Router>enable

Router#erase startup-config

Router#reload

Router>enable

Router#conf t

Router(config)#hostname SECS

SECS(config)#no ip domain-lookup

SECS(config)#enable secret class

SECS(config)#banner motd & BYE BYE &

SECS(config)#line console 0

SECS(Config-line)#password cisco

SECS(config-line)#login

SECS(config-line)#exit

SECS(config)#line vty 0 4

SECS(config-line)#password cisco

SECS(config-line)#login

SECS(config-line)#exit

SECS(config)#exit

SECS#copy running-config startup-config

SECS>En

SECS#Conf t

SECS(config)#interface fa1/0.10

SECS(config-subif)#encapsulation dot1q 10

SECS(confif-subif)#ip address 192.168.4.1 255.255.255.0

SECS(config-subif)#exit

SECS(config)#interface fa1/0.20

SECS(config-subif)#encapsulation dot1q 20

SECS(confif-subif)#ip address 192.168.0.1 255.255.252.0

SECS(config-subif)#exit

SECS(config)#interface fa1/0.30

SECS(config-subif)#encapsulation dot1q 30

SECS(confif-subif)#ip address 192.168.7.41 255.255.255.248

SECS(config-subif)#exit

SECS(config)#interface fa1/0.99

SECS(config-subif)#encapsulation dot1q 99 native

SECS(confif-subif)#ip address 192.168.7.53 255.255.255.252

SECS(config-subif)#exit

SECS(config)#interface fa1/0

SECS(Config-if)#no shutdown

SECS(config-if)#exit

SECS(config)#exit

SECS#copy running-config startup-config

SECS>en

SECS#conf t

SECS(config)#interface fa0/0

SECS(config-if)#ip address 192.168.7.37 255.255.255.248

SECS(config-if)#no shutdown

SECS(config-if)#exit

SECS(config)#interface se2/0

SECS(config-if)#ip address 192.168.7.49 255.255.255.252

SECS(config-if)#no shutdown

SECS(config-if)#exit

SECS(config)#exit

SECS#copy running-config startup-config

SECS>en

SECS#conf t

SECS(config)#ip dhcp excluded-address 192.168.4.1

SECS(config)#ip dhcp excluded-address 192.168.0.1

SECS(config)#ip dhcp pool facultyPool

SECS(dhcp-config)#network 192.168.0.0 255.255.252.0

SECS(dhcp-config)#default-router 192.168.0.1

SECS(dhcp-config)#exit

SECS(config)#ip dhcp pool originalFacultyPool

SECS(dhcp-config)#network 192.168.4.0 255.255.255.0

SECS(dhcp-config)#default-router 192.168.4.1

SECS(dhcp-config)#exit

SECS(config)#exit

SECS#copy running-config startup-config

SECS>en

SECS#conf t

SECS(config)#router rip

SECS(config-router)#version 2

SECS(config-router)#network 192.168.0.0

SECS(config-router)#network 192.168.4.0

SECS(config-router)#network 192.168.7.40

SECS(config-router)#network 192.168.7.52

SECS(config-router)#network 192.168.7.48

SECS(config-router)#network 192.168.7.32

SECS(config-router)#no auto-summary

SECS(config-router)#passive-interface fa1/0

SECS(config-router)#exit

SECS(config)#exit

SECS#copy running-config startup-config

SECS#conf t

SECS(config)#ip route 0.0.0.0 0.0.0.0 se2/0

SECS(config)#ip route 0.0.0.0 0.0.0.0 fa0/0 5

SECS(config)#access-list 120 deny ip 192.168.0.0 0.0.3.255 192.168.7.42 0.0.0.0

SECS(config)#access-list 120 permit ip any any

SECS(config)#interface fa1/0.20

SECS(config-subif)#ip access-group 120 in

SECS(config-subif)#exit

SECS(config)#exit

SECS#copy running-config startup-config