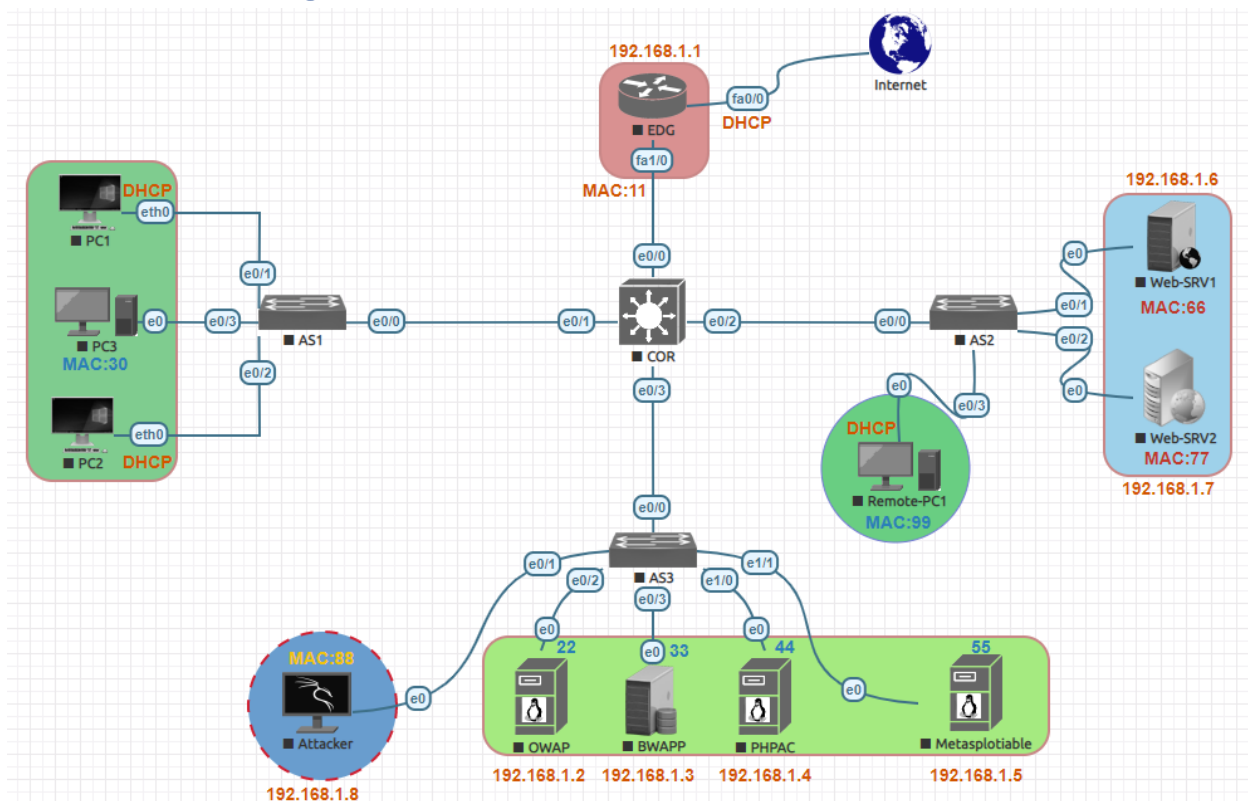## EDG Router Configuration:



| EDG Router Interfaces Configuration |
|---|
| Router>enable<br>Router#configure terminal<br>Router(config)#hostname EDG<br>EDG(config)#interface fastEthernet 1/0<br>EDG(config-if)#description Connected to LAN<br>EDG(config-if)#ip address 192.168.1.1 255.255.255.0<br>EDG(config-if)#mac-address aaaa.aaaa.aa11<br>EDG(config-if)#no shutdown<br>EDG(config-if)#exit |
| EDG(config)#interface f0/0<br>EDG(config-if)#ip address dhcp<br>EDG(config-if)#description Connected to WAN<br>EDG(config-if)#no shutdown<br>EDG(config-if)#exit |

| EDG Router NAT Configuration |
| --- |
| EDG(config)#no cdp run |
| EDG(config)#access-list 1 permit 192.168.1.0 0.0.0.255<br>EDG(config)#ip nat inside source list 1 interface fastEthernet 0/0 overload<br>EDG(config)#interface fastEthernet 0/0<br>EDG(config-if)#ip nat outside<br>EDG(config-if)#exit<br>EDG(config)#interface fastEthernet 1/0<br>EDG(config-if)#ip nat inside<br>EDG(config-if)#exit |

| EDG Router DHCP Configuration |
| --- |
| EDG(config)#ip dhcp excluded-address 192.168.1.1 192.168.1.10<br>EDG(config)#ip dhcp pool mypool<br>EDG(dhcp-config)#network 192.168.1.0 /24<br>EDG(dhcp-config)#default-router 192.168.1.1<br>EDG(dhcp-config)#dns-server 8.8.8.8 1.1.1.1<br>EDG(dhcp-config)#exit |