

Lab - Linux Firewall

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

Task 1

- On Kali, create a rule that blocks ping requests to the Kali machine.
- Go to the host machine and ping the Kali. [Take a screenshot of the output on the host machine](#).

```
C:\Users\deven>ping 192.168.52.128

Pinging 192.168.52.128 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.52.128:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\deven>
```

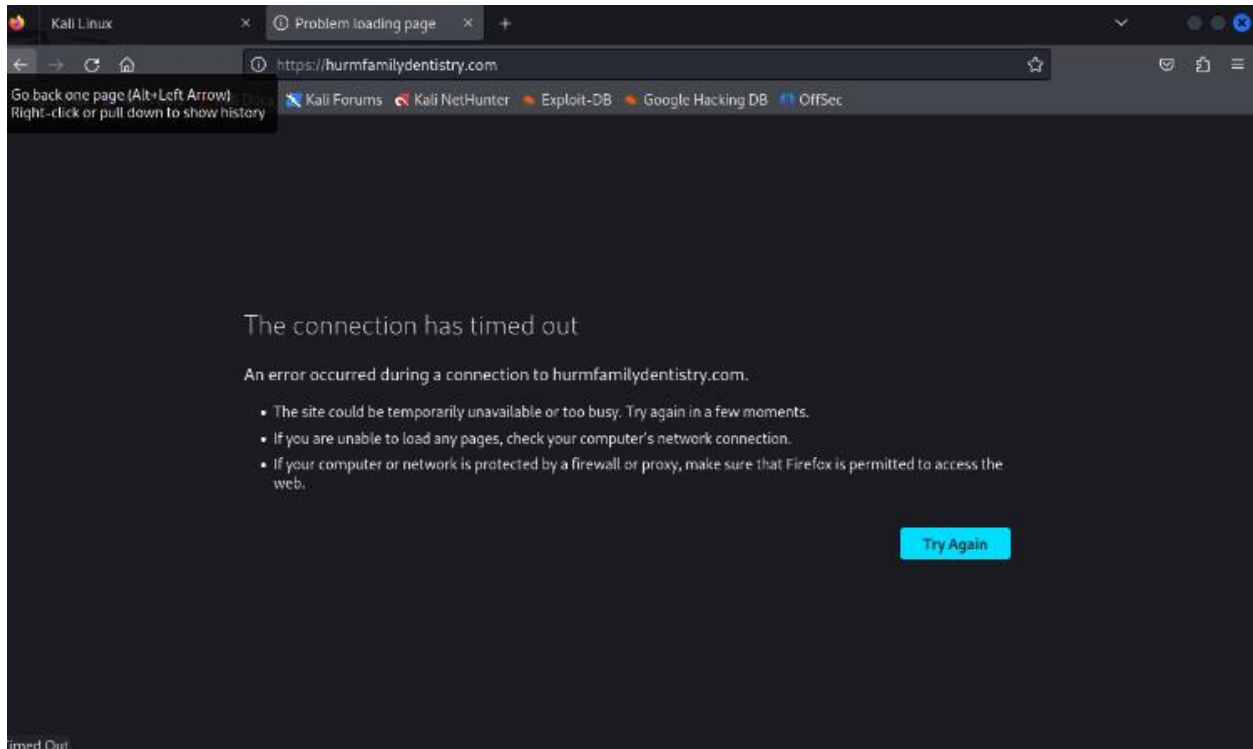
- On Kali, display the rule you created. [Take a screenshot of the output](#).



```
root@kali: /home/kali
File Actions Edit View Help
iptables -A INPUT -p icmp --icmp-type echo-request -j DROP
(root@kali) [/home/kali]
iptables -L
Chain INPUT (policy ACCEPT)
target     prot opt source                destination            icmp echo-re
quest
Chain FORWARD (policy ACCEPT)
target     prot opt source                destination
Chain OUTPUT (policy ACCEPT)
target     prot opt source                destination
(root@kali) [/home/kali]
```

Task 2

- On Kali, launch Firefox and visit hurmfamilydentistry.com. Make sure the website is displayed properly.
- 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](#).



- Display the rule you created. [Take a screenshot of the output](#). (Hint: watch the 2nd video in Tutorial 1).

```
(root@kali)-[/home/kali]
# iptables -L
Chain INPUT (policy ACCEPT)
target     prot opt source                                   destination                                icmp echo-re
quest
DROP      icmp -- anywhere                                anywhere                                icmp echo-re
quest
DROP      all  -- 154.0.153.160:host.secureserver.net  anywhere
```