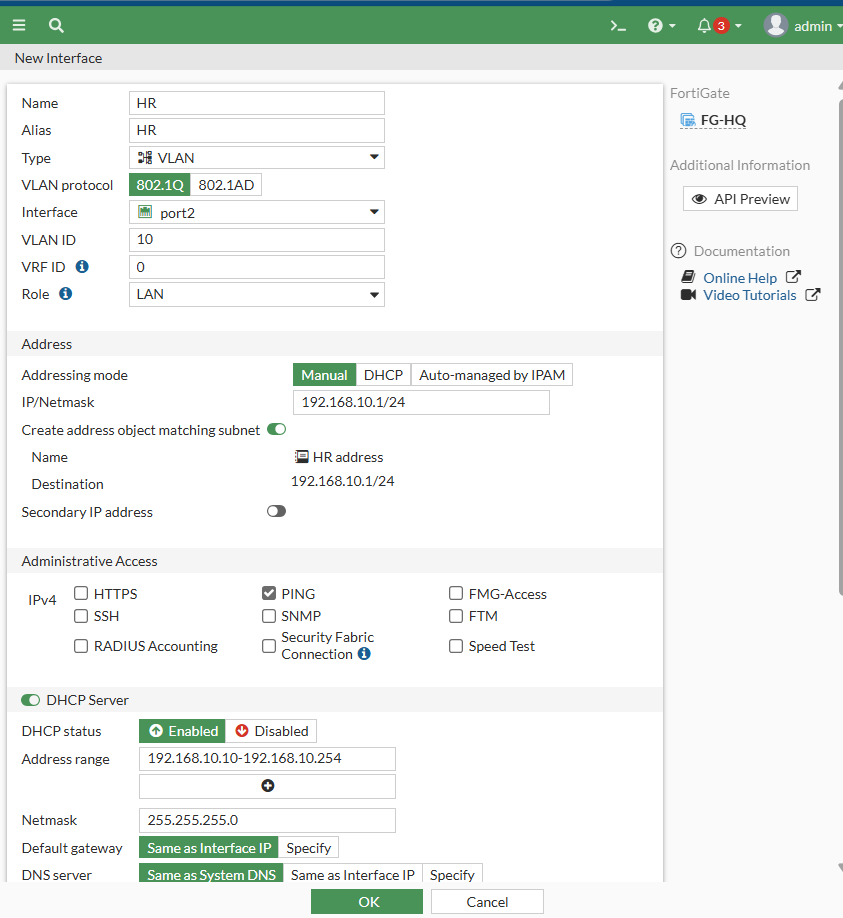


A screenshot of a computer

AI-generated content may be incorrect.



A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

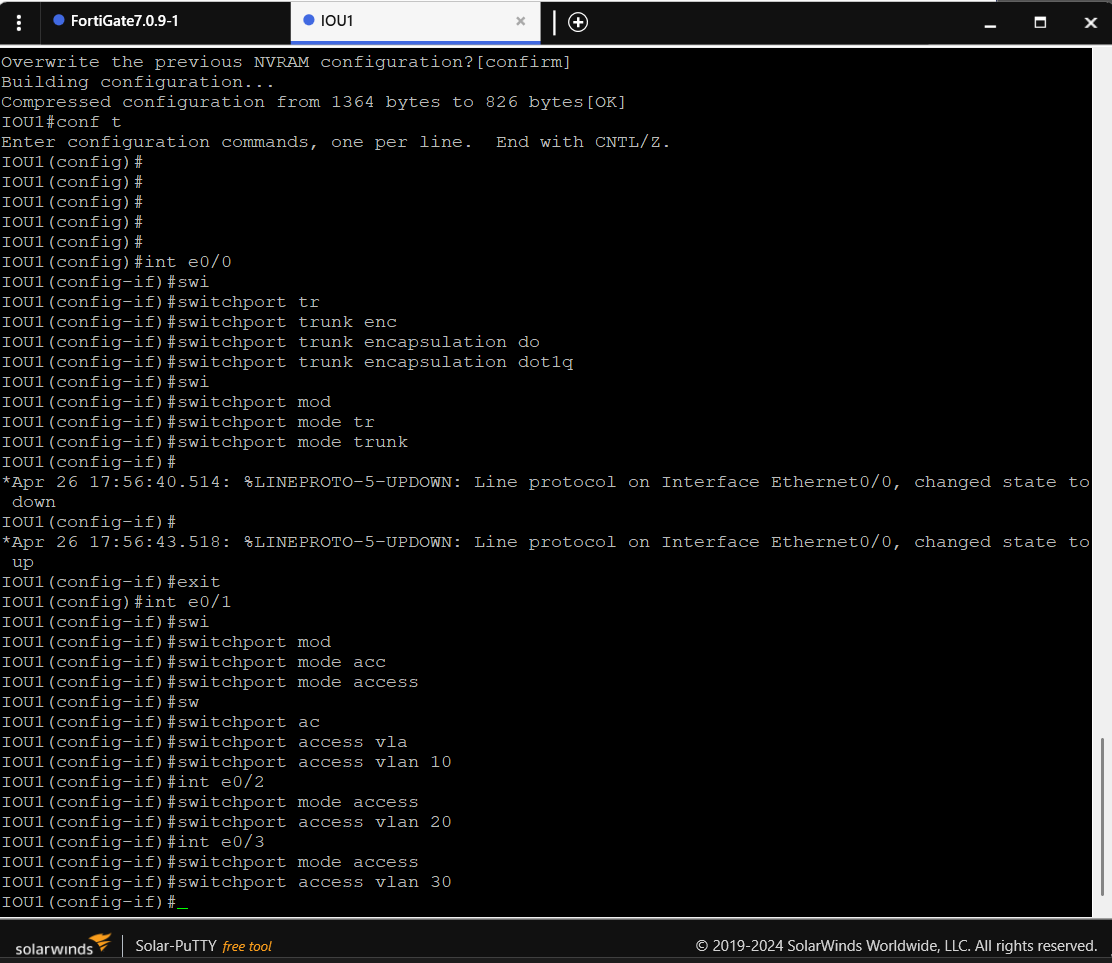
>>>IOU1 CONFIGURATIONS

Creating vlans

A screenshot of a computer

AI-generated content may be incorrect.

Trunk &access interfaces



A screenshot of a computer

AI-generated content may be incorrect.

Taking ip from dhcp

Pc1

A screenshot of a computer

AI-generated content may be incorrect.

Pc2

A screenshot of a computer

AI-generated content may be incorrect.

Pc3

A screenshot of a computer

AI-generated content may be incorrect.

Configuring inter-vlan on fortigate



We need to configure inter-vlan so that they can reach each other

A screenshot of a computer

AI-generated content may be incorrect.

Disable Block intra-zone traffic

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

Pc3 now can ping pc2 and pc1 (intervlan)

A screenshot of a computer

AI-generated content may be incorrect.

Configuring second fortigate

A screenshot of a computer

AI-generated content may be incorrect.

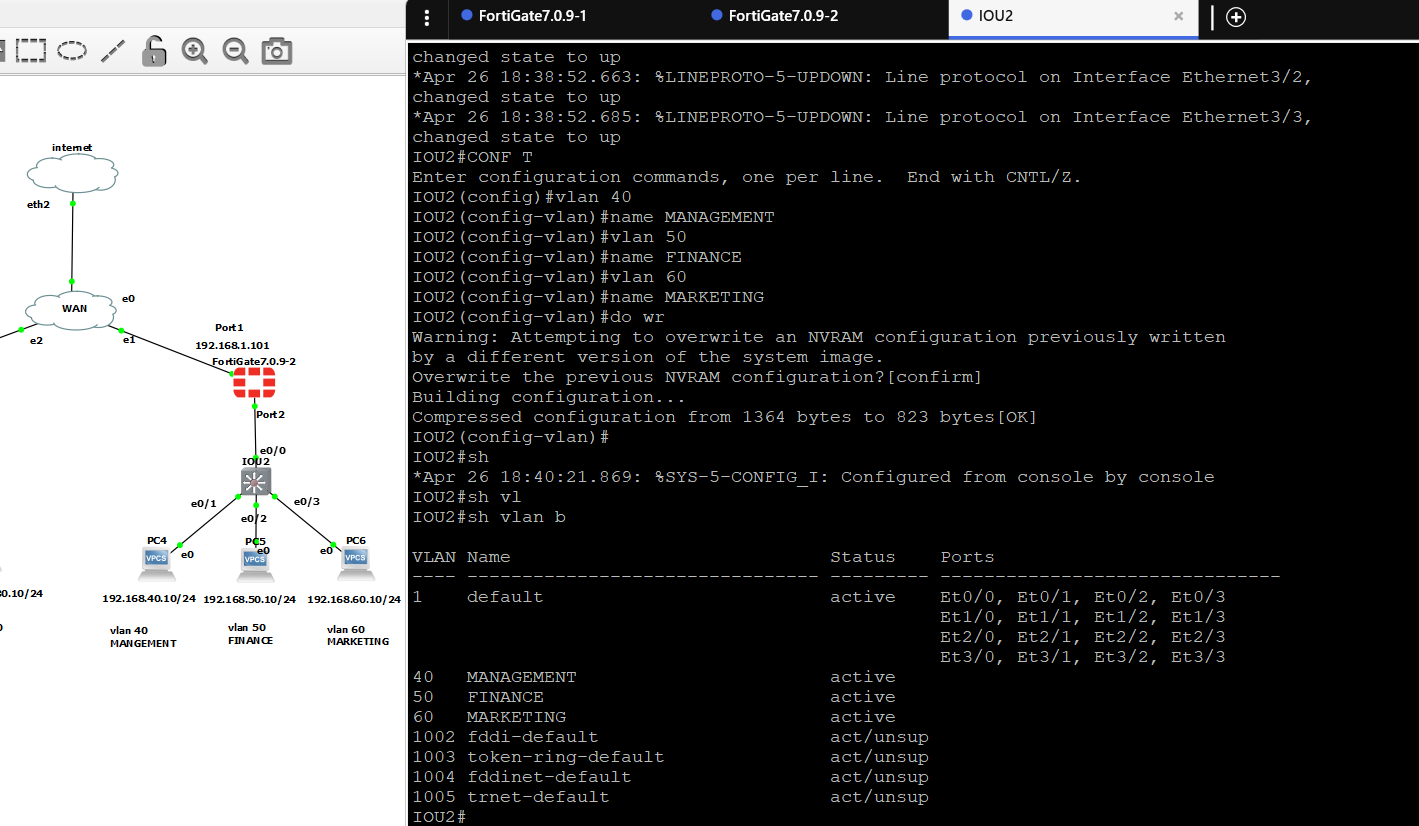
CREATING VLANS

A screenshot of a computer

AI-generated content may be incorrect.

Iou2 configuration

Creating vlans



A screenshot of a computer screen

AI-generated content may be incorrect.

Taking ip from dhcp

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer screen

AI-generated content may be incorrect.

Configuring inter-vlan

A screenshot of a computer screen

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

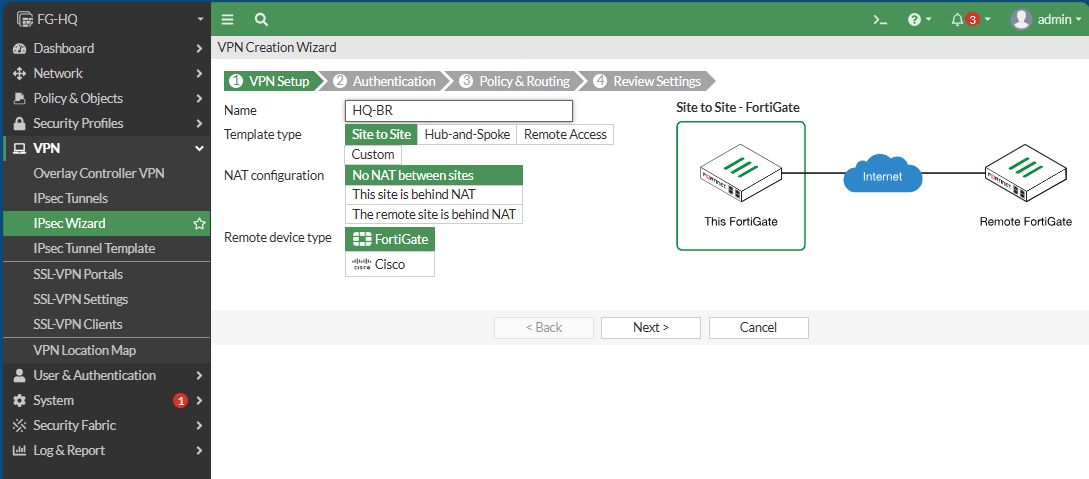
AI-generated content may be incorrect.

Now pc6,pc5,pc4 can communicate with each other but can’t communicate with devices on the other branch(FG-HQ)

A screenshot of a computer

AI-generated content may be incorrect.

So we need to configure site-to-site vpn



A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

After creating vpn a static route&firewall policy are created automatically

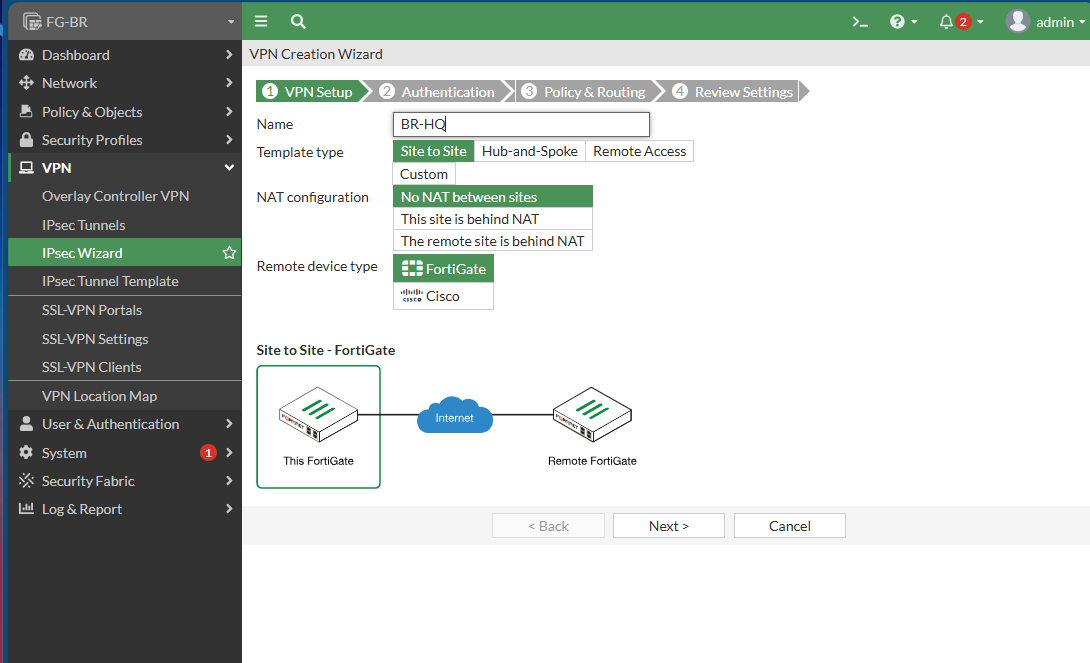
A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

>>Doing the same on FG-BR



A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

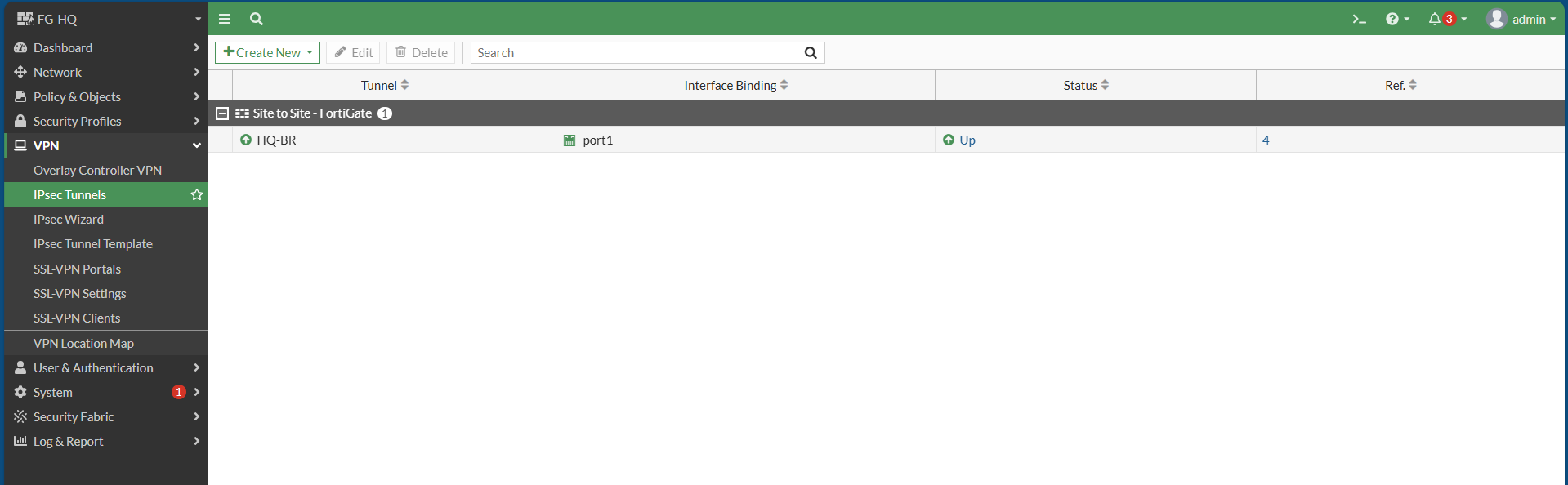
A screenshot of a computer

AI-generated content may be incorrect.

Now lets test ping from pc5(vlan50) to pc1(vlan10)

A screenshot of a computer

AI-generated content may be incorrect.



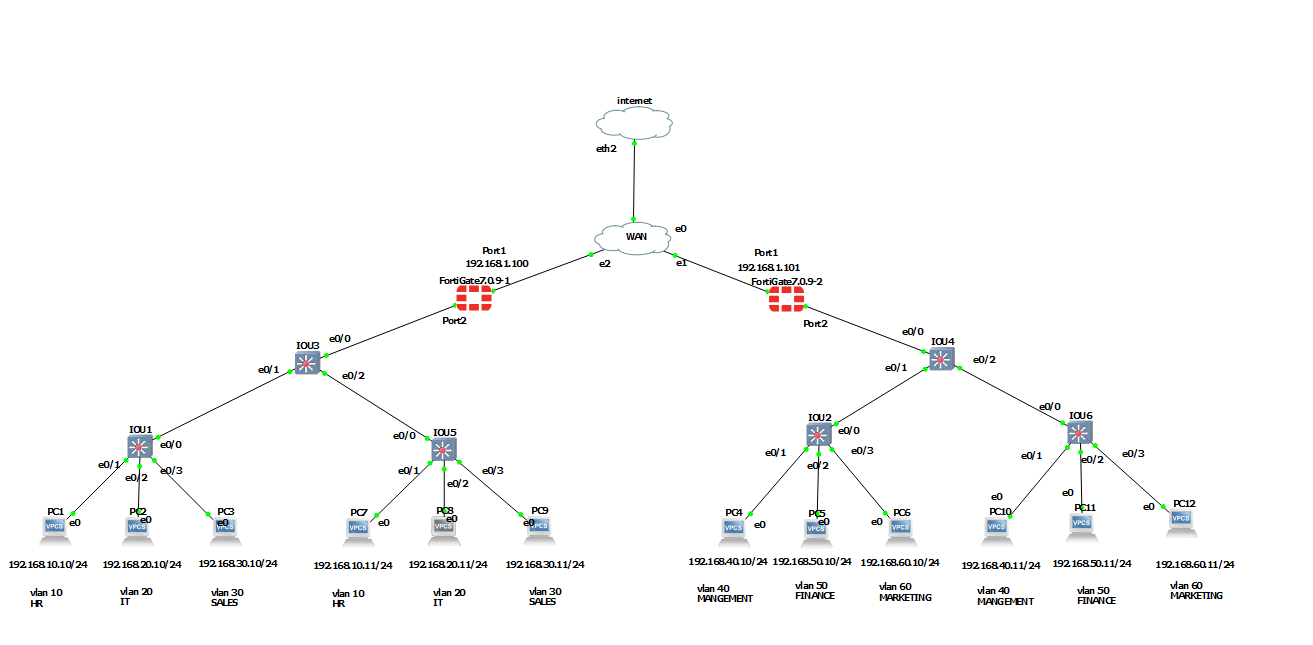
A screenshot of a computer

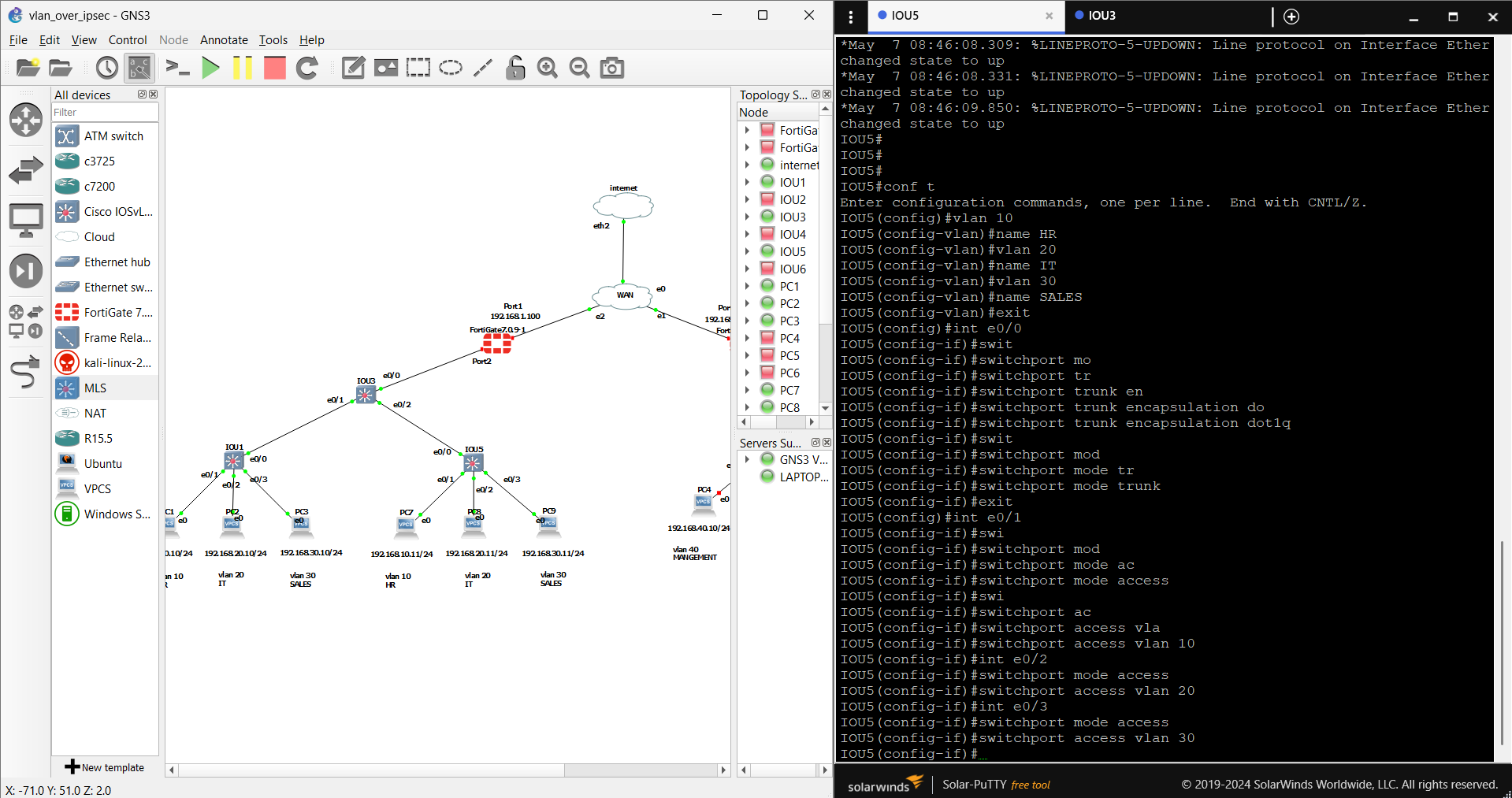
AI-generated content may be incorrect.

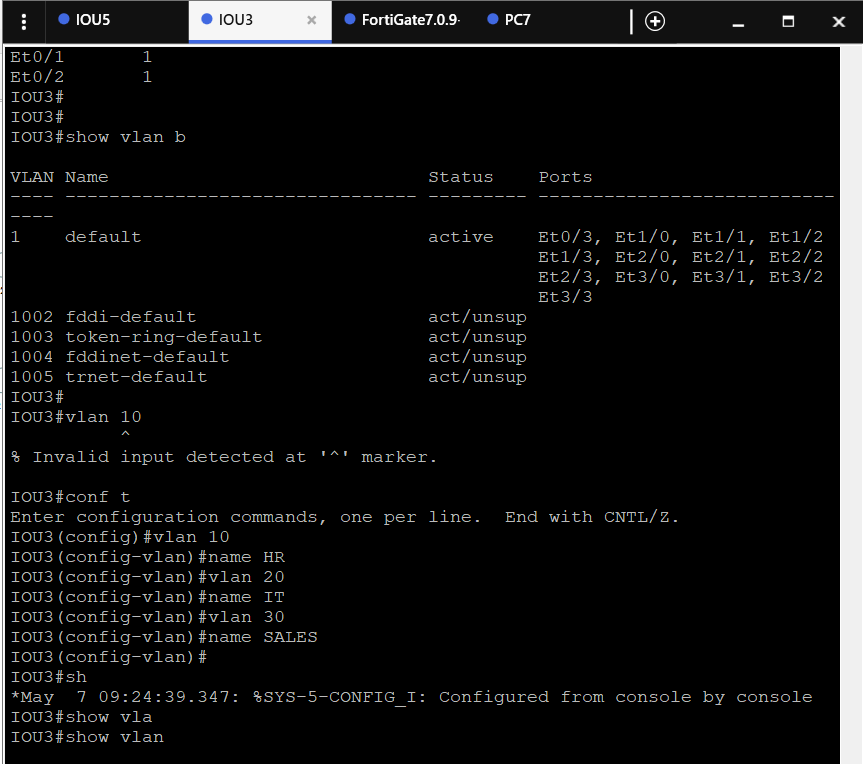
A screenshot of a computer

AI-generated content may be incorrect.

**>>>>>Network Scaling**



>Iou5

>Iou3creating vlansA screenshot of a computer screen

AI-generated content may be incorrect.

Pc7 taking ip(dhcp)

A screenshot of a computer

AI-generated content may be incorrect.

Pc8 taking ip

A screenshot of a computer

AI-generated content may be incorrect.

Pc9 taking ip

A computer screen shot of a black screen

AI-generated content may be incorrect.

>>FG-BR

>Iou4



>iou6

A screenshot of a computer

AI-generated content may be incorrect.

Pc 10,11,12 taking ip(dhcp)

A computer screen with white text

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A computer screen shot of a black screen

AI-generated content may be incorrect.

>>>Test ping

Pc 10 ping devices on the same branch

A screenshot of a computer

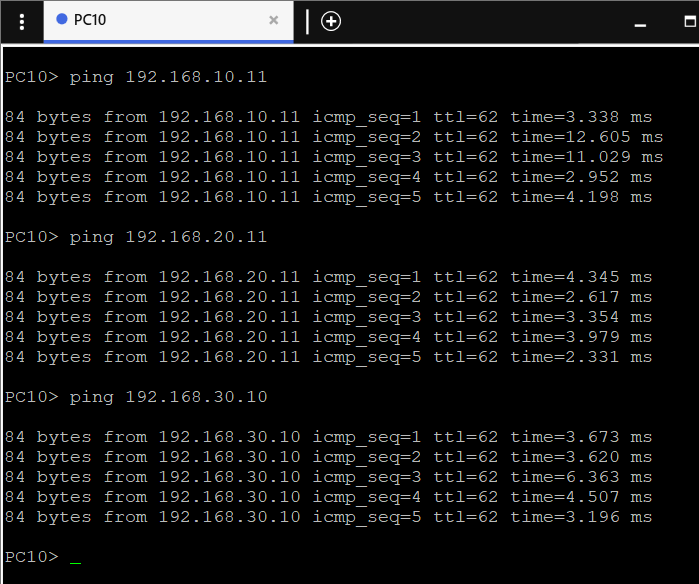
AI-generated content may be incorrect.

Pc8A screenshot of a computer program

AI-generated content may be incorrect.

>>ping from branch to branch

Pc10(192.168.40.11)



Pc12(192.168.60.11)

A screenshot of a computer program

AI-generated content may be incorrect.

Pc8(192.168.20.11)

A computer screen shot of a black screen

AI-generated content may be incorrect.