

Networking-Project:

After login to Private_ECS :

-Enter: (ping alibabacloud.sa) command and take screenshot of output .

-Enter: (ping "PRIVATE IP OF Public-ECS") command and take screenshot of output :

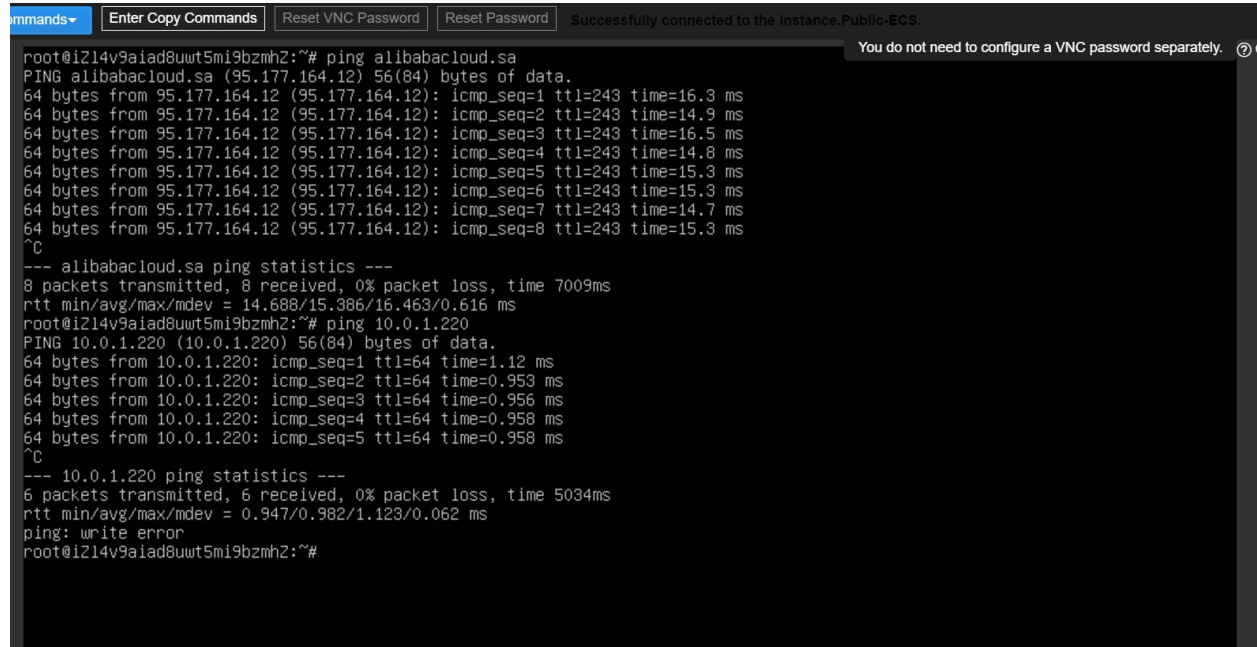
```
root@i214v1hcqyba7xsfhree12:~# ping
ping: usage error: Destination address required
root@i214v1hcqyba7xsfhree12:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
^C
--- alibabacloud.sa ping statistics ---
71 packets transmitted, 0 received, 100% packet loss, time 71683ms

root@i214v1hcqyba7xsfhree12:~# ping 10.0.2.10
PING 10.0.2.10 (10.0.2.10) 56(84) bytes of data.
64 bytes from 10.0.2.10: icmp_seq=1 ttl=64 time=1.39 ms
64 bytes from 10.0.2.10: icmp_seq=2 ttl=64 time=1.26 ms
64 bytes from 10.0.2.10: icmp_seq=3 ttl=64 time=1.17 ms
64 bytes from 10.0.2.10: icmp_seq=4 ttl=64 time=1.16 ms
64 bytes from 10.0.2.10: icmp_seq=5 ttl=64 time=1.17 ms
64 bytes from 10.0.2.10: icmp_seq=6 ttl=64 time=1.14 ms
64 bytes from 10.0.2.10: icmp_seq=7 ttl=64 time=1.13 ms
^C
--- 10.0.2.10 ping statistics ---
7 packets transmitted, 7 received, 0% packet loss, time 6007ms
rtt min/avg/max/mdev = 1.133/1.202/1.392/0.086 ms
root@i214v1hcqyba7xsfhree12:~#
```

Connect to Public-ECS through VNC :

-Enter: (ping alibabacloud.sa) command and take screenshot of output.

-Enter: (ping "PRIVATE IP OF Private-ECS") command and take screenshot of output:



The screenshot shows a VNC terminal window with a dark background. At the top, there are buttons for 'Enter Copy Commands', 'Reset VNC Password', and 'Reset Password'. To the right of these buttons, it says 'Successfully connected to the instance: Public-ECS.' Below the buttons, there is a status bar that reads 'You do not need to configure a VNC password separately.' The terminal content shows a user at the prompt 'root@i214v9aiad8uwt5mi9bzmh2:~#' executing 'ping alibabacloud.sa'. The output shows 8 successful pings to 95.177.164.12. Then, the user presses '^C' to interrupt. Next, the user executes 'ping 10.0.1.220'. The output shows 5 successful pings to 10.0.1.220. Finally, the user presses '^C' again, and the terminal shows a 'ping: write error' message.

```
root@i214v9aiad8uwt5mi9bzmh2:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=1 ttl=243 time=16.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=2 ttl=243 time=14.9 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=3 ttl=243 time=16.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=4 ttl=243 time=14.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=5 ttl=243 time=15.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=6 ttl=243 time=15.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=7 ttl=243 time=14.7 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=8 ttl=243 time=15.3 ms
^C
--- alibabacloud.sa ping statistics ---
8 packets transmitted, 8 received, 0% packet loss, time 7009ms
rtt min/avg/max/mdev = 14.688/15.386/16.463/0.616 ms
root@i214v9aiad8uwt5mi9bzmh2:~# ping 10.0.1.220
PING 10.0.1.220 (10.0.1.220) 56(84) bytes of data.
64 bytes from 10.0.1.220: icmp_seq=1 ttl=64 time=1.12 ms
64 bytes from 10.0.1.220: icmp_seq=2 ttl=64 time=0.953 ms
64 bytes from 10.0.1.220: icmp_seq=3 ttl=64 time=0.956 ms
64 bytes from 10.0.1.220: icmp_seq=4 ttl=64 time=0.958 ms
64 bytes from 10.0.1.220: icmp_seq=5 ttl=64 time=0.958 ms
^C
--- 10.0.1.220 ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5034ms
rtt min/avg/max/mdev = 0.947/0.982/1.123/0.062 ms
ping: write error
root@i214v9aiad8uwt5mi9bzmh2:~#
```

Create internet Nat Gateway to allow private instances to access internet :
-Enter: (ping alibaba cloud.sa) command and take screenshot of output:

```
root@iZ14v1hcqyba7xsfhree1Z:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=1 ttl=243 time=19.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=2 ttl=243 time=18.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=3 ttl=243 time=18.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=4 ttl=243 time=18.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=5 ttl=243 time=18.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=6 ttl=243 time=18.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=7 ttl=243 time=18.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=8 ttl=243 time=18.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=9 ttl=243 time=17.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=10 ttl=243 time=18.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=11 ttl=243 time=18.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=12 ttl=243 time=18.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=13 ttl=243 time=17.9 ms
^C
--- alibabacloud.sa ping statistics ---
13 packets transmitted, 13 received, 0% packet loss, time 12016ms
rtt min/avg/max/mdev = 17.818/18.291/19.319/0.407 ms
root@iZ14v1hcqyba7xsfhree1Z:~# _
```

You do not need to configure