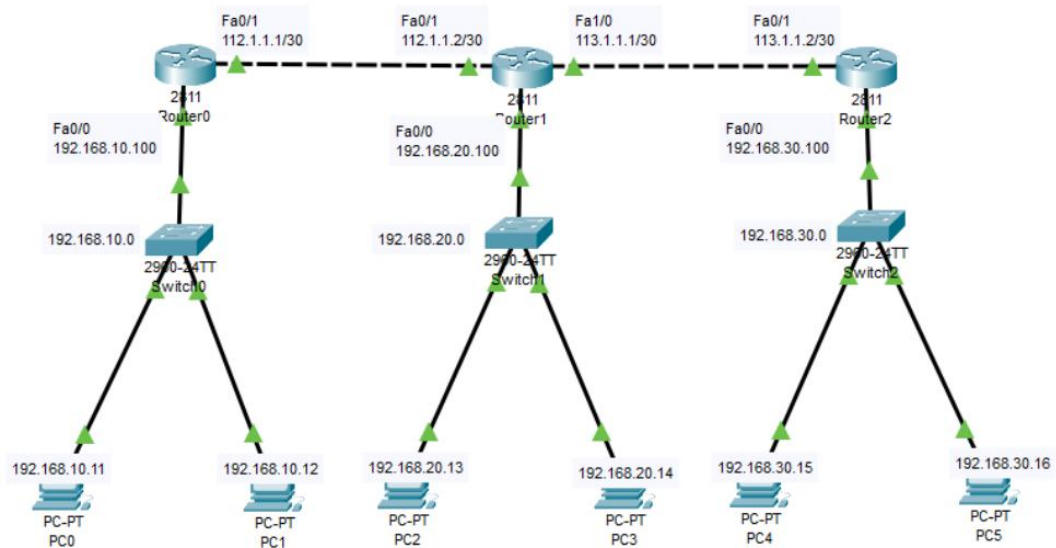


### 3 Router Static Configuration



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]
```

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
```

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#
```

