

Blocking ICMP(Ping)

For my Next Firewall Lab Practice I will be blocking ICMP ping.

By blocking ping we make our VM invisible to anyone who tries to ping to it.

Step 1:

Go to Firewall and then Rules then click on add

States	Protocol	Source	Port	Destination	Port	Gateway	Queue	Schedule	Description	Actions
3 /7.90 MiB	*	*	*	LAN Address	443	*	*		Anti-Lockout Rule	
0 /15 KiB	IPv4 TCP	LAN net	*	*	80 (HTTP)	*	none			

Step 2:

Interface: LAN
Choose the interface from which packets must come to match this rule.

Address Family: IPv4
Select the Internet Protocol version this rule applies to.

Protocol: ICMP
Choose which IP protocol this rule should match.

ICMP Subtypes: any
For ICMP rules on IPv4, one or more of these ICMP subtypes may be specified.
Alternate Host
Datagram conversion error
Echo reply

Source

Source: any
 Invert match

Destination

Destination: any
 Invert match

I made the protocol ICMP and made the subtypes any. I made the source and destination any as well.

Step3:

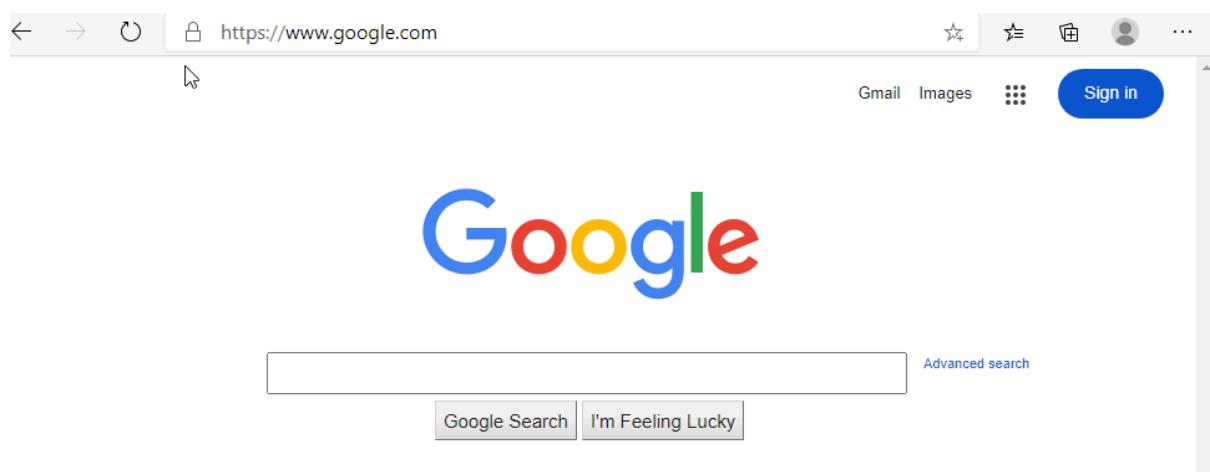
I opened CMD and pinged 8.8.8.8 which is google

And got no response but when i opened google.com it worked.

```
C:\Users\Administrator>ping 8.8.8.8

Pinging 8.8.8.8 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 8.8.8.8:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\Users\Administrator>
```



And that's all there is to it not very complicated!