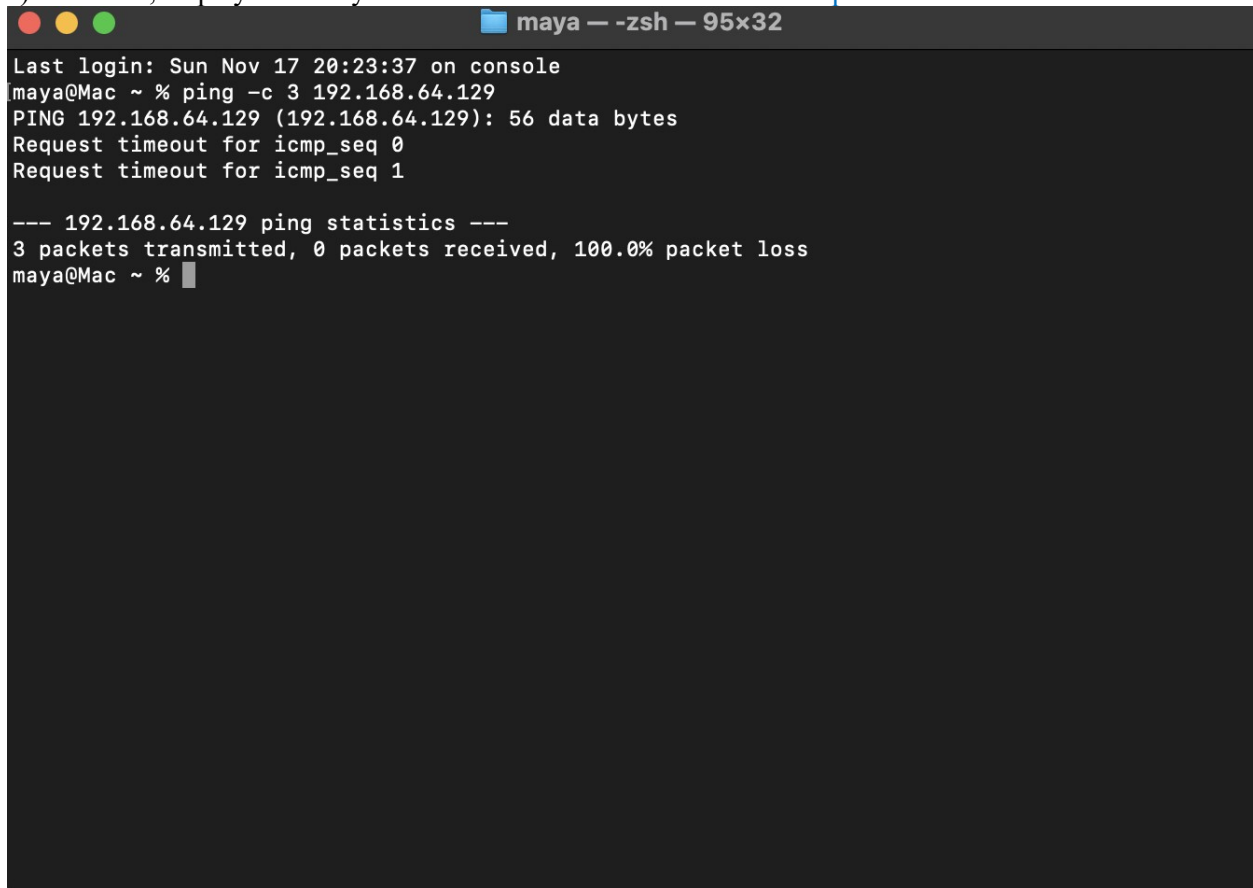


## Lab - Linux Firewall

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



```
maya — zsh — 95x32
Last login: Sun Nov 17 20:23:37 on console
maya@Mac ~ % ping -c 3 192.168.64.129
PING 192.168.64.129 (192.168.64.129): 56 data bytes
Request timeout for icmp_seq 0
Request timeout for icmp_seq 1

--- 192.168.64.129 ping statistics ---
3 packets transmitted, 0 packets received, 100.0% packet loss
maya@Mac ~ %
```

```
(kali㉿kali)-[~]
$ sudo iptables -L -v -n

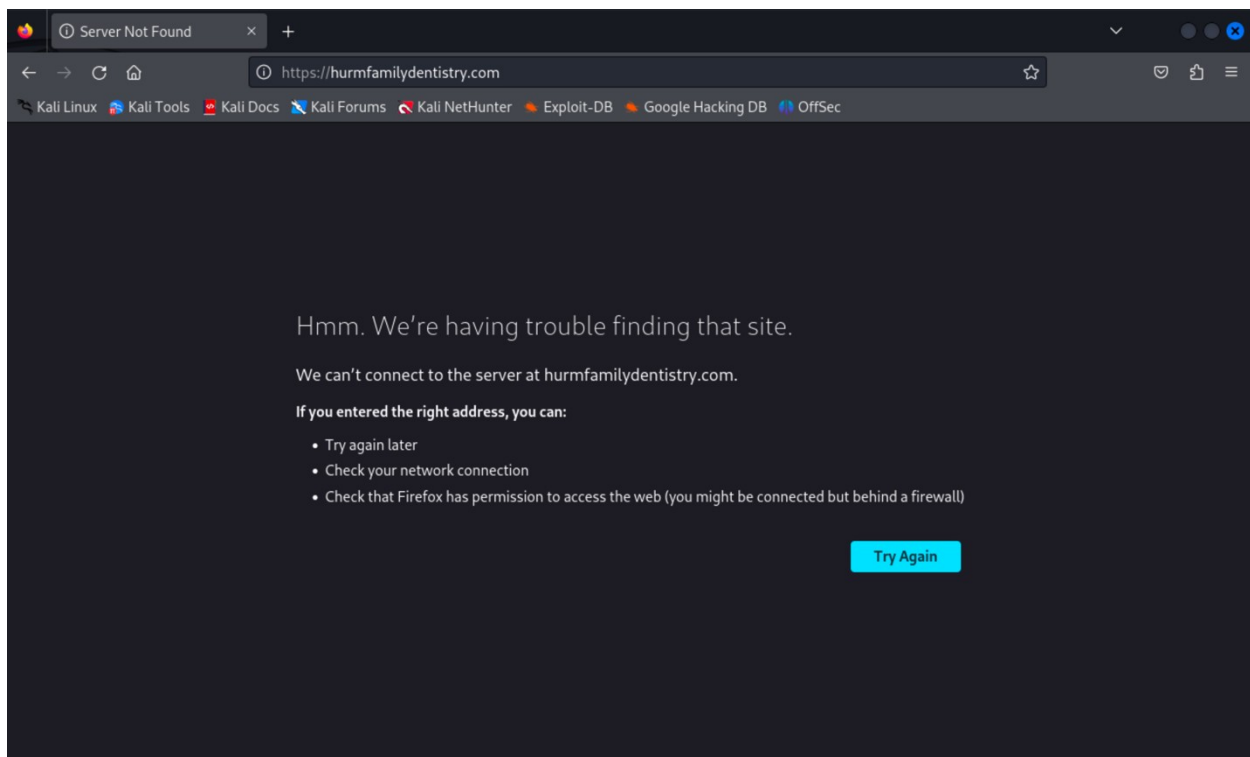
Chain INPUT (policy ACCEPT 1 packets, 76 bytes)
 pkts bytes target     prot opt in     out     source               destination
    0      0 DROP      icmp -- *       *       0.0.0.0/0            0.0.0.0/0
        icmp type 8

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
```

## Task 2

- On Kali, launch Firefox and visit [hurmfamilydentistry.com](https://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 2<sup>nd</sup> video in Tutorial 1).



```
kali@kali: ~  
File Actions Edit View Help  
  
(kali@kali)-[~]  
$ sudo iptables -A OUTPUT -s 192.168.64.2 -j DROP  
  
(kali@kali)-[~]  
$ sudo iptables -L -v -n  
  
Chain INPUT (policy ACCEPT 559 packets, 302K bytes)  
pkts bytes target prot opt in out source destination  
449 52001 DROP all -- * * 192.168.64.2 0.0.0.0/0  
  
Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)  
pkts bytes target prot opt in out source destination  
  
Chain OUTPUT (policy ACCEPT 340 packets, 25032 bytes)  
pkts bytes target prot opt in out source destination  
0 0 DROP all -- * * 192.168.64.2 0.0.0.0/0  
  
(kali@kali)-[~]  
$   
  
* Check your network connection  
* Check that Firefox has permission to access the web (you might be connected but behind a firewall)  
  
Try Again
```