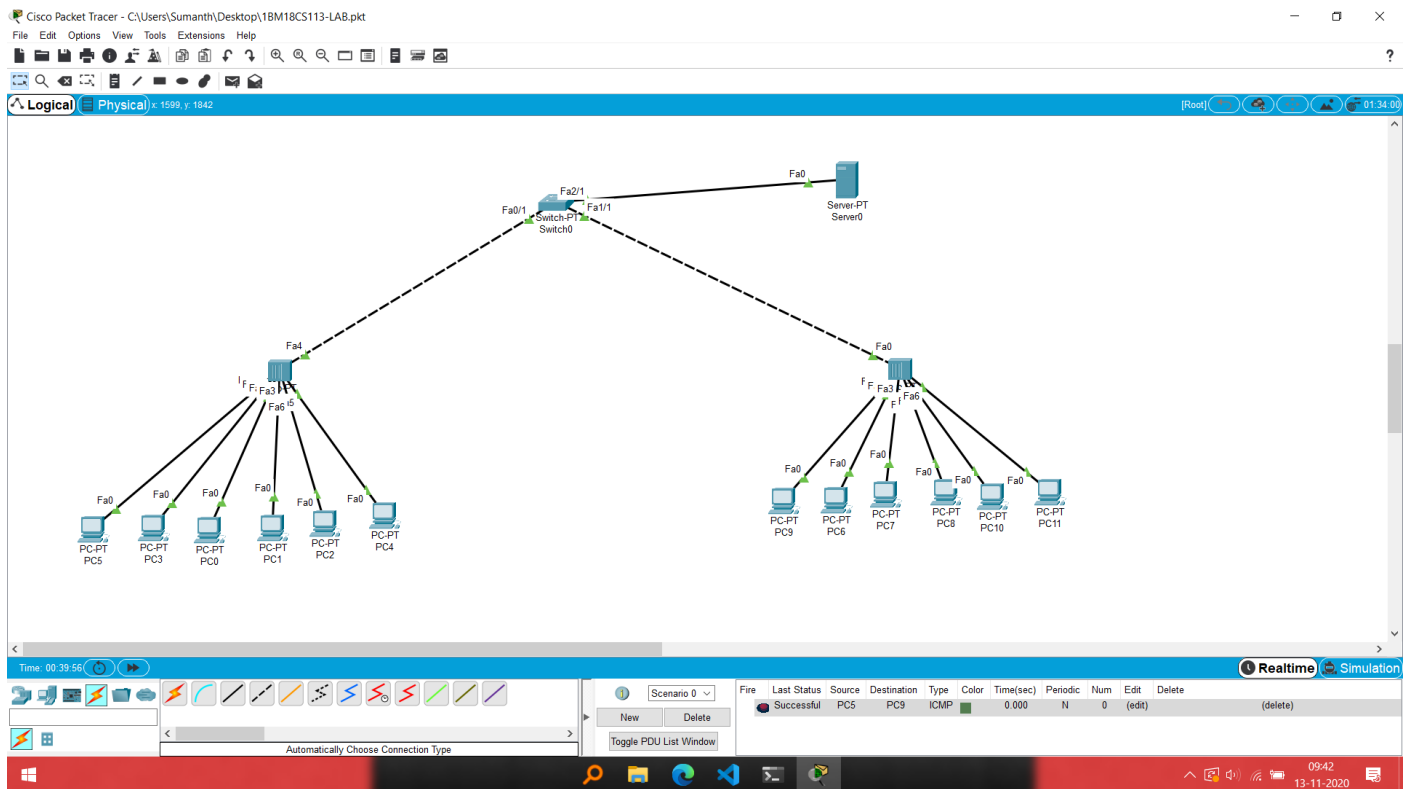
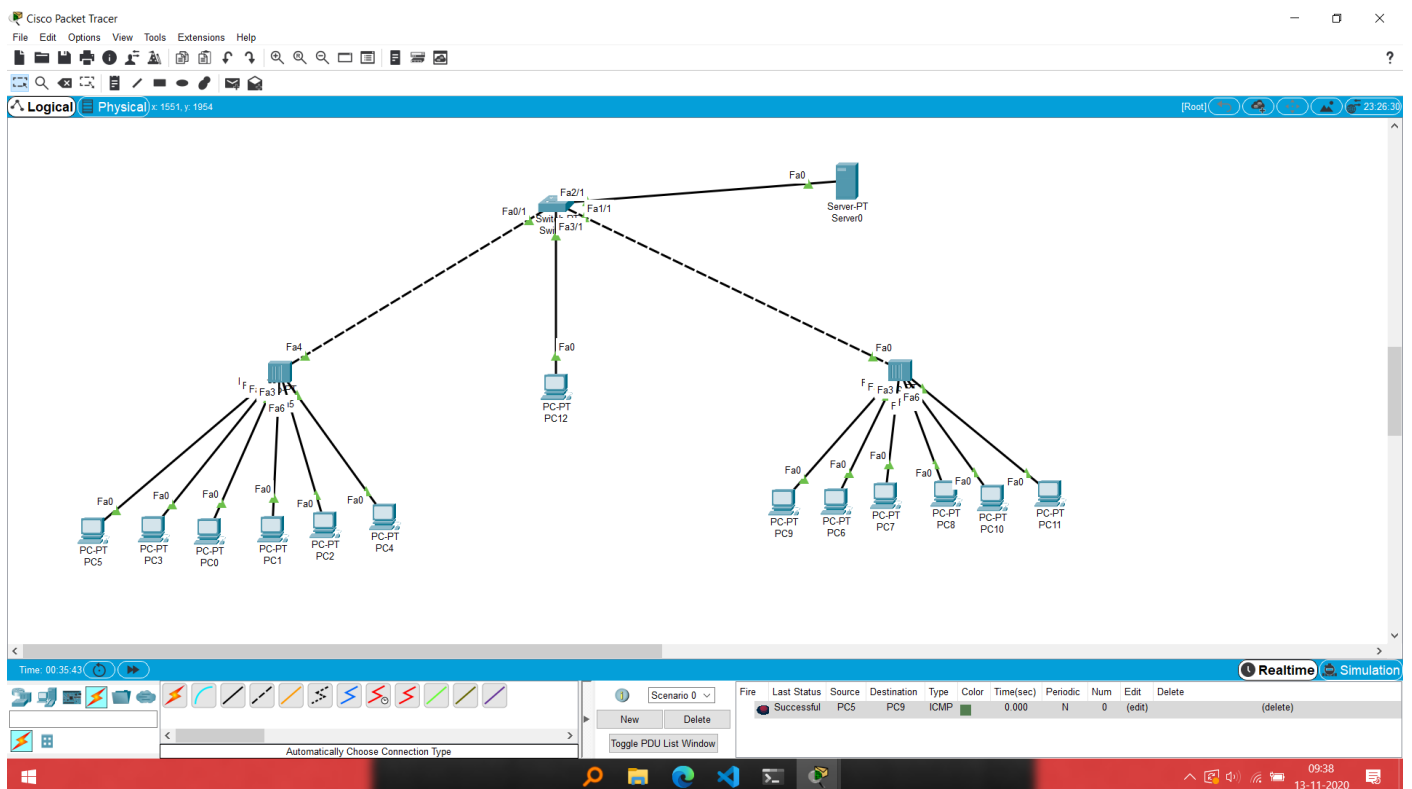


Topology



Modified Topology



Configuring PC

1. IP

The screenshot shows the Cisco Packet Tracer interface with a network diagram and a configuration window for a PC. The network diagram features a central switch with multiple ports connected to several PCs. A dashed line indicates the connection from the switch's Fa4 port to the PC configuration window. The configuration window is titled 'PCS' and has tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is active, showing 'GLOBAL' settings and 'INTERFACE' settings for 'FastEthernet0'. Under 'INTERFACE', the 'FastEthernet0' section is expanded, showing 'Port Status' (On), 'Bandwidth' (100 Mbps), 'Duplex' (Full Duplex), and 'MAC Address' (00E0.B00C.D9AD). The 'IP Configuration' section is set to 'Static' with an 'IPv4 Address' of 10.0.0.1 and a 'Subnet Mask' of 255.0.0.0. The 'IPv6 Configuration' section is also set to 'Static' with an 'IPv6 Address' of FE80:2E0:B0FF:FE0C:D9AD and a 'Link Local Address' of FE80:2E0:B0FF:FE0C:D9AD. The bottom status bar shows 'Time: 00:35:58' and 'Realtime Simulation' mode.

2. DNS

The screenshot shows the Cisco Packet Tracer interface with the same network diagram as the previous image. The configuration window for the PC is open, showing the 'Global Settings' tab. The 'Display Name' is 'PCS' and the 'Interfaces' list includes 'FastEthernet0'. Under 'Gateway/DNS IP:4', the 'Static' option is selected, with a 'Default Gateway' of 10.0.0.40 and a 'DNS Server' of 10.0.0.40. Under 'Gateway/DNS IP:6', the 'Static' option is also selected, with empty fields for 'Default Gateway' and 'DNS Server'. The bottom status bar shows 'Time: 00:36:05' and 'Realtime Simulation' mode.

Configure DNS server

The screenshot shows a Cisco Packet Tracer interface with a network topology on the left and a configuration window for 'Server0' on the right. The topology consists of a central switch (Fa4) connected to six PCs (PC-PT PC5 to PC-PT PC4) via Fa0 ports. The 'Server0' configuration window is open to the 'Services' tab, where the 'DNS' service is configured. The 'DNS Service' is set to 'On'. The 'Resource Records' section shows a table with one record: 'www.bmsnetworks.com' of type 'A Record' with IP address '10.0.0.40'. The 'DNS Cache' is also visible.

Time: 00:36:16

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
Successful	PC5	PC9	ICMP			0.000	N	0	(edit)	(delete)

Automatically Choose Connection Type

09:38 13-11-2020

Configure HTTP – Edit HTML FILE

The screenshot shows a Cisco Packet Tracer interface with the same network topology as the previous image. The 'Server0' configuration window is open to the 'Services' tab, where the 'HTTP' service is configured. The 'HTTP' service is set to 'On'. The 'File Manager' section shows a table with five files: 'copyrights.html', 'cscoplogo177x111.jpg', 'helloworld.html', 'image.html', and 'index.html'. Each file has an 'edit' button and a 'delete' button. The 'New File' and 'Import' buttons are also visible.

Time: 00:36:22

Scenario 0

File Name	Edit	Delete
1 copyrights.html	(edit)	(delete)
2 cscoplogo177x111.jpg		(delete)
3 helloworld.html	(edit)	(delete)
4 image.html	(edit)	(delete)
5 index.html	(edit)	(delete)

New File Import

Automatically Choose Connection Type

09:38 13-11-2020

Sending Simple PDU

PC5 to PC9

Cisco Packet Tracer - C:\Users\Sumanth\Desktop\18M18CS113-LAB.pkt

File Edit Options View Tools Extensions Help

Logical Physical x 100% y 214%

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC5	ICMP
	0.001	PC5	Hub0	ICMP
	0.002	Hub0	PC3	ICMP
	0.002	Hub0	PC0	ICMP
	0.002	Hub0	PC1	ICMP
	0.002	Hub0	PC4	ICMP
	0.002	Hub0	Switch0	ICMP
	0.002	Hub0	PC2	ICMP

Reset Simulation ☒ Constant Delay Captured to: 0.002 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PaP, 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

Scenario 0

New Delete

Toggle PDU List Window

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

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
In Progress		PC5	PC9	ICMP		0.000	N	0	(edit)	(delete)

Automatically Choose Connection Type

Time: 00:50:57.268 PLAY CONTROLS

09:54 13-11-2020

Cisco Packet Tracer - C:\Users\Sumanth\Desktop\18M18CS113-LAB.pkt

File Edit Options View Tools Extensions Help

Logical Physical x 100% y 214%

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC5	ICMP
	0.001	PC5	Hub0	ICMP
	0.002	Hub0	PC3	ICMP
	0.002	Hub0	PC0	ICMP
	0.002	Hub0	PC1	ICMP
	0.002	Hub0	PC4	ICMP
	0.002	Hub0	Switch0	ICMP
	0.002	Hub0	PC2	ICMP
	0.003	Switch0	Hub1	ICMP
	0.004	Hub1	PC9	ICMP
	0.004	Hub1	PC6	ICMP
	0.004	Hub1	PC7	ICMP
	0.004	Hub1	PC8	ICMP
	0.004	Hub1	PC10	ICMP
	0.004	Hub1	PC11	ICMP

Reset Simulation ☒ Constant Delay Captured to: 0.004 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PaP, 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

Scenario 0

New Delete

Toggle PDU List Window

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

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
In Progress		PC5	PC9	ICMP		0.000	N	0	(edit)	(delete)

Automatically Choose Connection Type

Time: 00:50:57.270 PLAY CONTROLS

09:55 13-11-2020

Acknowledgement – Response

Cisco Packet Tracer - C:\Users\Sumanth\Desktop\18M18CS113-LAB.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 959, y: 2393

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.004	Hub1	PC10	ICMP
	0.004	Hub1	PC11	ICMP
	0.005	PC9	Hub1	ICMP
	0.006	Hub1	Switch0	ICMP
	0.006	Hub1	PC6	ICMP
	0.006	Hub1	PC7	ICMP
	0.006	Hub1	PC8	ICMP
	0.006	Hub1	PC10	ICMP
	0.006	Hub1	PC11	ICMP
	0.007	Switch0	Hub0	ICMP
	0.008	Hub0	PC5	ICMP
	0.008	Hub0	PC3	ICMP
	0.008	Hub0	PC0	ICMP
	0.008	Hub0	PC1	ICMP
	0.008	Hub0	PC4	ICMP
	0.008	Hub0	PC2	ICMP

Reset Simulation ☒ Constant Delay Captured to: 0.008 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:50:57.274 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

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

Successful PC5 PC9 ICMP 0.000 N 0 (edit) (delete)

Automatically Choose Connection Type

09:55 13-11-2020

Accessing www.bmsnetworks.com from PC5

Cisco Packet Tracer - C:\Users\Sumanth\Desktop\18M18CS113-LAB.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 671, y: 1794

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000		PC5	ICMP

Reset Simulation ☒ Constant Delay Captured to: 0.000 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, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:51:11.257 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

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

In Progress PC5 PC9 ICMP 0.000 N 0 (edit) (delete)

Automatically Choose Connection Type

10:13 13-11-2020

PC5

Physical Config Desktop Programming Attributes

Web Browser

URL: <http://www.bmsnetworks.com> Go Stop

BMS NETWORKS

Welcome to Lab-2 Networks.

"This website is currently unavailable"

Accessing www.bmsnetworks.com from PC connected to switch

Cisco Packet Tracer - C:\College\SEM 5\CN\LAB\TEST\18M18CS113-LAB.pkt

File Edit Options View Tools Extensions Help

Logical Physical x: 1204, y: 2247 [Root] 05:35:00

The network diagram shows a central switch (S1) with ports Fa0/1 through Fa0/6. It is connected to six PCs: PC-PT PC5, PC-PT PC3, PC-PT PC0, PC-PT PC1, PC-PT PC2, and PC-PT PC4. A dashed line indicates a connection from the switch to a PC window (PC12) that is open. The PC window shows a web browser with the URL <http://www.bmsnetworks.com>. The browser displays the BMS NETWORKS logo and the message: "Welcome to Lab-2 Networks. 'This website is currently unavailable'".

PC12

Physical Config Desktop Programming Attributes

Web Browser

< > URL <http://www.bmsnetworks.com> Go Stop

BMS NETWORKS

Welcome to Lab-2 Networks.

"This website is currently unavailable"

Top

Time: 00:11:04

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
		PC5	PC9	ICMP		0.000	N	0	(edit)	(delete)

10:22 13-11-2020