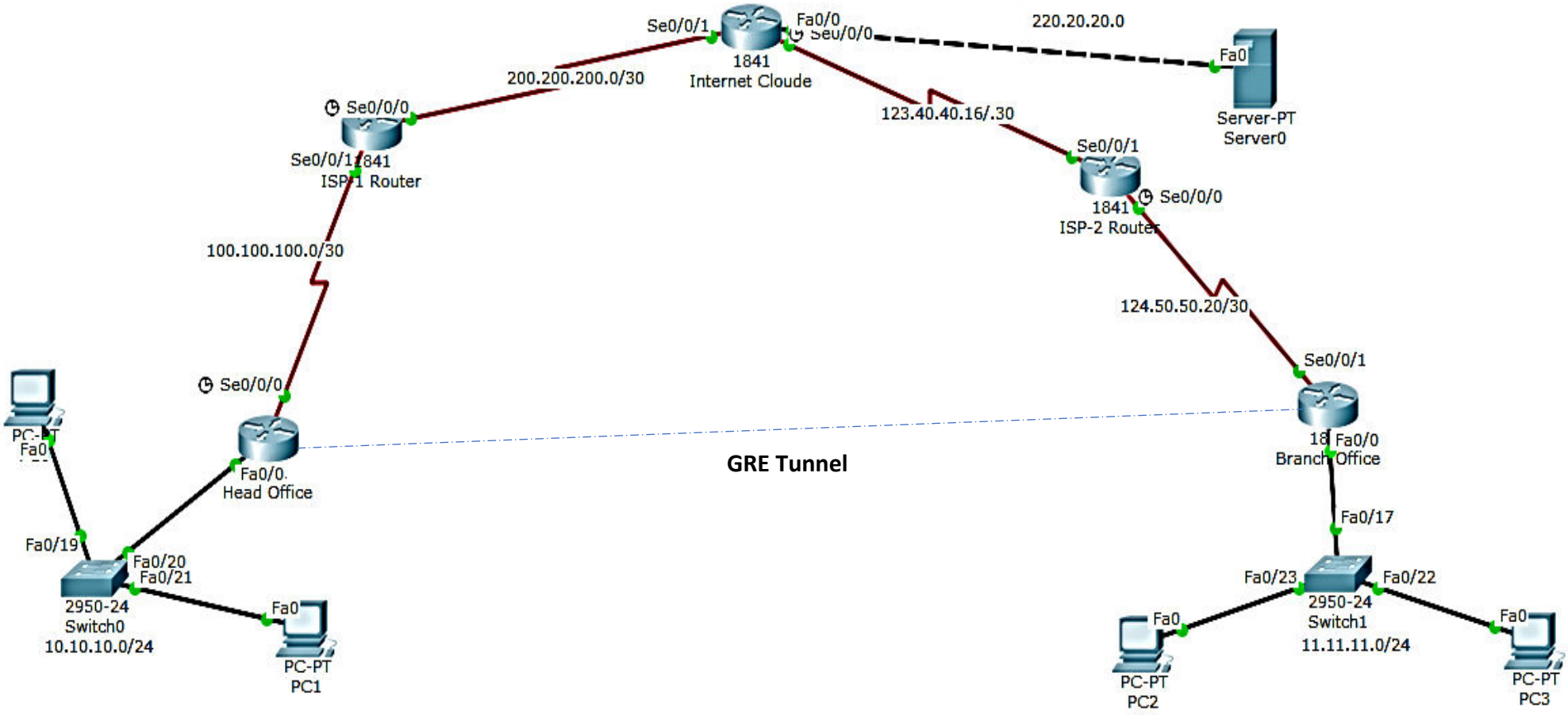
GRE Tunnel

(Generic Routing Encapsulation)



GRE Tunnel Configuration

Head Office:
(config-if)#router rip
network 10.10.10.0
(config-if)#router rip
network 100.100.100.0

ISP-1 Router:
(config-if)#router rip
network 100.100.100.0
(config-if)#router rip
network 200.200.200.0

Internet Cloud:
(config-if)#router rip
network 200.200.200.0
(config-if)#router rip
network 123.40.40.0

ISP-2 Router:
(config-if)#router rip
network 123.40.40.0
(config-if)#router rip
network 124.50.50.0

Branch Office:
(config-if)#router rip
network 124.50.50.0
(config-if)#router rip
network 11.11.11.0

Head Office:
#configure terminal
(config)#interface tunnel 100
ip address 172.16.0.1 255.255.255.252
(config-if)#tunnel source serial 0/0/0
(config-if)#tunnel destination 124.50.50.22

Branch Office:
#configure terminal
(config)#interface tunnel 200
ip address 172.16.0.2 255.255.255.252
(config-if)#tunnel source serial 0/0/1
(config-if)#tunnel destination 100.100.100.1

Static Route Between GRE Tunnel:

Head Office:
(config)#ip route 11.11.11.0 255.255.255.0 172.16.0.2

Brance Office:
(config)#ip route 10.10.10.0 255.255.255.0 172.16.0.1