

1. Use the ping command to successfully send 4 ICMP packets from Windows to CentOS VM.

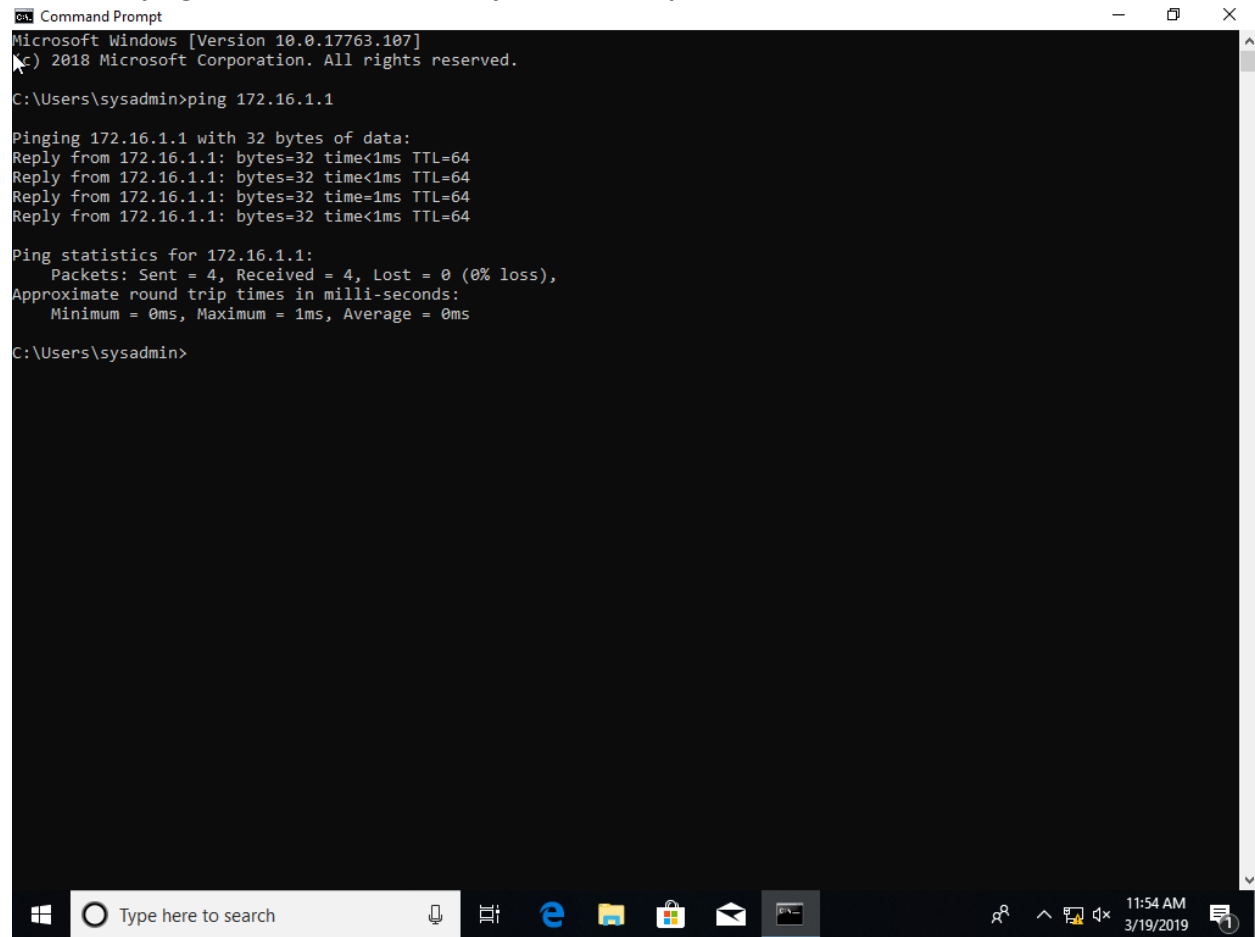
```
Command Prompt
Microsoft Windows [Version 10.0.17763.107]
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C:\Users\sysadmin>ping 172.16.1.1

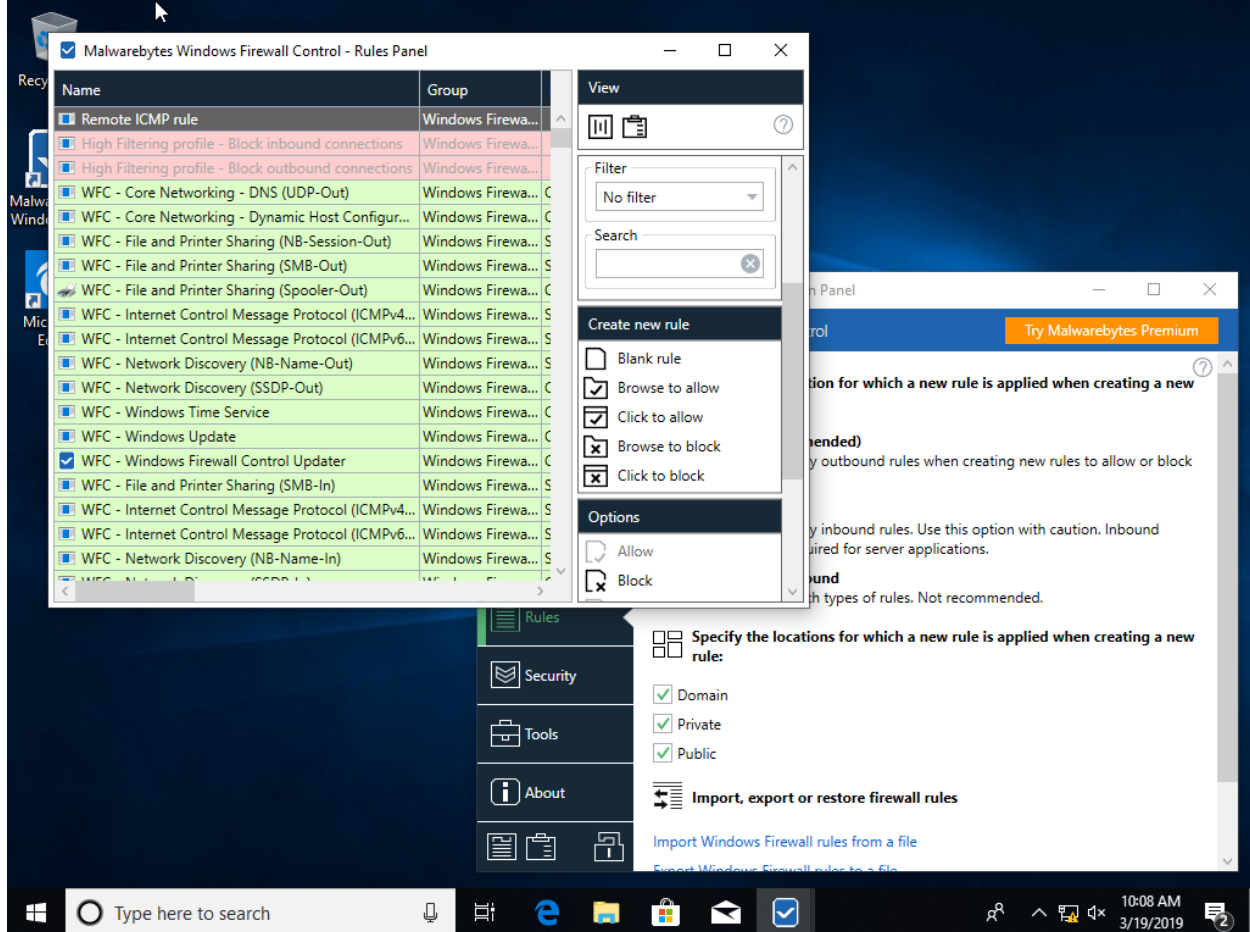
Pinging 172.16.1.1 with 32 bytes of data:
Reply from 172.16.1.1: bytes=32 time<1ms TTL=64
Reply from 172.16.1.1: bytes=32 time<1ms TTL=64
Reply from 172.16.1.1: bytes=32 time<1ms TTL=64
Reply from 172.16.1.1: bytes=32 time<1ms TTL=64

Ping statistics for 172.16.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\sysadmin>
```



2. In Windows 10 install third party firewall Windows Firewall Control (WFC), in the new firewall add a rule to enable ICMP packets from remote systems.



3. Use the ping command to successfully send 4 ICMP packets from CentOS to Windows VM.

```
[toor@localhost ~]$ ping -c 4 172.16.1.2
PING 172.16.1.2 (172.16.1.2) 56(84) bytes of data:
64 bytes from 172.16.1.2: icmp_seq=1 ttl=128 time=0.465 ms
64 bytes from 172.16.1.2: icmp_seq=2 ttl=128 time=0.396 ms
64 bytes from 172.16.1.2: icmp_seq=3 ttl=128 time=0.456 ms
64 bytes from 172.16.1.2: icmp_seq=4 ttl=128 time=0.388 ms

--- 172.16.1.2 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3001ms
rtt min/avg/max/mdev = 0.388/0.424/0.465/0.039 ms
[toor@localhost ~]$ _
```

4. Uninstall WFC and use the native Windows Firewall to add a rule to enable ICMP packets from remote systems.

