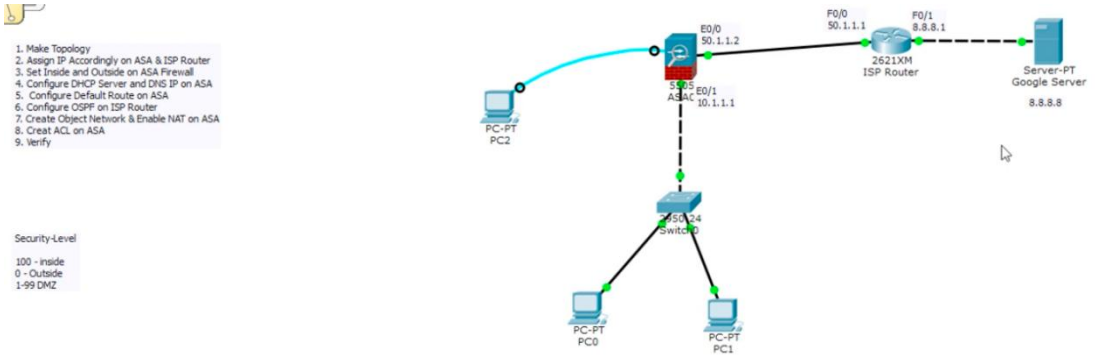

1. Remove existing information
sh running-config

```
telnet timeout 5
ssh timeout 5

dhcpd address 192.168.1.5-192.168.1.35 inside
dhcpd enable inside

dhcpd auto_config outside
```

Remove above
no <dhcpd address ----->

2. Configure Firewall
config t
int vlan 1
ip address 10.1.1.1 255.0.0.0
no shut
Nameif inside
security-level 100
exit
int e0/1
switchport access vlan 1
exit
int vlan 2
ip address 50.1.1.2 255.0.0.0
no shut
nameif outside
security-level 0
exit
int e0/0
switchport access vlan 2
exit

3. Configure Router

4. Configure Server (IP 8.8.8.8 & IP Gateway 8.8.8.1)
5. Configure 2 PC -> DHCP mode
6. @firewall
   config t
   dhcpd address 10.1.1.10-10.1.1.30 inside
   dhcpd dns 8.8.8.8 interface inside
7. check ip -> pc with dns
8. Default route in firewall

route outside 0.0.0.0 0.0.0.0 50.1.1.1

9. At Router

router ospf 1
net 50.0.0.0 0.255.255.255 area 0
net 0.0.0.0 0.255.255.255 area 0
@Firewall
object network LAN
subnet 10.0.0.0 255.0.0.0
nat (inside,outside) dynamic interface

10. Open PC1, PC2 -> ping -t 8.8.8.8 -> no reply -> dont close
11. @Firewall

Config t
access-list uti extended permit tcp any any
access-list uti extended permit icmp any any
access-group uti in interface outside

12. Both PC-> ping will get reply
13. @ Firewall

show xlate
show nat