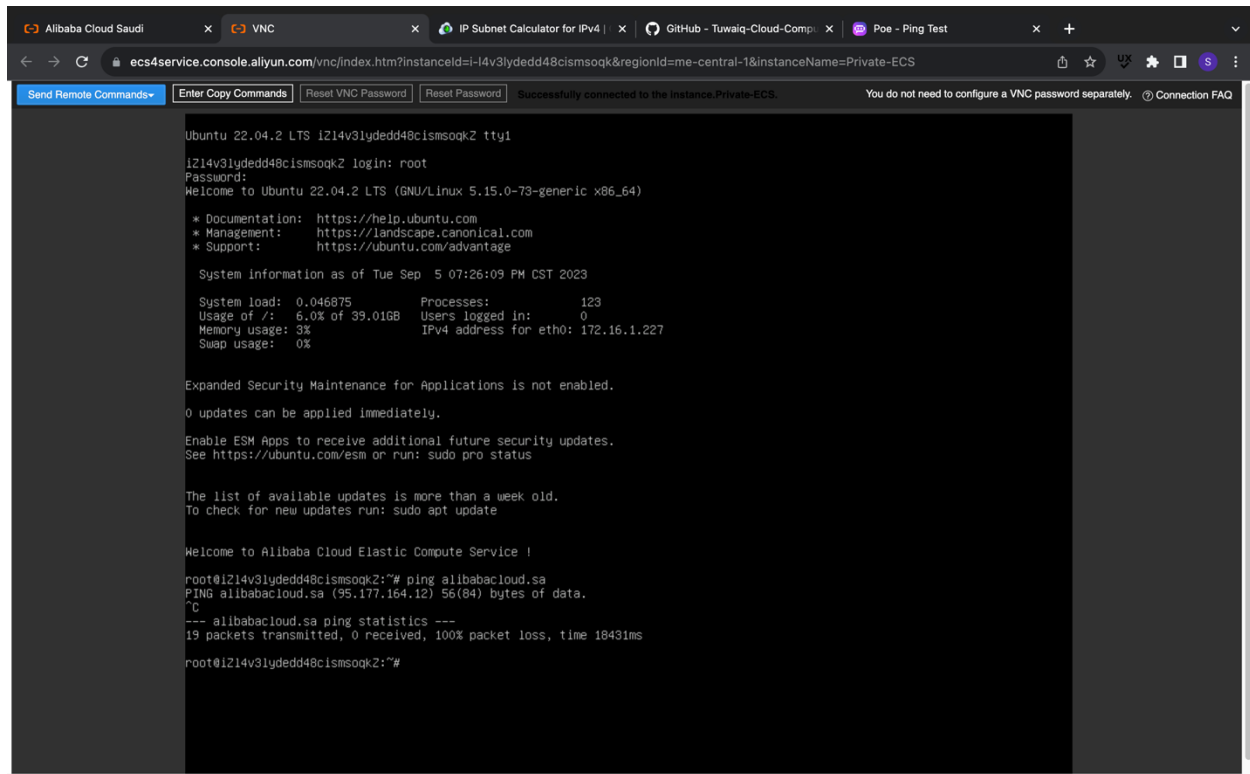


-Enter: (ping alibabacloud.sa) command and take screenshot of output .



The screenshot shows a VNC terminal window connected to an Ubuntu 22.04.2 LTS instance. The terminal output includes the login prompt, system information, and the results of a ping command to alibabacloud.sa. The ping command shows 19 packets transmitted, 0 received, and 100% packet loss, with a time of 18431ms.

```
Ubuntu 22.04.2 LTS i214v3lydedd48cismsoqk2 tty1
i214v3lydedd48cismsoqk2 login: root
Password:
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 5.15.0-73-generic x86_64)

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

System information as of Tue Sep  5 07:26:09 PM CST 2023
System load:  0.046875   Processes:      123
Usage of /:   6.0% of 39.01GB   Users logged in:  0
Memory usage: 3%          IPv4 address for eth0: 172.16.1.227
Swap usage:  0%

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

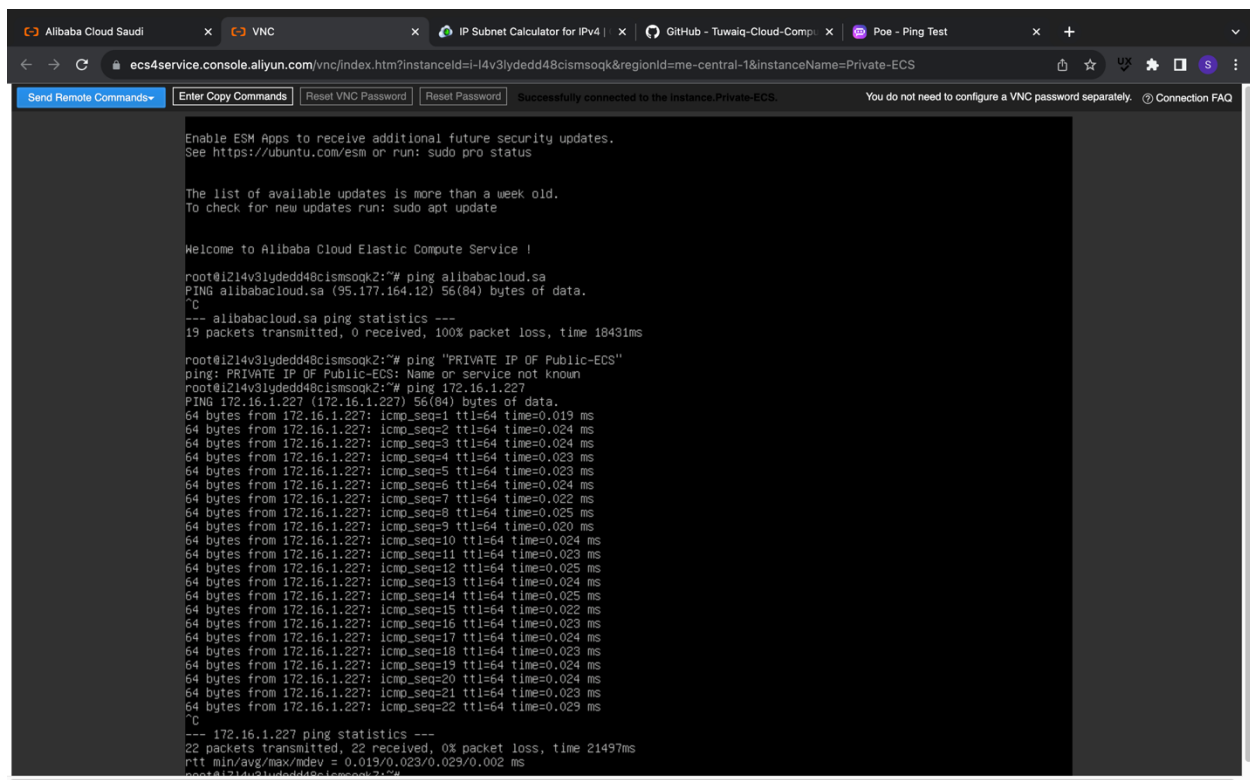
The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Welcome to Alibaba Cloud Elastic Compute Service !

root@i214v3lydedd48cismsoqk2:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
^C
--- alibabacloud.sa ping statistics ---
19 packets transmitted, 0 received, 100% packet loss, time 18431ms

root@i214v3lydedd48cismsoqk2:~#
```

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



The screenshot shows a VNC session interface for an Alibaba Cloud instance. The browser tabs at the top include 'Alibaba Cloud Saudi', 'VNC', 'IP Subnet Calculator for IPv4', 'GitHub - Tuwaiq-Cloud-Compi', and 'Poe - Ping Test'. The address bar shows the URL: `ecs4service.console.aliyun.com/vnc/index.htm?instanceId=i-l4v3lydedd48cismsoqk®ionId=me-central-1&instanceName=Private-ECS`. Below the browser tabs, there are buttons for 'Send Remote Commands', 'Enter Copy Commands', 'Reset VNC Password', and 'Reset Password'. A status bar indicates 'Successfully connected to the instance Private-ECS.' and 'You do not need to configure a VNC password separately. Connection FAQ'.

```
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

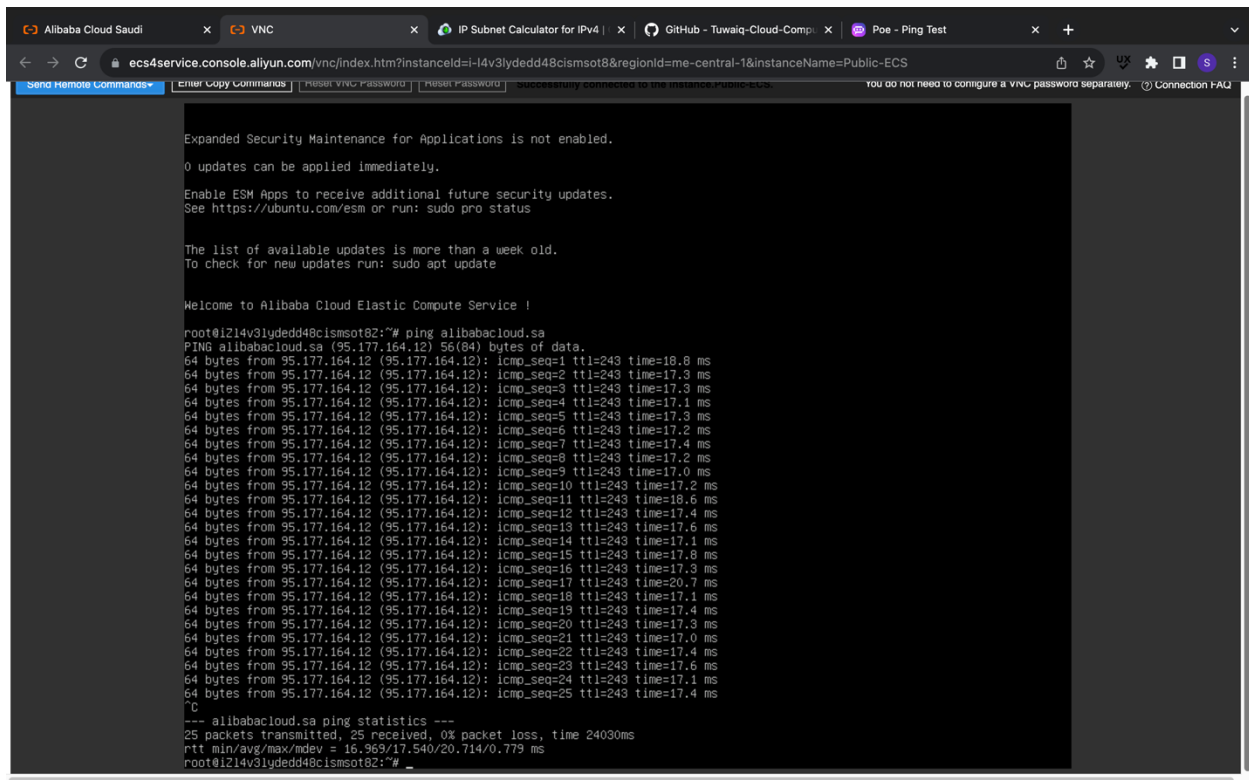
The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Welcome to Alibaba Cloud Elastic Compute Service !

root@i214v3lydedd48cismsoqk2:~# ping alibabacloud.sa
PING alibabacloud.sa (95.177.164.12) 56(84) bytes of data.
^C
--- alibabacloud.sa ping statistics ---
19 packets transmitted, 0 received, 100% packet loss, time 1843ms

root@i214v3lydedd48cismsoqk2:~# ping "PRIVATE IP OF Public-ECS"
ping: PRIVATE IP OF Public-ECS: Name or service not known
root@i214v3lydedd48cismsoqk2:~# ping 172.16.1.227
PING 172.16.1.227 (172.16.1.227) 56(84) bytes of data.
64 bytes from 172.16.1.227: icmp_seq=1 ttl=64 time=0.019 ms
64 bytes from 172.16.1.227: icmp_seq=2 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=3 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=4 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=5 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=6 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=7 ttl=64 time=0.022 ms
64 bytes from 172.16.1.227: icmp_seq=8 ttl=64 time=0.025 ms
64 bytes from 172.16.1.227: icmp_seq=9 ttl=64 time=0.020 ms
64 bytes from 172.16.1.227: icmp_seq=10 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=11 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=12 ttl=64 time=0.025 ms
64 bytes from 172.16.1.227: icmp_seq=13 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=14 ttl=64 time=0.025 ms
64 bytes from 172.16.1.227: icmp_seq=15 ttl=64 time=0.022 ms
64 bytes from 172.16.1.227: icmp_seq=16 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=17 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=18 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=19 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=20 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=21 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=22 ttl=64 time=0.029 ms
^C
--- 172.16.1.227 ping statistics ---
22 packets transmitted, 22 received, 0% packet loss, time 21497ms
rtt min/avg/max/mdev = 0.019/0.023/0.029/0.002 ms
```

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



The screenshot shows a VNC terminal window with a dark background and light-colored text. The terminal output displays the results of a ping command from a root user on an Alibaba Cloud Elastic Compute Service (ECS) instance. The output includes a welcome message, the command executed, and a detailed list of 25 ping packets with their respective sequence numbers, TTL values, and response times. A summary of the ping statistics is also provided at the bottom.

```
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

Welcome to Alibaba Cloud Elastic Compute Service !

root@i214v3lydedd48cismsot82:~# 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=18.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=2 ttl=243 time=17.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=3 ttl=243 time=17.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=4 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=5 ttl=243 time=17.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=6 ttl=243 time=17.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=7 ttl=243 time=17.4 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=8 ttl=243 time=17.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=9 ttl=243 time=17.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=10 ttl=243 time=17.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=11 ttl=243 time=18.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=12 ttl=243 time=17.4 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=13 ttl=243 time=17.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=14 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=15 ttl=243 time=17.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=16 ttl=243 time=17.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=17 ttl=243 time=20.7 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=18 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=19 ttl=243 time=17.4 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=20 ttl=243 time=17.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=21 ttl=243 time=17.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=22 ttl=243 time=17.4 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=23 ttl=243 time=17.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=24 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=25 ttl=243 time=17.4 ms
^C
--- alibabacloud.sa ping statistics ---
25 packets transmitted, 25 received, 0% packet loss, time 24030ms
rtt min/avg/max/mdev = 16.969/17.540/20.714/0.779 ms
root@i214v3lydedd48cismsot82:~#
```

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

```
Alibaba Cloud Saudi x VNC x IP Subnet Calculator for IPv4 x GitHub - Tuwaiq-Cloud-Comp x Poe - Ping Test x +
ecs4service.console.aliyun.com/vnc/index.htm?instanceId=i-l4v3lydedd48cismso8&regionId=me-central-1&instanceName=Public-ECS
Send Remote Commands Enter Copy Commands Push VNC Password Push Password You do not need to configure a VNC password separately. Connection FAQ
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=14 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=15 ttl=243 time=17.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=16 ttl=243 time=17.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=17 ttl=243 time=20.7 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=18 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=19 ttl=243 time=17.4 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=20 ttl=243 time=17.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=21 ttl=243 time=17.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=22 ttl=243 time=17.4 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=23 ttl=243 time=17.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=24 ttl=243 time=17.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=25 ttl=243 time=17.4 ms
^C
--- alibabacloud.sa ping statistics ---
25 packets transmitted, 25 received, 0% packet loss, time 24030ms
rtt min/avg/max/mdev = 16.969/17.540/20.714/0.779 ms
root@i2l4v3lydedd48cismso8:~# ping 8.213.27.80
PING 8.213.27.80 (8.213.27.80) 56(84) bytes of data.
64 bytes from 8.213.27.80: icmp_seq=1 ttl=64 time=0.266 ms
64 bytes from 8.213.27.80: icmp_seq=2 ttl=64 time=0.143 ms
64 bytes from 8.213.27.80: icmp_seq=3 ttl=64 time=0.136 ms
64 bytes from 8.213.27.80: icmp_seq=4 ttl=64 time=0.140 ms
64 bytes from 8.213.27.80: icmp_seq=5 ttl=64 time=0.147 ms
64 bytes from 8.213.27.80: icmp_seq=6 ttl=64 time=0.175 ms
64 bytes from 8.213.27.80: icmp_seq=7 ttl=64 time=0.141 ms
64 bytes from 8.213.27.80: icmp_seq=8 ttl=64 time=0.143 ms
64 bytes from 8.213.27.80: icmp_seq=9 ttl=64 time=0.143 ms
64 bytes from 8.213.27.80: icmp_seq=10 ttl=64 time=0.137 ms
64 bytes from 8.213.27.80: icmp_seq=11 ttl=64 time=0.140 ms
64 bytes from 8.213.27.80: icmp_seq=12 ttl=64 time=0.140 ms
64 bytes from 8.213.27.80: icmp_seq=13 ttl=64 time=0.180 ms
64 bytes from 8.213.27.80: icmp_seq=14 ttl=64 time=0.141 ms
64 bytes from 8.213.27.80: icmp_seq=15 ttl=64 time=0.148 ms
64 bytes from 8.213.27.80: icmp_seq=16 ttl=64 time=0.143 ms
64 bytes from 8.213.27.80: icmp_seq=17 ttl=64 time=0.151 ms
64 bytes from 8.213.27.80: icmp_seq=18 ttl=64 time=0.143 ms
64 bytes from 8.213.27.80: icmp_seq=19 ttl=64 time=0.130 ms
64 bytes from 8.213.27.80: icmp_seq=20 ttl=64 time=0.144 ms
64 bytes from 8.213.27.80: icmp_seq=21 ttl=64 time=0.143 ms
64 bytes from 8.213.27.80: icmp_seq=22 ttl=64 time=0.142 ms
64 bytes from 8.213.27.80: icmp_seq=23 ttl=64 time=0.142 ms
64 bytes from 8.213.27.80: icmp_seq=24 ttl=64 time=0.146 ms
64 bytes from 8.213.27.80: icmp_seq=25 ttl=64 time=0.160 ms
^C
--- 8.213.27.80 ping statistics ---
25 packets transmitted, 25 received, 0% packet loss, time 24558ms
rtt min/avg/max/mdev = 0.130/0.150/0.266/0.025 ms
root@i2l4v3lydedd48cismso8:~#
```

10- Create internet Nat Gateway to allow private instances to access internet :

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

```
Alibaba Cloud Saudi x VNC x IP Subnet Calculator for IPv4 x GitHub - Tuwaiq-Cloud-Comp x Poe - Ping Test x +
ecs4service.console.aliyun.com/vnc/index.htm?instanceId=i-l4v3lydedd48cismsoqk&regionId=me-central-1&instanceName=Private-ECS
Send Remote Commands Enter Copy Commands Push VNC Password Push Password You do not need to configure a VNC password separately. Connection FAQ
64 bytes from 172.16.1.227: icmp_seq=13 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=14 ttl=64 time=0.025 ms
64 bytes from 172.16.1.227: icmp_seq=15 ttl=64 time=0.022 ms
64 bytes from 172.16.1.227: icmp_seq=16 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=17 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=18 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=19 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=20 ttl=64 time=0.024 ms
64 bytes from 172.16.1.227: icmp_seq=21 ttl=64 time=0.023 ms
64 bytes from 172.16.1.227: icmp_seq=22 ttl=64 time=0.029 ms
^C
--- 172.16.1.227 ping statistics ---
22 packets transmitted, 22 received, 0% packet loss, time 21497ms
rtt min/avg/max/mdev = 0.019/0.023/0.029/0.002 ms
root@i2l4v3lydedd48cismsoqk:~# 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=21.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=2 ttl=243 time=19.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=3 ttl=243 time=19.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=4 ttl=243 time=19.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=5 ttl=243 time=19.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=6 ttl=243 time=19.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=7 ttl=243 time=19.7 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=8 ttl=243 time=19.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=9 ttl=243 time=19.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=10 ttl=243 time=19.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=11 ttl=243 time=19.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=12 ttl=243 time=19.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=13 ttl=243 time=20.1 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=14 ttl=243 time=19.6 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=15 ttl=243 time=19.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=16 ttl=243 time=19.5 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=17 ttl=243 time=19.9 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=18 ttl=243 time=19.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=19 ttl=243 time=19.8 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=20 ttl=243 time=19.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=21 ttl=243 time=19.7 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=22 ttl=243 time=19.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=23 ttl=243 time=19.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=24 ttl=243 time=19.3 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=25 ttl=243 time=20.0 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=26 ttl=243 time=19.2 ms
64 bytes from 95.177.164.12 (95.177.164.12): icmp_seq=27 ttl=243 time=19.4 ms
^C
--- alibabacloud.sa ping statistics ---
27 packets transmitted, 27 received, 0% packet loss, time 26030ms
rtt min/avg/max/mdev = 19.040/19.561/21.103/0.403 ms
root@i2l4v3lydedd48cismsoqk:~#
```