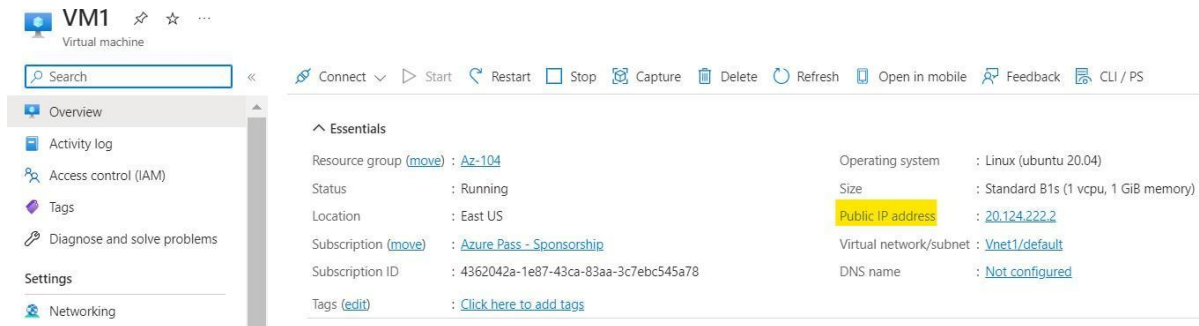




Module 6: Hands-On: Verify VNet Connectivity

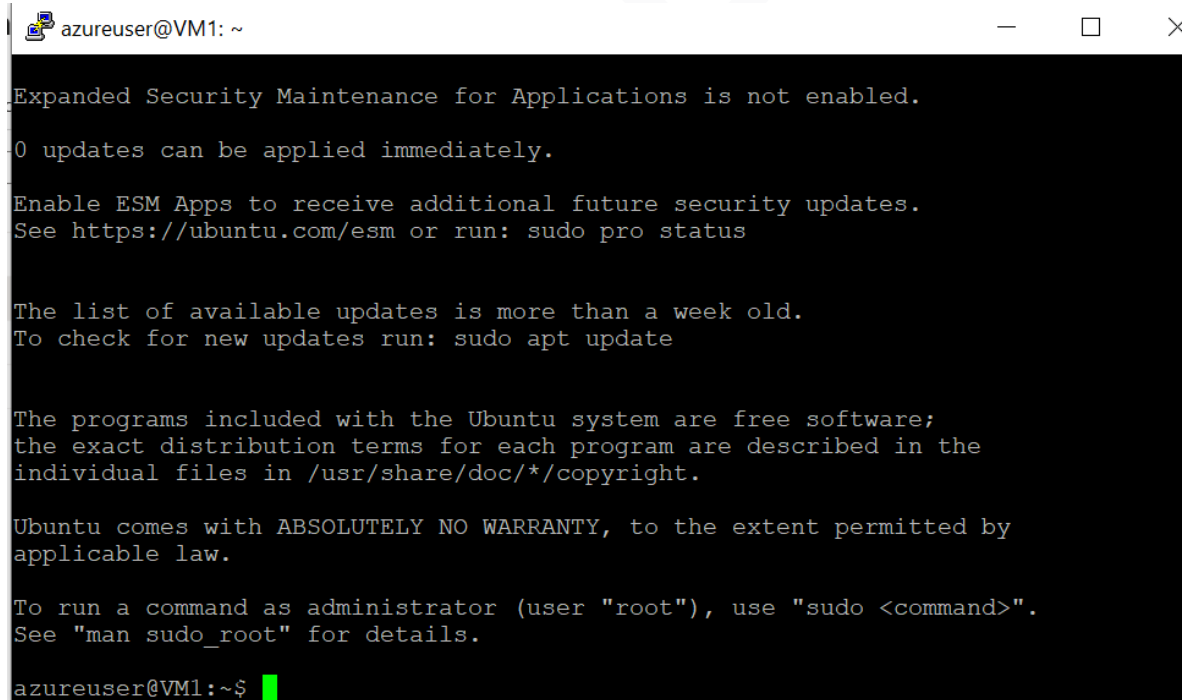
Step 1: Open any one of the VM



The screenshot shows the Azure portal interface for a virtual machine named VM1. The left sidebar contains navigation options: Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, and Networking. The main area displays the 'Essentials' section with the following details:

Property	Value
Resource group	Az-104
Status	Running
Location	East US
Subscription	Azure Pass - Sponsorship
Subscription ID	4362042a-1e87-43ca-83aa-3c7ebc545a78
Operating system	Linux (ubuntu 20.04)
Size	Standard B1s (1 vcpu, 1 GiB memory)
Public IP address	20.124.222.2
Virtual network/subnet	Vnet1/default
DNS name	Not configured

Step 2: Launch the VM through PuTTY



The screenshot shows a PuTTY terminal window titled 'azureuser@VM1: ~'. The terminal displays the following text:

```
Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update


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@VM1:~$
```

Step 3: Now run the ping command in your VM and paste the IP address of your second VM and verify that peering connection. Notice that you get a reply from the server.

 azureuser@VM1: ~

```
azureuser@VM1:~$ ping 20.0.0.4
PING 20.0.0.4 (20.0.0.4) 56(84) bytes of data.
64 bytes from 20.0.0.4: icmp_seq=1 ttl=64 time=2.04 ms
64 bytes from 20.0.0.4: icmp_seq=2 ttl=64 time=1.46 ms
64 bytes from 20.0.0.4: icmp_seq=3 ttl=64 time=2.25 ms
64 bytes from 20.0.0.4: icmp_seq=4 ttl=64 time=2.64 ms
64 bytes from 20.0.0.4: icmp_seq=5 ttl=64 time=1.70 ms
64 bytes from 20.0.0.4: icmp_seq=6 ttl=64 time=2.22 ms
64 bytes from 20.0.0.4: icmp_seq=7 ttl=64 time=2.39 ms
^C
--- 20.0.0.4 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6010ms
rtt min/avg/max/mdev = 1.457/2.099/2.636/0.375 ms
azureuser@VM1:~$
```