**VPN Configuration**

DEFAULT ROUTING CONFIGURATION

ON ROUTER R1:

r1>enable

r1#config t

Enter configuration commands, one per line.

r1(config)#ip route 0.0.0.0 0.0.0.0 1.0.0.2

r1(config)#

DEFAULT ROUTING CONFIGURATION ON ROUTER r3:

r3>enable

r3#config t

Enter configuration commands, one per line.

r3(config)#ip route 0.0.0.0 0.0.0.0 2.0.0.1

r3(config)#

 router r1 ping

r1#ping 2.0.0.2

 router r3 ping

r3#ping 1.0.0.1

FIRST CREATE A VPN TUNNEL ON

ROUTER R3:

r1#config t

r1(config)#interface tunnel 10

r1(config-if)#ip address 172.16.1.1 255.255.0.0

r1(config-if)#tunnel source fa0/1

r1(config-if)#tunnel destination 2.0.0.2

r1(config-if)#no shut

NOW CREATE A VPN TUNNEL ON

ROUTER R3:

r3#config t

r3(config)#interface tunnel 100

r3(config-if)#ip address 172.16.1.2 255.255.0.0

r3(config-if)#tunnel source fa0/0

r3(config-if)#tunnel destination 1.0.0.1

Do routing for created VPN Tunnel on Both Router R and R3:

r1(config)#ip route 192.168.2.0 255.255.255.0 172.16.1.2

r3(config)#ip route 192.168.1.0 255.255.255.0 172.16.1.1

Router R3 and test VPN Tunnel Creation:

r3#show interface Tunnel 100