

## Router1 Subnets:

- **Subnet 1** (Switch1, PCs 1-5):
  - IP Range: `192.168.1.1 - 192.168.1.6`
  - **Router1 interface connected to Switch1:** `192.168.1.6`
  - **Default Gateway** for PCs in Subnet 1: **192.168.1.6**
- **Subnet 2** (Switch2, PCs 6-10):
  - IP Range: `192.168.1.9 - 192.168.1.14`
  - **Router1 interface connected to Switch2:** `192.168.1.14`
  - **Default Gateway** for PCs in Subnet 2: **192.168.1.14**

## Router2 Subnets:

- **Subnet 3** (Switch3, PCs 11-15):
  - IP Range: `192.168.1.17 - 192.168.1.22`
  - **Router2 interface connected to Switch3:** `192.168.1.22`
  - **Default Gateway** for PCs in Subnet 3: **192.168.1.22**
- **Subnet 4** (Switch4, PCs 16-20):
  - IP Range: `192.168.1.25 - 192.168.1.30`
  - **Router2 interface connected to Switch4:** `192.168.1.30`
  - **Default Gateway** for PCs in Subnet 4: **192.168.1.30**

## Router 1:

FastEthernet0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	000B.BEE5.B801
IP Configuration	
IPv4 Address	192.168.1.6
Subnet Mask	255.255.255.248
Tx Ring Limit	10

FastEthernet0/1	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	000B.BEE5.B802
<div>IP Configuration</div> <div>IPv4 Address</div> <div>Subnet Mask</div>	
	192.168.1.14
	255.255.255.248
Tx Ring Limit	10

Serial0/0/0	
Port Status	<input checked="" type="checkbox"/> On
Duplex	<input checked="" type="radio"/> Full Duplex
Clock Rate	64000
<div>IP Configuration</div> <div>IPv4 Address</div> <div>Subnet Mask</div>	
	192.168.2.1
	255.255.255.252
Tx Ring Limit	10

Network Address
192.168.1.16/29 via 192.168.2.2
192.168.1.24/29 via 192.168.2.2

## Router 2:

FastEthernet0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0090.2B7C.6E01
<div>IP Configuration</div> <div>IPv4 Address</div> <div>Subnet Mask</div>	
	192.168.1.22
	255.255.255.248
Tx Ring Limit	10

FastEthernet0/1	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0090.2B7C.6E02
IP Configuration	
IPv4 Address	192.168.1.30
Subnet Mask	255.255.255.248
Tx Ring Limit	10

Serial0/0/0	
Port Status	<input checked="" type="checkbox"/> On
Duplex	<input checked="" type="radio"/> Full Duplex
Clock Rate	2000000
IP Configuration	
IPv4 Address	192.168.2.2
Subnet Mask	255.255.255.252
Tx Ring Limit	10

Network Address
192.168.1.0/29 via 192.168.2.1
192.168.1.8/29 via 192.168.2.1