Lab - Linux Firewall

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- This is an individual assignment and worth 5 points.
- The due is tonight.
- Submit the outcome file. Follow the naming convention.

Task 1

a) On Kali, create a rule that blocks ping requests to the Kali machine.
b) Go to the host machine and ping the Kali. Take a screenshot of the output on the host machine.
c) On Kali, display the rule you created. Take a screenshot of the output.

```
C:\Users\jacks>ping 192.168.189.128

Pinging 192.168.189.128 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.189.128:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\jacks>
```

```
┌──(kali㉿kali)-[~]
└─$ sudo su
┌──(root㉿kali)-[/home/kali]
└─# iptables -A INPUT -p icmp --icmp-type echo-request -j DROP
```

```
┌──(root㉿kali)-[/home/kali]
└─# sudo iptables -L -n -v
Chain INPUT (policy ACCEPT 2549 packets, 1797K bytes)
 pkts bytes target     prot opt in     out     source               destination
    4   240 DROP       icmp --  *      *       0.0.0.0/0            0.0.0.0/0            icmptype 8

Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)
 pkts bytes target     prot opt in     out     source               destination

Chain OUTPUT (policy ACCEPT 0 packets, 0 bytes)
 pkts bytes target     prot opt in     out     source               destination

┌──(root㉿kali)-[/home/kali]
└─#
```

Task 2

a) On Kali, launch Firefox and visit hurmfamilydentistry.com. Make sure the website is displayed properly.
b) Create a rule that blocks access to this site. On a separate tab of the browser, visit the site again and show in a screenshot that the site now is not accessible.
c) Display the rule you created. Take a screenshot of the output.
(Hint: watch the 2nd video in Tutorial 1).