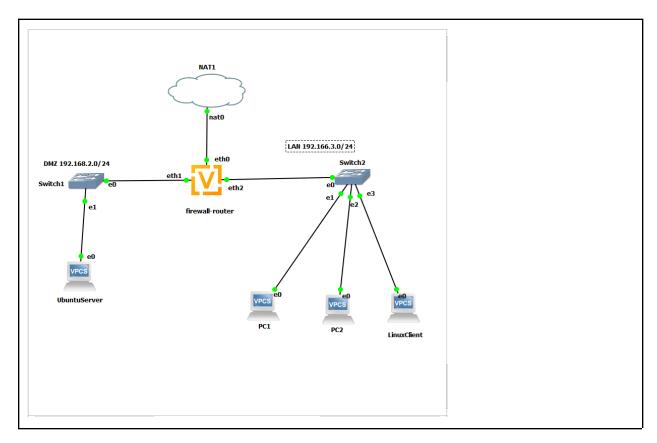
Lab 08: Configuring Firewall Rules

Part 1: Topology Setup

? Question 1 - Submit a screenshot of your topology setup.



Part 3: DNS Forwarding and NAT

!? Question 2 - Submit a screenshot of VPCS1 and VPCS2 pinging google.com

```
PC1> ip 192.168.3.2 255.255.255.0 gateway 192.168.3.1
Checking for duplicate address...
PC1 : 192.168.3.2 255.255.255.0 gateway 192.168.3.1
PC1> ip dns 8.8.8.8
PC1> ping google.com
google.com resolved to 142.251.40.206
84 bytes from 142.251.40.206 icmp_seq=1 ttl=126 time=12.470 ms
84 bytes from 142.251.40.206 icmp_seq=2 ttl=126 time=13.578 ms
84 bytes from 142.251.40.206 icmp_seq=3 ttl=126 time=13.754 ms
84 bytes from 142.251.40.206 icmp_seq=4 ttl=126 time=12.629 ms
84 bytes from 142.251.40.206 icmp_seq=5 ttl=126 time=13.609 ms
PC2> ip dns 8.8.8.8
PC2> ping google.com
google.com resolved to 142.251.40.238
84 bytes from 142.251.40.238 icmp_seq=1 ttl=126 time=13.029 ms
84 bytes from 142.251.40.238 icmp_seq=2 ttl=126 time=13.513 ms
84 bytes from 142.251.40.238 icmp_seq=3 ttl=126 time=13.524 ms
84 bytes from 142.251.40.238 icmp_seq=4 ttl=126 time=14.043 ms
84 bytes from 142.251.40.238 icmp_seq=5 ttl=126 time=12.357 ms
```

Part 4: Firewall Rule Set

!? Question 3 - Ping 8.8.8.8 from VPCS1. Submit a screenshot of your failed ping

```
ole
ma PC1> ping 8.8.8.8
ng
igh
8.8.8.8 icmp_seq=1 timeout
elp 8.8.8.8 icmp_seq=2 timeout
val
8.8.8.8 icmp_seq=3 timeout
8.8.8.8 icmp_seq=4 timeout
^C
PC1>
```

!? Question 4 - Ping 8.8.8.8 from your VyOS router. Submit a screenshot of your failed ping

```
exit
vyos@vyos:~$ ping 8.8.8.8

PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
^C

--- 8.8.8.8 ping statistics ---
17 packets transmitted, 0 received, 100% packet loss, time 16036m

vyos@vyos:~$ 
his
```

!? Question 5 - While in operation mode on your VyOS device, run the history command. Submit a screenshot of your console.

```
firewall-router
```

!? Question 6 - Save your VyOS device console in a .txt file and include it into your .zip submission (in your console, cmd+s or ctrl+s depending on your host OS).

complete

Part 5: Submission

Convert your answer document into a .PDF and upload a single <code>lastname_lab8.zip</code> containing your answer document and your VyOS device console history containing all of your VyOS device commands to Brightspace through the attachment uploads option.