

Name :- Kavita Kandpal

Course :- MCA 2C

Student id :- 20712060

Roll No :- 2098008

Haldwani Campus

Q ①

Problem — Create a wired LAN in packet tracer.

Objective :- To understand How to create a wired LAN using switch in packet tracer.

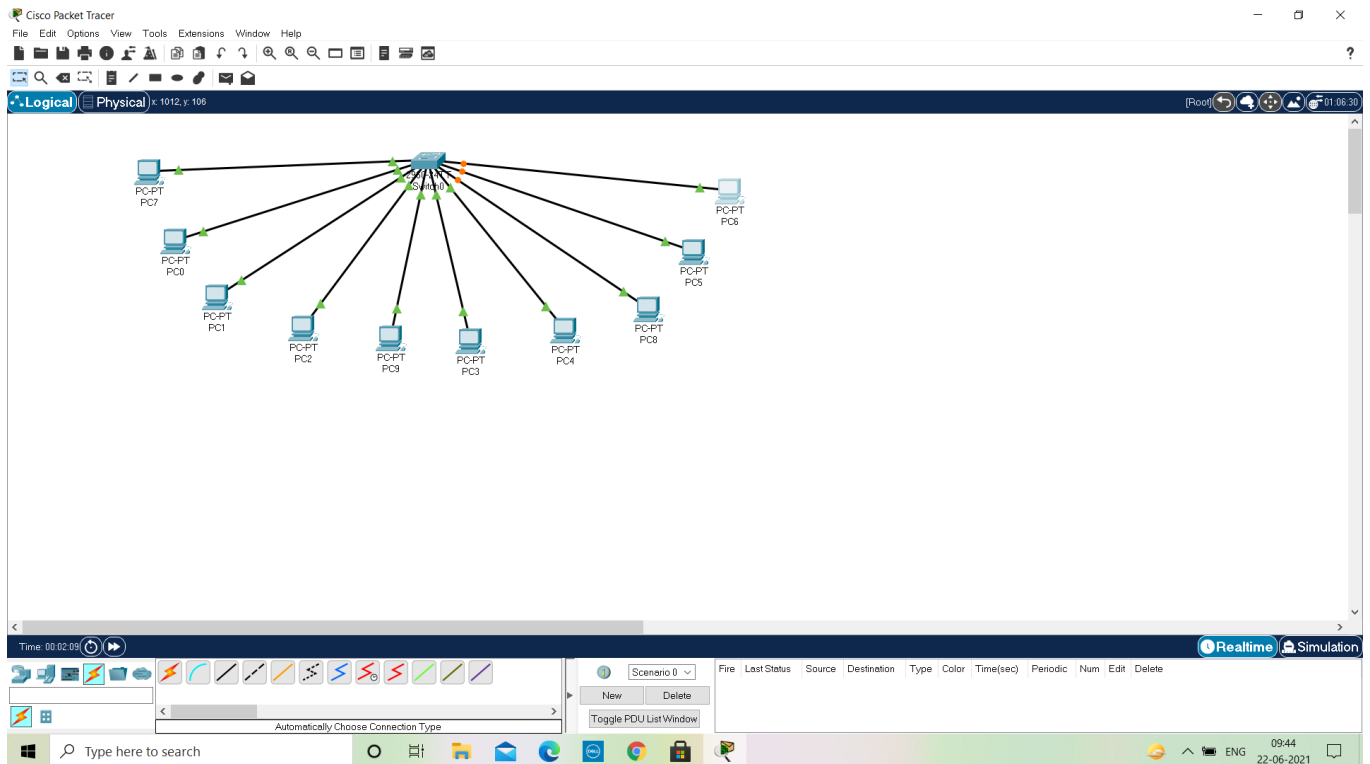
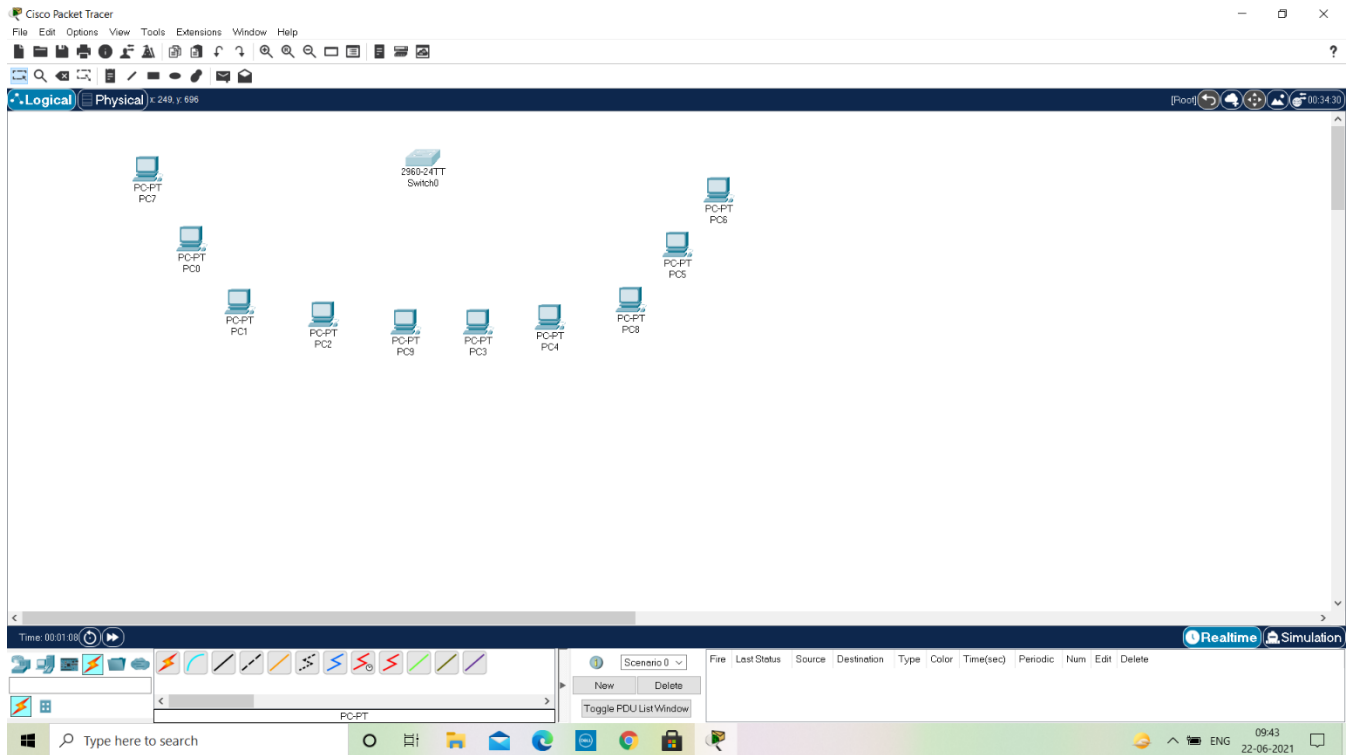
Description — step for practical →

Step 1 - ① ~~connect~~ take a switch and 10 PC (as users).

② The all PC connected to switch with the help of wire.

③ get the IP address of to all PC and to check the connect with Ping command.

④ And <sup>set</sup> Connection between the switch ~~as~~ and the 10 PC.



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 912, y 712 [Root] 22-23:30

PC Configuration

Interface: FastEthernet0

IP Configuration

- ☐ DHCP
- ☒ Static
  - IPv4 Address: 192.168.1.5
  - Subnet Mask:
  - Default Gateway: 0.0.0.0
  - DNS Server: 0.0.0.0

IPv6 Configuration

- ☐ Automatic
- ☒ Static
  - IPv6 Address:
  - Link Local Address: FE80:260:47FF:FE53:1334
  - Default Gateway:
  - DNS Server:

802.1X

- ☐ Use 802.1X Security
- Authentication: MD5
  - Username:
  - Password:

Top

Time: 00:04:38

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Automatically Choose Connection Type

Type here to search

ENG 09:47 22-06-2021

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x 1835, y 711 [Root] 23:30

Time: 00:06:57

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Automatically Choose Connection Type

Type here to search

ENG 09:49 22-06-2021

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical (Physical) x 1893, y 451

PC7 PC0 PC1 PC2 PC3 PC4 PC5 PC6 PC8 PC9

PC7

Physical Config Desktop Programming Attributes

Command Prompt

```

Packet Tracer PC Command Line 1.0
C:\>ipconfig
Packet Tracer PC Ping
Usage: ping [-n count] [-v TOS] [-t] target
C:\>ping 192.168.1.5

Pinging 192.168.1.5 with 32 bytes of data:
Reply from 192.168.1.5: bytes=32 time=4ms TTL=128
Reply from 192.168.1.5: bytes=32 time=4ms TTL=128
Reply from 192.168.1.5: bytes=32 time=4ms TTL=128
Reply from 192.168.1.5: bytes=32 time=4ms TTL=128

Ping statistics for 192.168.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 4ms, Maximum = 4ms, Average = 4ms
C:\>

```

Time: 00:10:19:424 PLAY CONTROLS

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Windows taskbar: Type here to search, 09:54, 22-06-2021

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical (Physical) x 99, y 525

PC7 PC0 PC1 PC2 PC3 PC4 PC5 PC6 PC8 PC9

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device
	2.001	Switch0	PC4
	3.998	Switch0	PC4
	3.999	Switch0	PC3
	3.999	Switch0	PC6
	3.999	Switch0	PC5
	3.999	Switch0	PC8
	3.999	Switch0	PC7
	3.999	Switch0	PC2
	3.999	Switch0	PC1
	3.999	Switch0	PC0
	3.999	Switch0	PC4
	5.593	Switch0	PC4

Reset Simulation ☒ Constant Delay Captured to: 5.593 s

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, iST, iST-TCP, LACP, LLDP, MVR, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:11:30:747 PLAY CONTROLS

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Successful PC7 PC9 ICMP 0.000 N 0 (edit)

Windows taskbar: Type here to search, 09:58, 22-06-2021

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1289, y: 712

Simulation Panel

Event List

Vis	Time(sec)	Last Device	At Device
	31.993	Switch0	PC2
	31.991	-	Switch0
	31.992	Switch0	PC3
	31.992	Switch0	PC6
	31.992	Switch0	PC5
	31.992	Switch0	PC8
	31.992	Switch0	PC9
	31.992	Switch0	PC7
	31.992	Switch0	PC1
	31.992	Switch0	PC8
	31.992	Switch0	PC4

Reset Simulation ☒ Constant Delay Captured to: 33.990 s

Play Controls

Event List Filters - Visible Events

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

Time: 00:11:59:144 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

Automatically Choose Connection Type

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC7	PC8	ICMP		0.000	N	0	(edit)	(delete)

Type here to search

1003 22-06-2021