|  |
| --- |
| Router R1 configuration: |
| Router>enable  Router#conf t  Router(config)#hostname R1  R1(config)#interface fastEthernet 0/0  R1(config-if)#ip address 192.168.10.100 255.255.255.0  R1(config-if)#no shutdown  R1(config-if)#exit  R1(config)#interface fastEthernet 0/1  R1(config-if)#ip address 112.1.1.1 255.255.255.252  R1(config-if)#no shut  R1(config-if)#^Z  R1#wr  Building configuration...  [OK] |

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| --- |
| Router R2 config: |
| Router>en  Router#conf t  Router(config)#hostname R2  R2(config)#interface fa0/1  R2(config-if)#ip add 112.1.1.2 255.255.255.252  R2(config-if)#no shut  R2(config-if)#exit  R2(config)#interface fa0/0  R2(config-if)#ip add 192.168.20.100 255.255.255.0  R2(config-if)#no shut  R2(config-if)#exit  R2(config)#int fa1/0  R2(config-if)#ip add 113.1.1.1 255.255.255.252  R2(config-if)#no shut  R2(config-if)#exit  R2(config)#^Z  R2#wr  Building configuration...  [OK]  R2#  %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up |

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| --- |
| Router R3 config: |
| Router>en  Router#conf t  Router(config)#hostname R3  R3(config)#int fa0/1  R3(config-if)#ip add 113.1.1.2 255.255.255.252  R3(config-if)#no shut  R3(config-if)#exit  R3(config)#int fa0/0  R3(config-if)#ip add 192.168.30.100 255.255.255.0  R3(config-if)#no shut  R3(config-if)#^Z  R3#wr  Building configuration...  [OK]  R3# |

To config static routing for Router R1:

|  |
| --- |
| R1#conf t  Enter configuration commands, one per line. End with CNTL/Z.  R1(config)#ip route 192.168.20.0 255.255.255.0 112.1.1.2  R1(config)#ip route 192.168.30.0 255.255.255.0 112.1.1.2  R1(config)#ip route 113.1.1.0 255.255.255.252 112.1.1.2  R1(config)#^Z  R1#  %SYS-5-CONFIG\_I: Configured from console by console  R1#wr  Building configuration...  [OK]  R1# |

To config static routing for Router R2:

|  |
| --- |
| R2#conf t  Enter configuration commands, one per line. End with CNTL/Z.  R2(config)#  R2(config)#ip route 192.168.10.0 255.255.255.0 112.1.1.1  R2(config)#ip route 192.168.30.0 255.255.255.0 113.1.1.2  R2(config)#^Z  R2#  %SYS-5-CONFIG\_I: Configured from console by console  R2#wr  Building configuration...  [OK]  R2# |

To config static routing for Router R3:

|  |
| --- |
| R3>  R3>en  R3#conf t  Enter configuration commands, one per line. End with CNTL/Z.  R3(config)#ip route 192.168.10.0 255.255.255.0 113.1.1.1  R3(config)#ip route 192.168.20.0 255.255.255.0 113.1.1.1  R3(config)#ip route 112.1.1.0 255.255.255.252 113.1.1.1  R3(config)#^Z  R3#  %SYS-5-CONFIG\_I: Configured from console by console  R3#wr  Building configuration...  [OK]  R3# |