Router0

Router#show run

Building configuration...

Current configuration : 938 bytes

!

version 12.2

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname Router

!

!

!

!

!

!

!

!

ip cef

no ipv6 cef

!

!

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!

!

!

interface FastEthernet0/0

ip address 192.168.1.1 255.255.255.0

duplex auto

speed auto

!

interface FastEthernet1/0

no ip address

duplex auto

speed auto

shutdown

!

interface Serial2/0

no ip address

clock rate 2000000

shutdown

!

interface Serial3/0

no ip address

clock rate 2000000

shutdown

!

interface FastEthernet4/0

ip address 172.17.0.1 255.255.0.0

!

interface FastEthernet5/0

ip address 172.16.0.1 255.255.0.0

!

ip classless

ip route 192.168.3.0 255.255.255.0 FastEthernet5/0

ip route 192.168.2.0 255.255.255.0 FastEthernet4/0

ip route 0.0.0.0 0.0.0.0 172.17.0.2

ip route 0.0.0.0 0.0.0.0 172.16.0.2 5

!

ip flow-export version 9

!

!

!

!

!

!

!

!

line con 0

!

line aux 0

!

line vty 0 4

login

!

!

!

end

Router0

#sh ip ro

C 172.16.0.0/16 is directly connected, FastEthernet5/0

C 172.17.0.0/16 is directly connected, FastEthernet4/0

C 192.168.1.0/24 is directly connected, FastEthernet0/0

S 192.168.2.0/24 is directly connected, FastEthernet4/0

S 192.168.3.0/24 is directly connected, FastEthernet5/0

S\* 0.0.0.0/0 [1/0] via 172.17.0.2