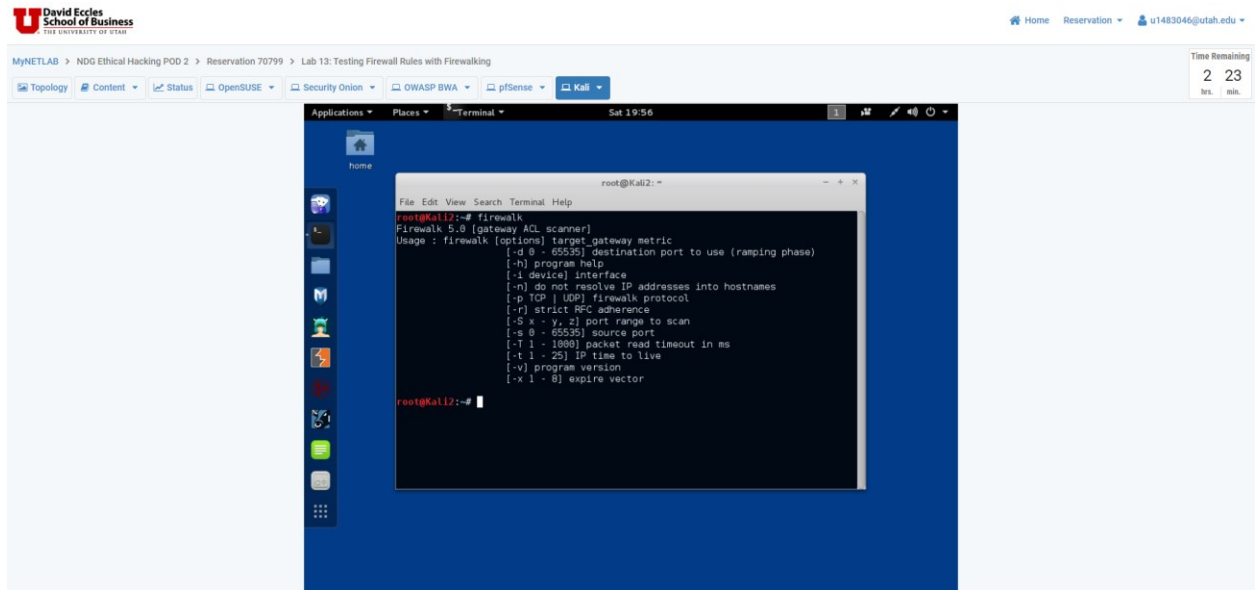


Vu Nguyen

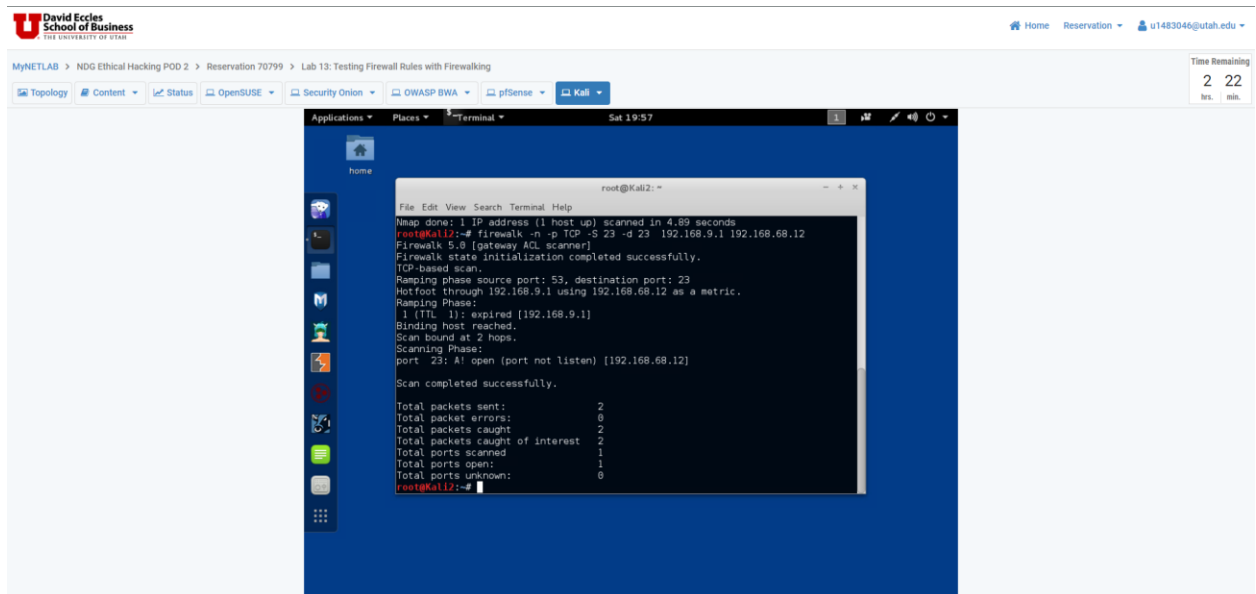
UID: u1483046

Assignment 7 - Testing Firewall Rules (Lab and Quiz)

1. Section 2, Step 6



2. Section 2, Step 8



3. Section 2, Step 10

David Eccles
School of Business
THE UNIVERSITY OF UTAH

Home Reservation u1483046@utah.edu

MyNETLAB > NDG Ethical Hacking POD 2 > Reservation 70799 > Lab 13: Testing Firewall Rules with Firewalking

Topology Content Status OpenSUSE Security Onion OWASP BWA pSense Kali

Time Remaining 2 hrs 20 min

```
root@kali2:~# firewall -S 53-80 -n -p TCP 192.168.9.1 192.168.68.12
Firewalk 5.0 (gateway ACL scanner)
Firewalk state initialization completed successfully.
TCP-based scan.
Ramping phase source port: 53, destination port: 33434
Hotfoot through 192.168.9.1 using 192.168.68.12 as a metric.
Ramping Phase:
1 [TTL 1]: expired [192.168.9.1]
Binding host reached.
Scan bound at 2 hops.
Scanning Phase:
port 53: A! open (port not listen) [192.168.68.12]
port 54: A! open (port not listen) [192.168.68.12]
port 55: A! open (port not listen) [192.168.68.12]
port 56: A! open (port not listen) [192.168.68.12]
port 57: A! open (port not listen) [192.168.68.12]
port 58: A! open (port not listen) [192.168.68.12]
port 59: A! open (port not listen) [192.168.68.12]
port 60: A! open (port not listen) [192.168.68.12]
port 61: A! open (port not listen) [192.168.68.12]
port 62: A! open (port not listen) [192.168.68.12]
port 63: A! open (port not listen) [192.168.68.12]
port 64: A! open (port not listen) [192.168.68.12]
port 65: A! open (port not listen) [192.168.68.12]
port 66: A! open (port not listen) [192.168.68.12]
port 67: A! open (port not listen) [192.168.68.12]
port 68: A! open (port not listen) [192.168.68.12]
port 69: A! open (port not listen) [192.168.68.12]
port 70: A! open (port not listen) [192.168.68.12]
port 71: A! open (port not listen) [192.168.68.12]
port 72: A! open (port not listen) [192.168.68.12]
port 73: A! open (port not listen) [192.168.68.12]
port 74: A! open (port not listen) [192.168.68.12]
port 75: A! open (port not listen) [192.168.68.12]
port 76: A! open (port not listen) [192.168.68.12]
port 77: A! open (port not listen) [192.168.68.12]
port 78: A! open (port not listen) [192.168.68.12]
```

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Topology Content Status OpenSUSE Security Onion OWASP BWA pSense Kali

Time Remaining 2 hrs 20 min

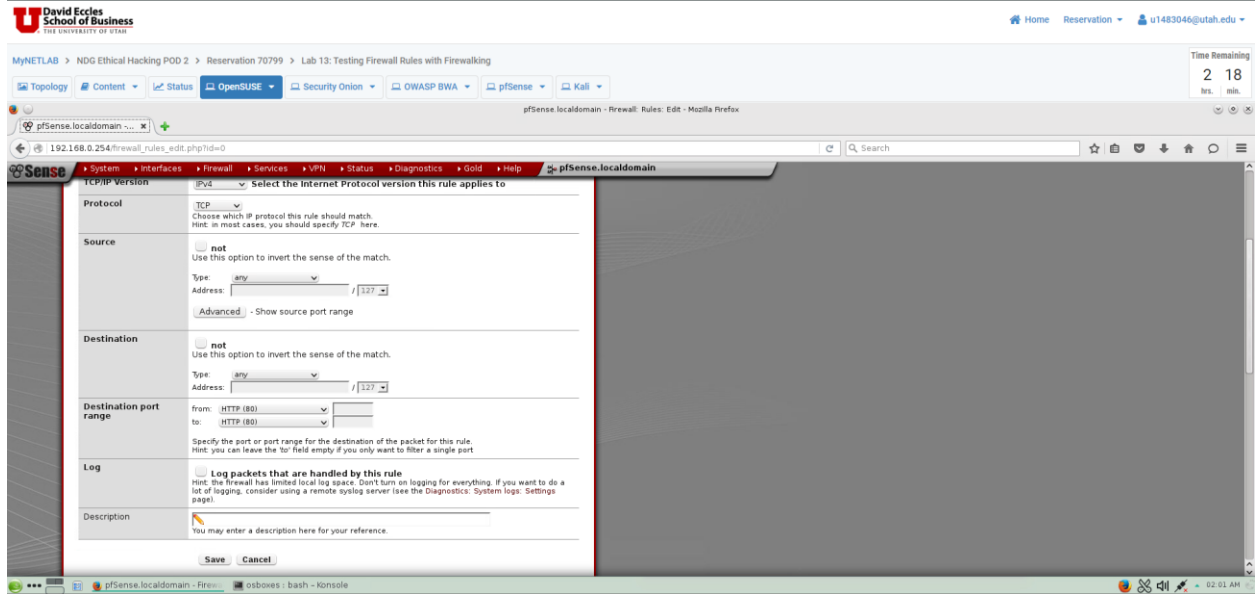
```
port 55: A! open (port not listen) [192.168.68.12]
port 56: A! open (port not listen) [192.168.68.12]
port 57: A! open (port not listen) [192.168.68.12]
port 58: A! open (port not listen) [192.168.68.12]
port 59: A! open (port not listen) [192.168.68.12]
port 60: A! open (port not listen) [192.168.68.12]
port 61: A! open (port not listen) [192.168.68.12]
port 62: A! open (port not listen) [192.168.68.12]
port 63: A! open (port not listen) [192.168.68.12]
port 64: A! open (port not listen) [192.168.68.12]
port 65: A! open (port not listen) [192.168.68.12]
port 66: A! open (port not listen) [192.168.68.12]
port 67: A! open (port not listen) [192.168.68.12]
port 68: A! open (port not listen) [192.168.68.12]
port 69: A! open (port not listen) [192.168.68.12]
port 70: A! open (port not listen) [192.168.68.12]
port 71: A! open (port not listen) [192.168.68.12]
port 72: A! open (port not listen) [192.168.68.12]
port 73: A! open (port not listen) [192.168.68.12]
port 74: A! open (port not listen) [192.168.68.12]
port 75: A! open (port not listen) [192.168.68.12]
port 76: A! open (port not listen) [192.168.68.12]
port 77: A! open (port not listen) [192.168.68.12]
port 78: A! open (port not listen) [192.168.68.12]
port 79: A! open (port not listen) [192.168.68.12]
port 80: A! open (port listen) [192.168.68.12]

Scan completed successfully.

Total packets sent:      29
Total packet errors:     0
Total packets caught:    29
Total packets caught of interest: 29
Total ports scanned:     28
Total ports open:        28
Total ports unknown:     0

root@kali2:~#
```

4. Section 3, Step 3



5. Section 4, Step 2

