**Configuration of Router R1**

Router#en

Router#erase startup-config

Router>en

Router#configure terminal

Router(config)#hostname R1

R1(config)#no ip domain-lookup

R1(config)#enable secret class

R1(config)#banner motd &

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

!!!AUTHORIZED ACCESS ONLY!!!

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&

R1(config)#line console 0

R1(config-line)#password cisco

R1(config-line)#login

R1(config-line)#exit

R1(config)#line vty 0 4

R1(config-line)#password cisco

R1(config-line)#login

R1(config-line)#exit

R1(config)#interface fastethernet 0/0

R1(config-if)#ip address 192.168.1.1 255.255.255.0

R1(config-if)#no shutdown

R1(config-if)#interface serial 0/0/0

R1(config-if)#ip address 192.168.2.1 255.255.255.0

R1(config-if)#clock rate 64000

R1(config-if)#no shutdown

R1(config-if)#end

R1#copy running-config startup-config

**Configuration of Router R2**

Router>en

Router#erase startup-config

Router>en

Router#configure terminal

Router(config)#hostname R2

R2(config)#no ip domain-lookup

R2(config)#enable secret class

R2(config)#banner motd &

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

!!!AUTHORIZED ACCESS ONLY!!!

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&

R2(config)#line console 0

R2(config-line)#password cisco

R2(config-line)#login

R2(config-line)#exit

R2(config)#line vty 0 4

R2(config-line)#password cisco

R2(config-line)#login

R2(config-line)#exit

R2(config)#interface serial 0/0/0

R2(config-if)#ip address 192.168.2.2 255.255.255.0

R2(config-if)#no shutdown

R2(config-if)#interface fastethernet 0/0

R2(config-if)#ip address 192.168.3.1 255.255.255.0

R2(config-if)#no shutdown

R2(config-if)#end

R2#copy running-config startup-config

**Verification and Testing the Configurations**

R1#show ip route

R1#show ip interface brief

R2#show ip route

R2#show ip interface brief