



## Parallel 3 Router static Network Topology Configuration

### 1. \*\*Pune Branch\*\*

- Devices: Printer0, PC7, PC6
- Switch: 2960-24TT Switch3
- Router: 1841 Router0
- Network: 192.10.2.0/24
- Default Gateway: 192.10.2.5

### 2. \*\*Mumbai Branch\*\*

- Devices: PC1, PC2, Laptop0, Laptop1
- Switch: 2960-24TT Switch1
- Router: 1841 Router0
- Network: 192.10.1.0/24
- Default Gateway: 192.10.1.5

### 3. \*\*Nagpur Branch\*\*

- Devices: Laptop0, PC2, PC3
- Switch: 2960-24TT Switch1
- Router: 1841 Router1
- Network: 192.10.3.0/24
- Default Gateway: 192.10.3.5

### 4. \*\*Delhi Branch\*\*

- Devices: PC4, Laptop2, Printer1
- Switch: 2960-24TT Switch4
- Router: 1841 Router3
- Network: 192.10.4.0/24
- Default Gateway: 192.10.4.5

### 5. \*\*Central Router\*\*

- Router: 1841 Router2
- Interfaces: 192.10.5.2, 192.10.6.1

## ## Configuration Commands

The following static routing commands are used to configure the routers in the network:

### Router 1

**ip route destination net add +SM + next hope add**

```
Router(config)#ip route 192.10.3.0 255.255.255.0 192.10.5.2
Router(config)#ip route 192.10.4.0 255.255.255.0 192.10.5.2
Router(config)#ip route 192.10.6.0 255.255.255.0 192.10.5.2
```

### Router 2

**ip route destination net add +SM + next hope add**

```
Router(config)#ip route 192.10.1.0 255.255.255.0 192.10.5.1
Router(config)#ip route 192.10.2.0 255.255.255.0 192.10.5.1
Router(config)#ip route 192.10.3.0 255.255.255.0 192.10.6.2
Router(config)#ip route 192.10.4.0 255.255.255.0 192.10.6.2
```

### Router 2

**ip route destination net add +SM + next hope add**

```
Router(config)#ip route 192.10.3.0 255.255.255.0 192.10.5.2
Router(config)#ip route 192.10.4.0 255.255.255.0 192.10.5.2
Router(config)#ip route 192.10.6.0 255.255.255.0 192.10.5.2
```