**Access Control List- Standard List**

**Router R0**

Press RETURN to get started!

Router>enable

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface FastEthernet0/0

Router(config-if)#ip address 192.168.10.1 255.255.255.0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#ip address 192.168.20.1 255.255.255.0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up

Router(config-if)#exit

Router(config)#interface Serial0/0/0

Router(config-if)#ip address 192.168.40.1 255.255.255.0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

Router(config)#router rip

Router(config-router)#

Router(config-router)#exit

**Router(config)#router rip**

**Router(config-router)#network 192.168.10.0**

**Router(config-router)#network 192.168.20.0**

**Router(config-router)#network 192.168.30.0**

Router(config-router)#

**Router R1**

Router>enable

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface Serial0/0/0

Router(config-if)#ip address 192.168.40.2 255.255.255.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial0/0/0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/0

Router(config-if)#no shutdown

Router(config-if)#

%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

**Router(config)#router rip**

**Router(config-router)#network 192.168.40.0**

**Router(config-router)#network 192.168.30.0**

**Router(config-router)#**

Router#

**Router#config t**

**Enter configuration commands, one per line. End with CNTL/Z.**

**Router(config)#access-list 1 deny 192.168.10.2 0.0.0.255**

**Router(config)#access-list 1 permit 192.168.20.2 0.0.0.255**

**Router(config)#interface fastethernet0/0**

**Router(config-if)#ip access-group 1 out**

**Router(config-if)#exit**

**Router(config)#end**

**Router#**

**%SYS-5-CONFIG\_I: Configured from console by console**

**Router#sh access-lists 1**

**Standard IP access list 1**

**deny 192.168.10.0 0.0.0.255**

**permit 192.168.20.0 0.0.0.255**

