# Lab 6 Notes

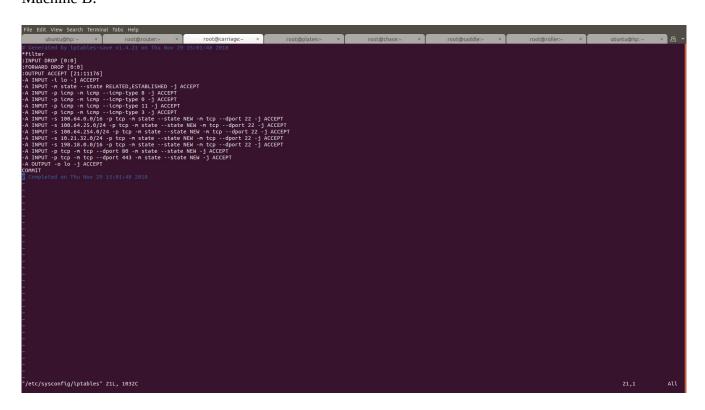
# Ehsan Karimi

Following are the screenshots of /etc/sysconf/iptables for all the machines:

# Machine A:

```
| Constant | Property | Constant | Property | Property
```

## Machine B:



## Machine C:

```
the minutes are continued to the minutes of the min
```

## Machine D:

```
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**Comparison by Spishless state vid-size for two 30 size labs 2018

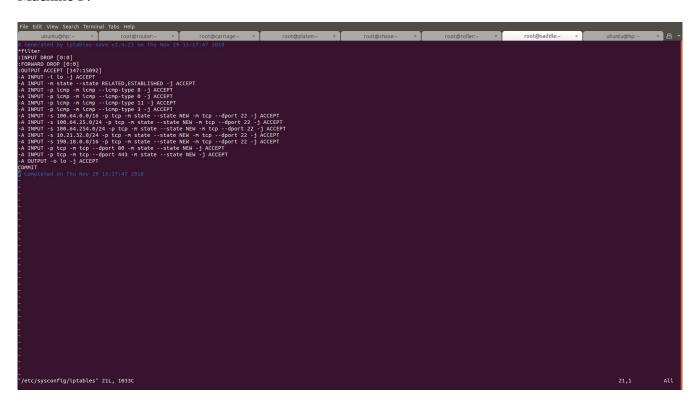
**Comparison (e.g.)

**Com
```

## Machine E:

```
Type Control (1987) Inching the control (1987) I
```

## Machine F:



Following are screenshots demonstrating samples of the key functioning requirements:

# Blocking Facebook:

```
[root@carriage ~]# ping 157.240.2.35
PING 157.240.2.35 (157.240.2.35) 56(84) bytes of data.
```

```
26 2184 DROP all -- * * 0.0.0.0/0 157.240.2.35
```

allow Inbound Ssh connections:

```
[root@carriage ~]# ssh root@100.64.25.3
root@100.64.25.3's password:
```

0	0 ACCEPT	tcp		*	*	0.0.0.0/0	0.0.0.0/0
tcp	spt:22 ctstate	RELAT	ED,E	STAE	BLISHED		
6	360 ACCEPT	tcp		*	*	0.0.0.0/0	0.0.0.0/0

Sending Http request from external network to machine B:

### router:

state	NEW tcp spt:2	22										
1	60 ACCEPT	tcp		*	*	0.0.0.0/0	100.64.25.2					
state NEW tcp dpt:80												
Θ	A ACCEPT	tcn		*	*	0 0 0 0/0	100 64 25 2					

### MachineB:

Allow NEW inbound ftp traffic only from 100.64.0.0/16 and 172.20.74.249:

### MachineB:

### MachineC:

```
state NEW tcp dpt:22

1 60 ACCEPT tcp -- * * 100.64.0.0/16 0.0.0.0/0

state NEW tcp dpt:21
```

DNS query from machine E:

#### MachineE:

```
[root@roller ~]# nslookup www.google.com
Server: 100.64.25.4
Address: 100.64.25.4#53

Non-authoritative answer:
Name: www.google.com
Address: 172.217.3.4
```

### MachineA:

```
tcp dpt:22
1 60 ACCEPT udp -- * * 0.0.0.0/0 100.64.25.4
udp dpt:53 state NEW,ESTABLISHED
0 0 ACCEPT tcp -- * * 0.0.0.0/0 100.64.25.4
tcp dpt:53 state NEW,ESTABLISHED
```

# MachineD:

state NEW tcp dpt:22 1 60 ACCEPT udp -- \* \* 0.0.0.0/0 0.0.0.0/0 udp dpt:53