

# 2Router static configuration

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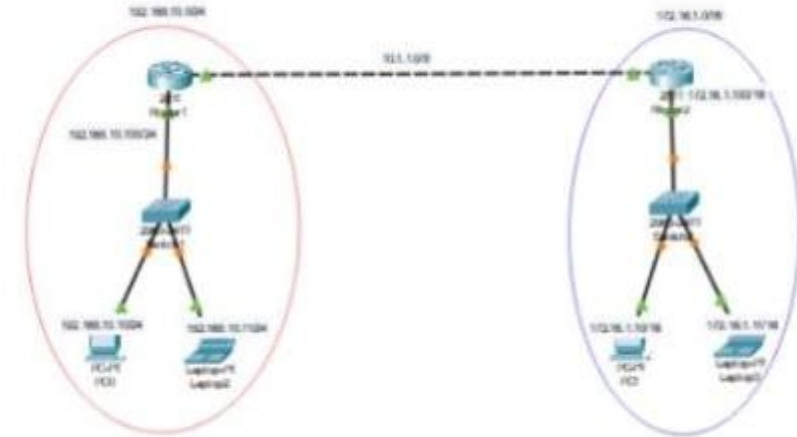
Steps to Configure and Setup static configuration in Cisco Packet Tracer :

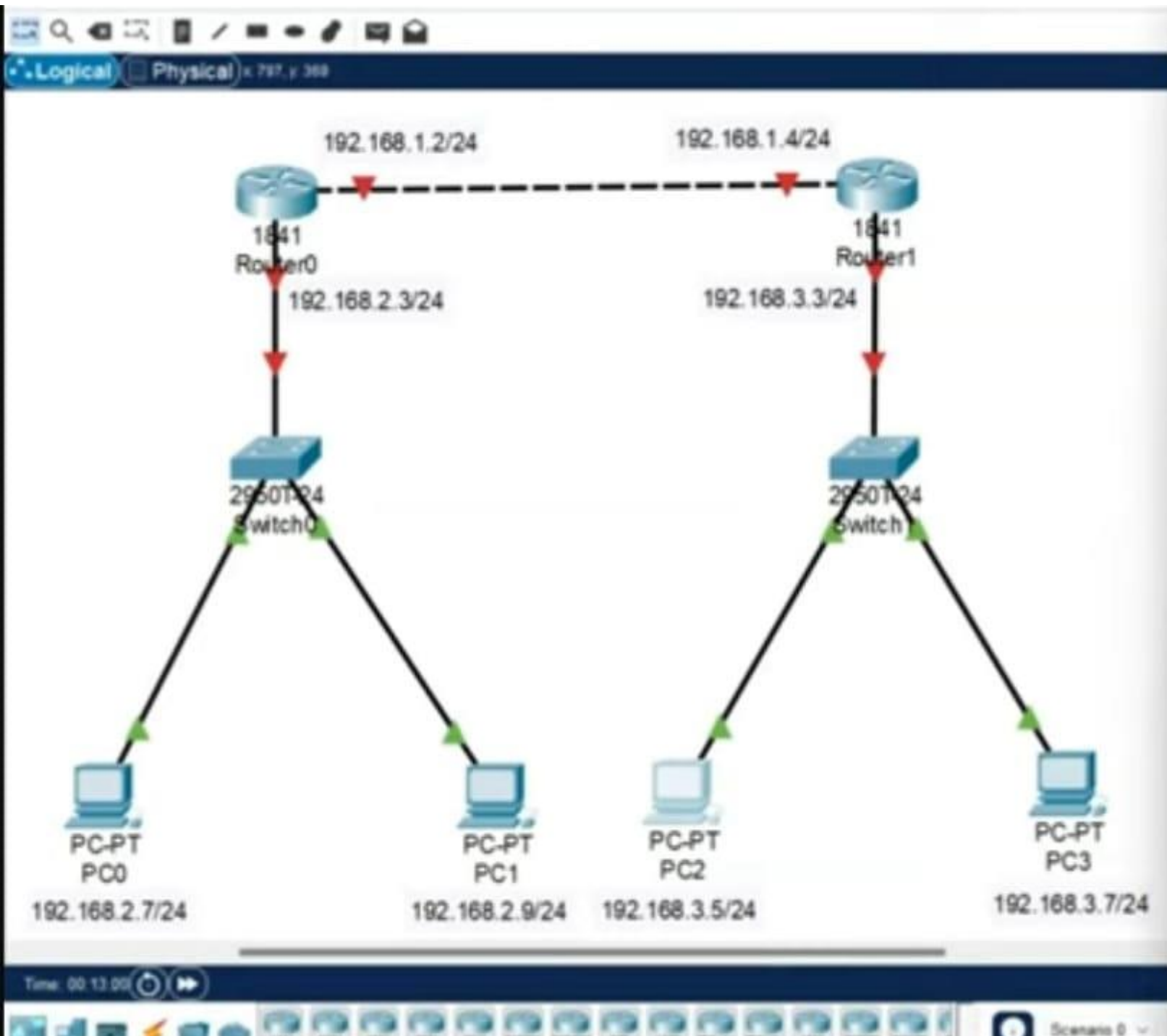
Step 1: First, open the cisco packet tracer desktop and select the devices.

Step2-Add 4pc , 2routerAND 2 SWITCHES .

Step3-Add automatically wire to pc to switch and router.

Step4-Add their ip address on pc .click on pc go to ipconfig and enter ip address and subnetmask





PC2

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.3.1

Subnet Mask

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address

Link Local Address FE80::2E0:F9FF:FEE3:AAC1

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

Username

Password

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.3.5

Pinging 192.168.3.5 with 32 bytes of data:

Request timed out.
Reply from 192.168.3.5: bytes=32 time<1ms TTL=126
Reply from 192.168.3.5: bytes=32 time<1ms TTL=126
Reply from 192.168.3.5: bytes=32 time<1ms TTL=126

Ping statistics for 192.168.3.5:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>pin
```

- Go to command types ping (ipaddress
- Now we have to go to switches cli and type commands.

### 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]

- After completing the configuration part then go to ping the pc to router or pc.

Cisco Packet Tracer - C:\Users\Administrator\Downloads\2 router static routing.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1836, y: 586

Root 01:04:00

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.006	PC1
	0.007	Laptop3
	0.007	Switch2

Reset Simulation ☒ Constant Delay Captured to: 0.007 s

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPv2, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:01:33.783 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	In Progress	PC0	PC1	ICMP		0.000	N	0	(edit)
	In Progress	Laptop2	Laptop3	ICMP		0.000	N	1	(edit)

(Select a Device to Drag and Drop to the Workspace)

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