt file

Graphical user interface

Description automatically generated

Fig12: 1st.txt file

12. Stop the VM from the portal.

Graphical user interface, text, application, email

Description automatically generated

Fig13: stopping VM

13. Restart the VM from the portal and connect to it again as mentioned above.

Graphical user interface, text, application, email

Description automatically generated

Fig14: restarting VM

14. Check if the files are intact.

=> Yes, the files were still intact.

Graphical user interface, Word

Description automatically generated

Fig15: 1st.txt after restarting

A picture containing text, screenshot, monitor

Description automatically generated

Fig16: 2nd.txt after restarting

15. Delete the VM and all its associated resources.

Graphical user interface, text, application, email

Description automatically generated

Fig17: deleting VM