#Router-1 Configuration

enable

erase startup-config

reload

enable

configure terminal

hostname R1

no ip domain-lookup

enable secret class

banner motd &

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!!!AUTHORIZED ACCESS ONLY!!!

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&

line console 0

password cisco

login

exit

line vty 0 4

password cisco

login

exit

interface fastethernet0/0

ip address 192.168.1.1 255.255.255.0

no shutdown

exit

interface serial0/0/0

ip address 192.168.2.1 255.255.255.0

clock rate 64000

no shutdown

exit

end

copy running-config startup-config

#Router-1 Configuration

enable

erase startup-config

reload

enable

configure terminal

hostname R2

no ip domain-lookup

enable secret class

banner motd &

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!!!AUTHORIZED ACCESS ONLY!!!

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&

line console 0

password cisco

login

exit

line vty 0 4

password cisco

login

exit

interface serial0/0/0

ip address 192.168.2.2 255.255.255.0

no shutdown

exit

interface fastethernet0/0

ip address 192.168.3.1 255.255.255.0

no shutdown

exit

end

copy running-config startup-config

Verify and Tests

R1: show ip route

R2: show ip route

R1: show ip interface brief

R2: show ip interface brief

From R1: ping 192.168.2.2

From R2: ping 192.168.2.1

From PC1 to PC2: ping 192.168.3.10

From PC1 to R2: ping 192.168.3.1

From PC2 to R1: ping 192.168.1.1