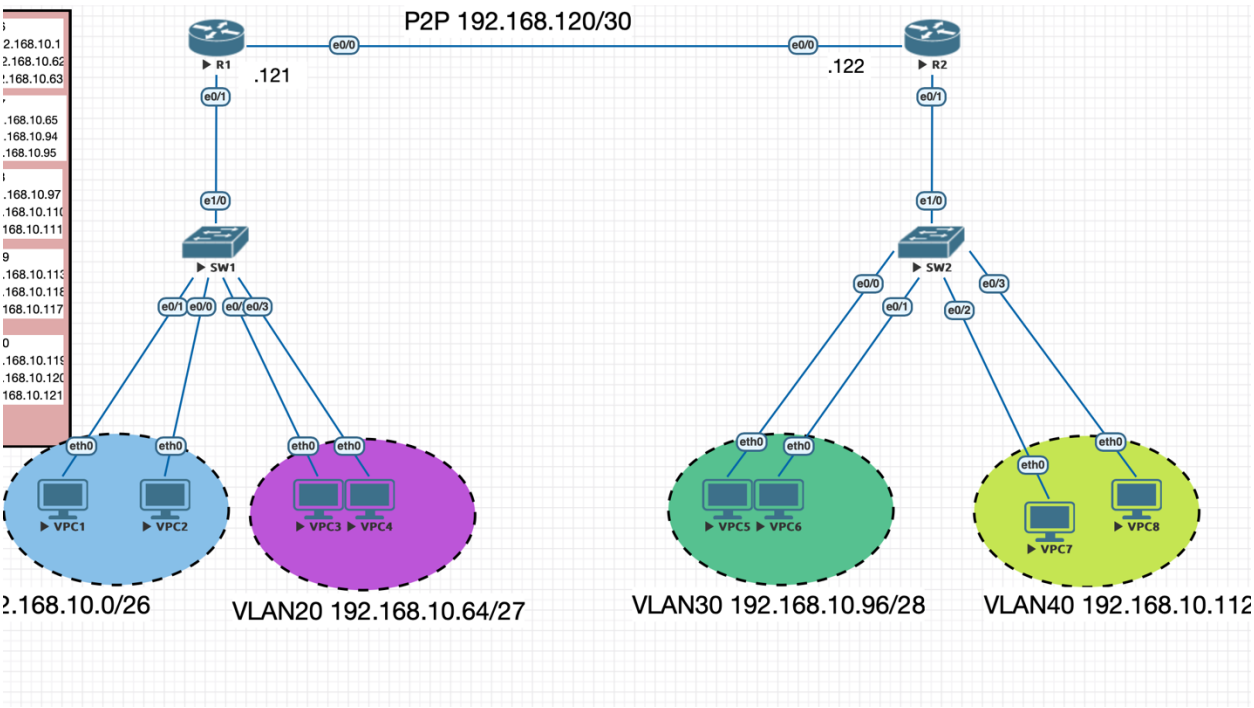

On Router1:
Router>enable
R1#configure terminal
R1 R1(config)#int e0/0
R1(config-if)#description Link to R2
R1(config-if)#no shut
R1(config-if)#ip addr 192.168.10.121 255.255.255.252
Verify IP address assignments:

R1#sh ip int br

On Router2:
R2>enable
R2#config t
R2 R2(config)#int e0/1
R2(config-if)#description Link to R1
R2(config-if)#no shut
R2(config-if)#ip addr 192.168.10.122 255.255.255.252
Verify IP address assignments:
R2#sh ip int br
Check if you can reach the R1.:
R2#ping 192.168.10.121
NB: !!!!! Exclamation mark means Success while ….. means unreachable

Static Route

On R1:
R1>enable
R1#conf t
R1(config)#ip route 192.168.10.96 255.255.255.240 192.168.10.122
R1(config)#ip route 192.168.10.112 255.255.255.248 192.168.10.122
On R2:
R2>enable R2#conf t
R2(config)#ip route 192.168.10.0 255.255.255.192 192.168.10.121
R2(config)#ip route 192.168.10.64 255.255.255.224 192.168.10.121
Verify:
R1#sh ip route
NB: You will see C for some networks which means it is a directly connected network while the other 2 will be S which means it is static route.
From PC VLAN10, go to command prompt and ping PC IN VLAN 30/40: