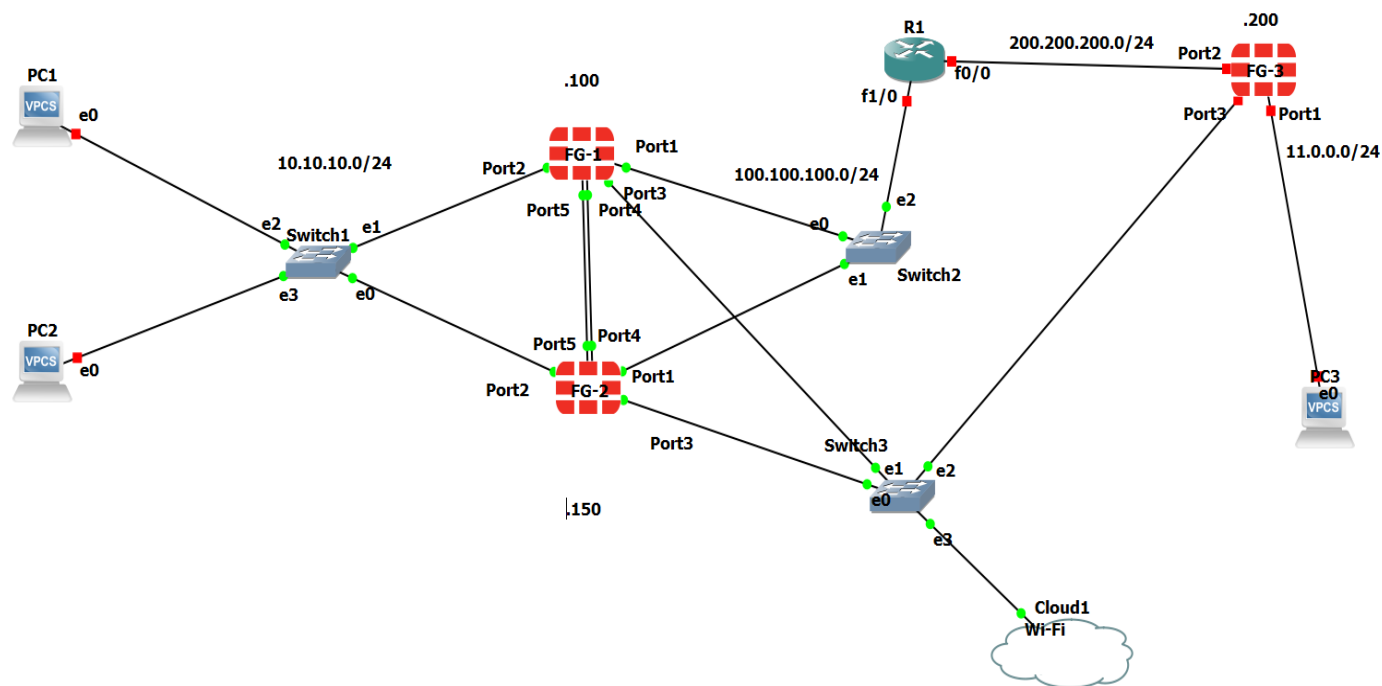


Abdelrahman Mohamed Ali

Task No.4

HA – IPSEC



HA: ▲ Primary

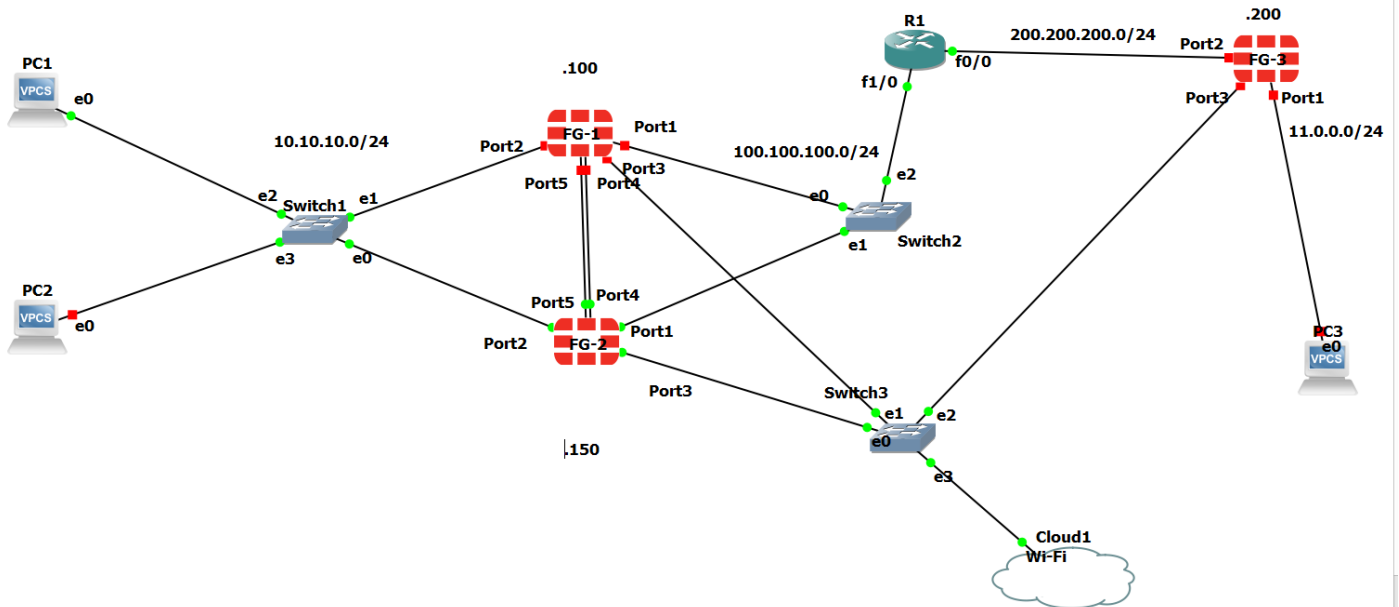
FortiFirewall VM64-KVM

HA-Primary (Primary)

[Refresh](#) [Edit](#) [Remove device from HA cluster](#)

Status	Priority	Hostname	Serial No.	Role	System Uptime	Sessions	Throughput
✔ Synchronized	200	HA-Primary	FFVMEVN3RLC4G419	Primary	16m 49s	11 <div style="width: 100%;"></div>	43.00 kbps
✔ Synchronized	128	HA-Secondary	FFVMEVHGMKWM7F9C	Secondary	10m 45s	28 <div style="width: 100%;"></div>	20.00 kbps

After fail-over



Only 2 packets lost

```
FG-1 | FG-2 | FG-3 | R1 | FG-2 | PC1 x | R1
PC1> ping 100.100.100.1
84 bytes from 100.100.100.1 icmp_seq=1 ttl=254 time=39.426 ms
84 bytes from 100.100.100.1 icmp_seq=2 ttl=254 time=13.392 ms
84 bytes from 100.100.100.1 icmp_seq=3 ttl=254 time=7.833 ms
84 bytes from 100.100.100.1 icmp_seq=4 ttl=254 time=8.218 ms
84 bytes from 100.100.100.1 icmp_seq=5 ttl=254 time=13.167 ms

PC1> ping 100.100.100.1 -t
84 bytes from 100.100.100.1 icmp_seq=1 ttl=254 time=13.255 ms
84 bytes from 100.100.100.1 icmp_seq=2 ttl=254 time=11.676 ms
84 bytes from 100.100.100.1 icmp_seq=3 ttl=254 time=6.655 ms
84 bytes from 100.100.100.1 icmp_seq=4 ttl=254 time=31.783 ms
100.100.100.1 icmp_seq=5 timeout
100.100.100.1 icmp_seq=6 timeout
84 bytes from 100.100.100.1 icmp_seq=7 ttl=254 time=14.116 ms
84 bytes from 100.100.100.1 icmp_seq=8 ttl=254 time=12.974 ms
84 bytes from 100.100.100.1 icmp_seq=9 ttl=254 time=10.241 ms
84 bytes from 100.100.100.1 icmp_seq=10 ttl=254 time=8.498 ms

PC1>
```

Insert Clipboard contents Telnet: ::1 20, 6 20 Rows, 74 Cols VT100 CAP NUM

