

Computer Networks Laboratory

UE20CS255

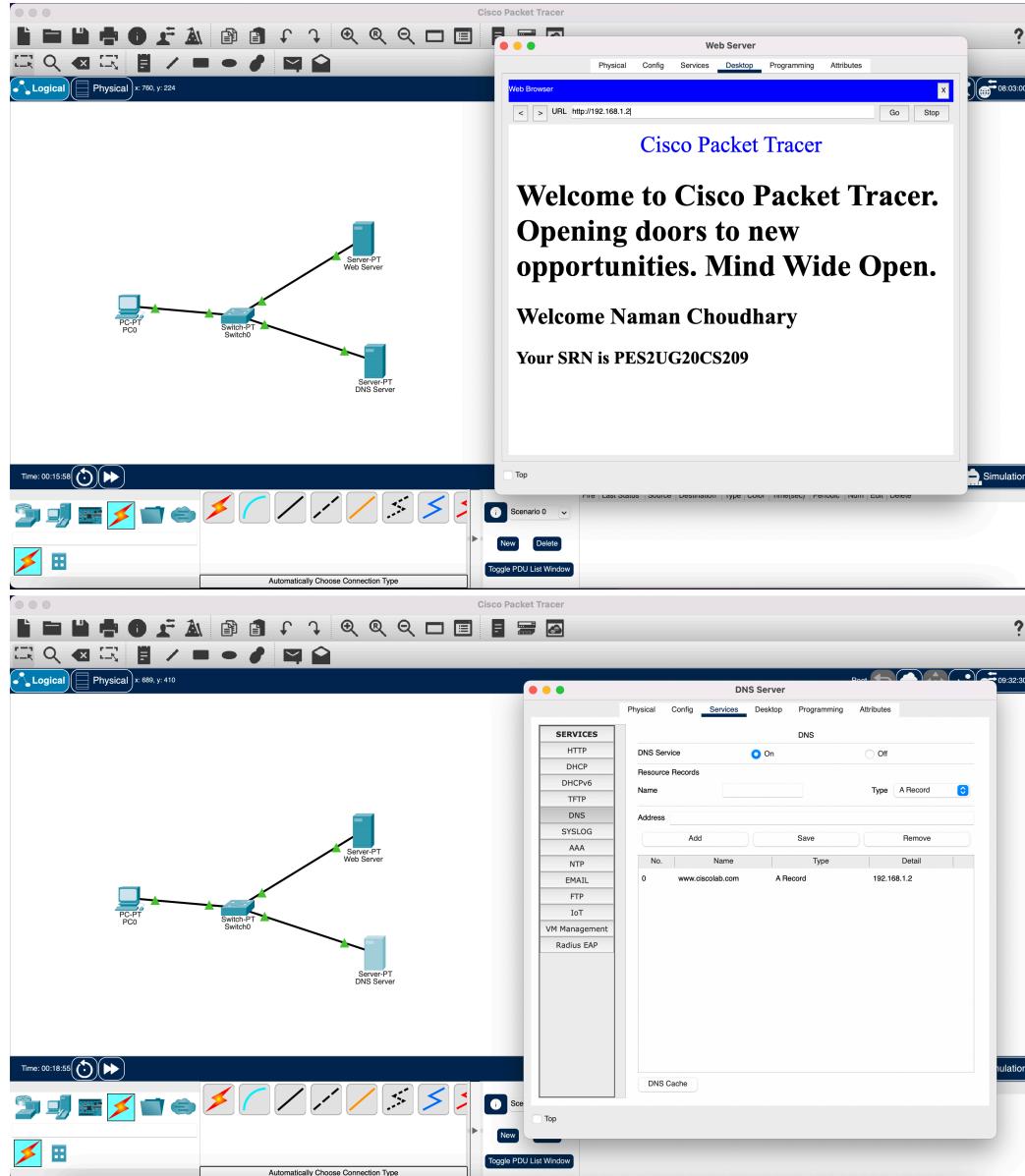
Name: Naman Choudhary	SRN: PES2UG20CS209	Section: D
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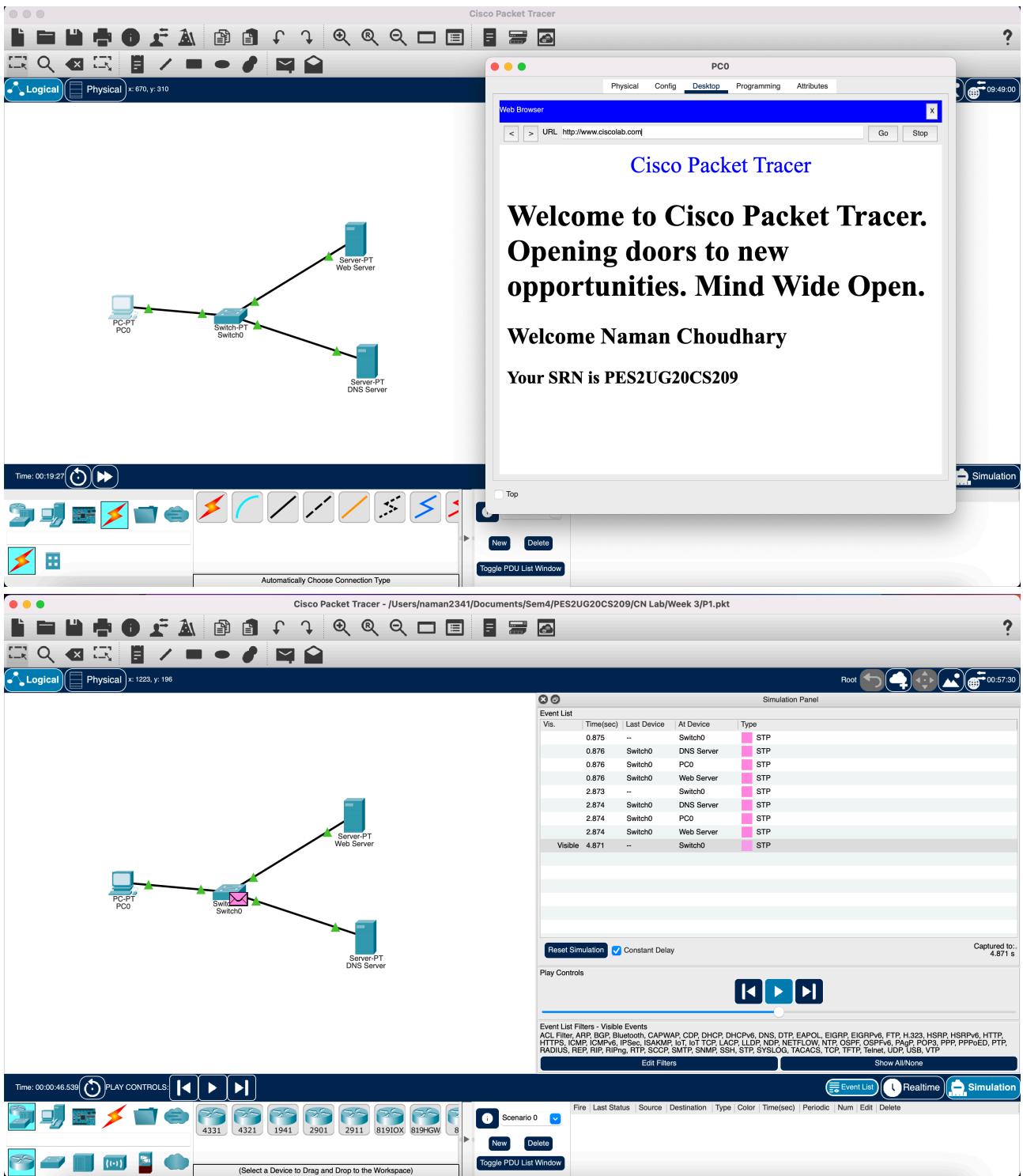
Week 3

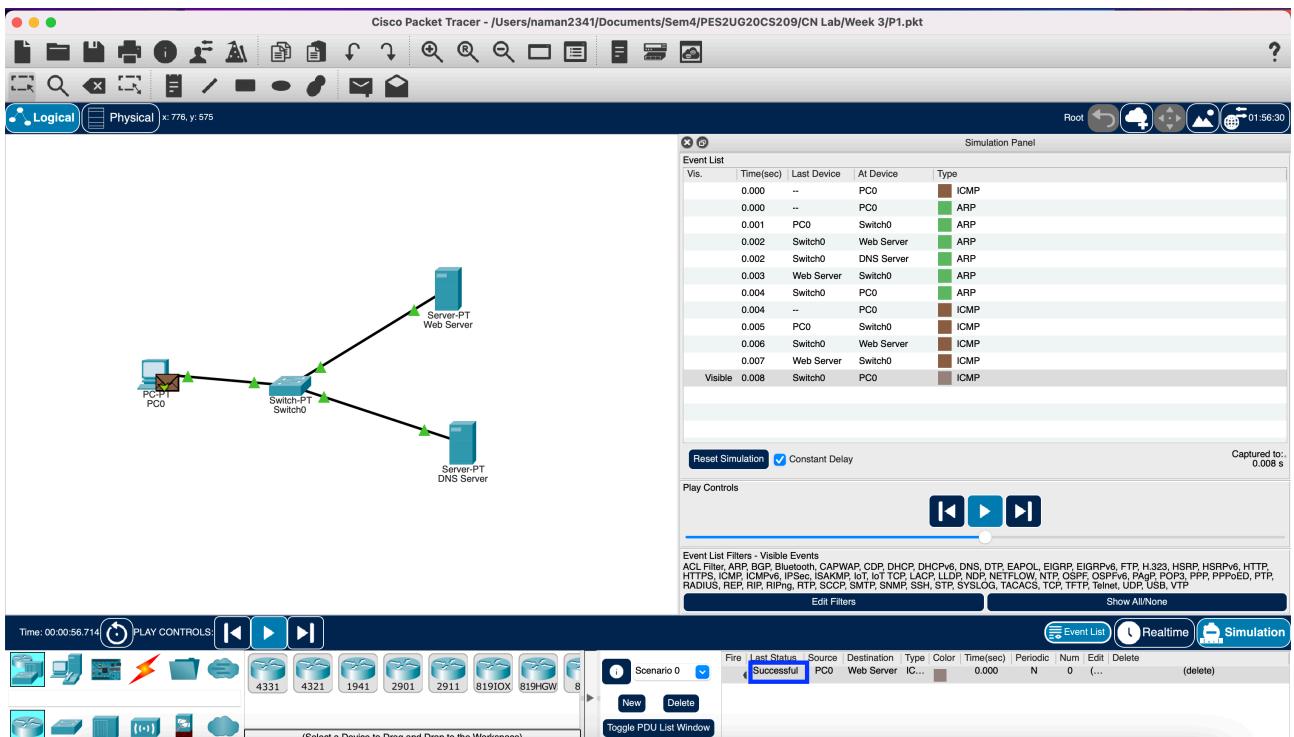
Cisco Packet Tracer - Life of a Packet on the Internet

Task 1:Configure DNS and web server in the same network using switch.

SCREENSHOTS:

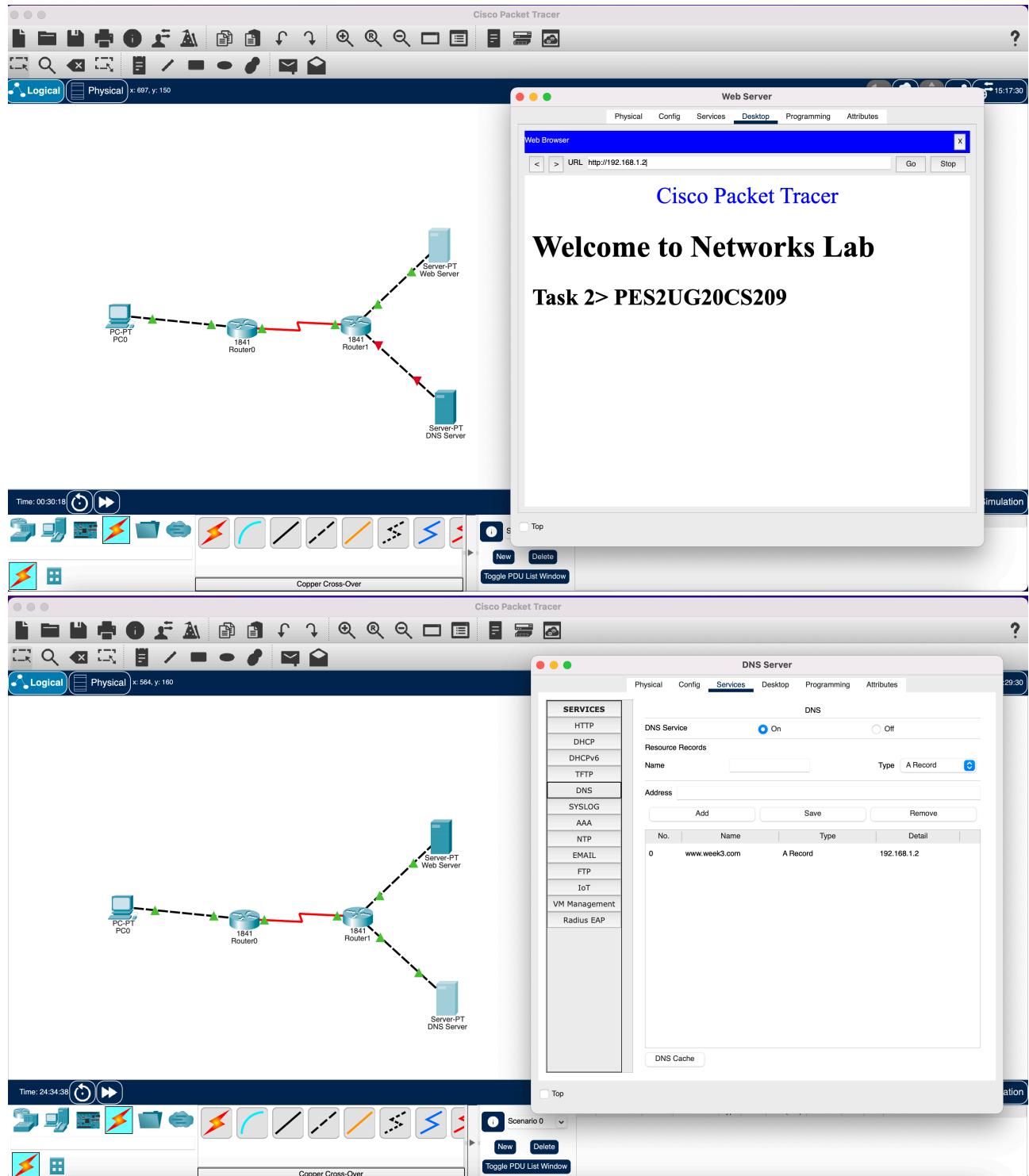


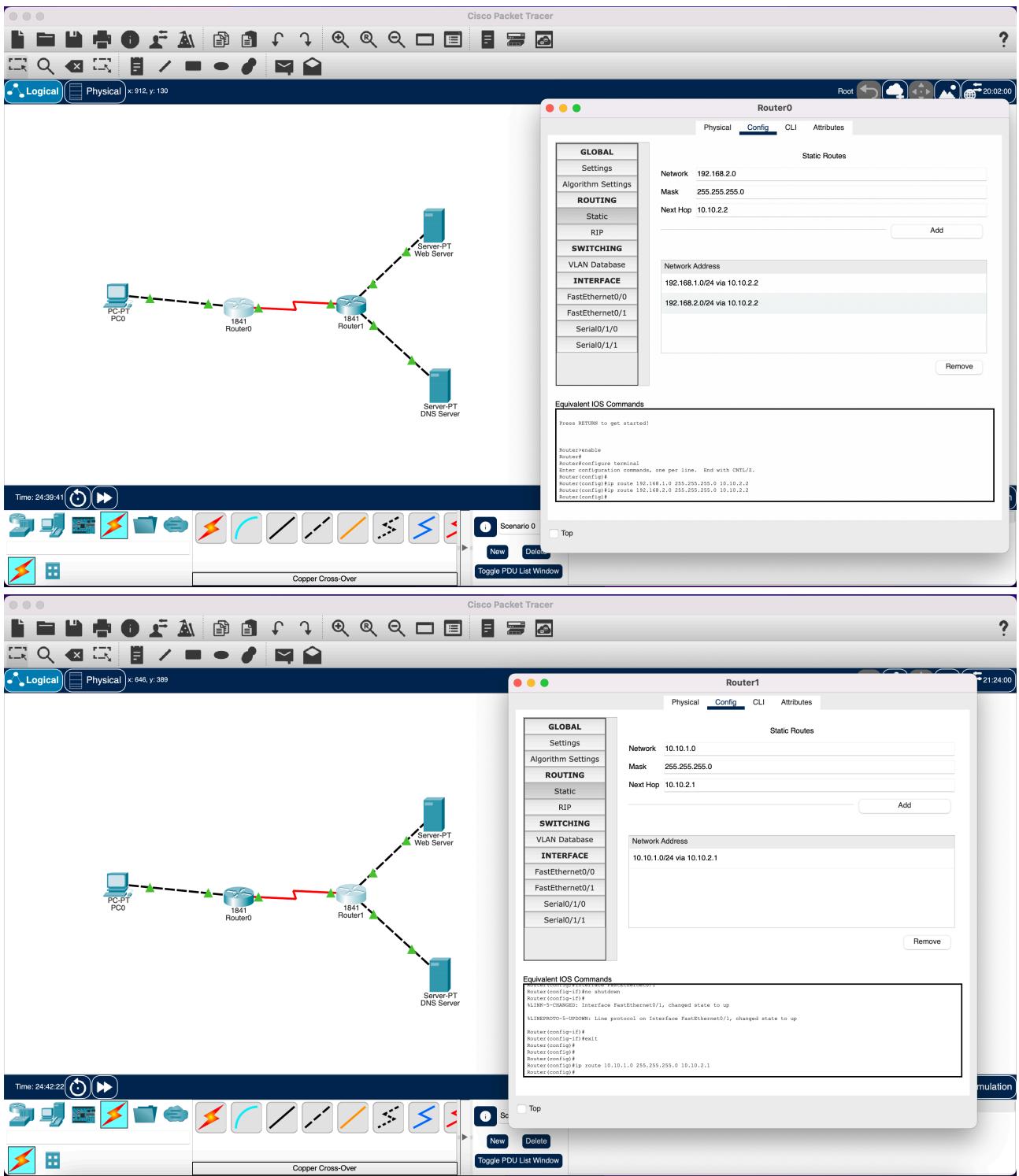


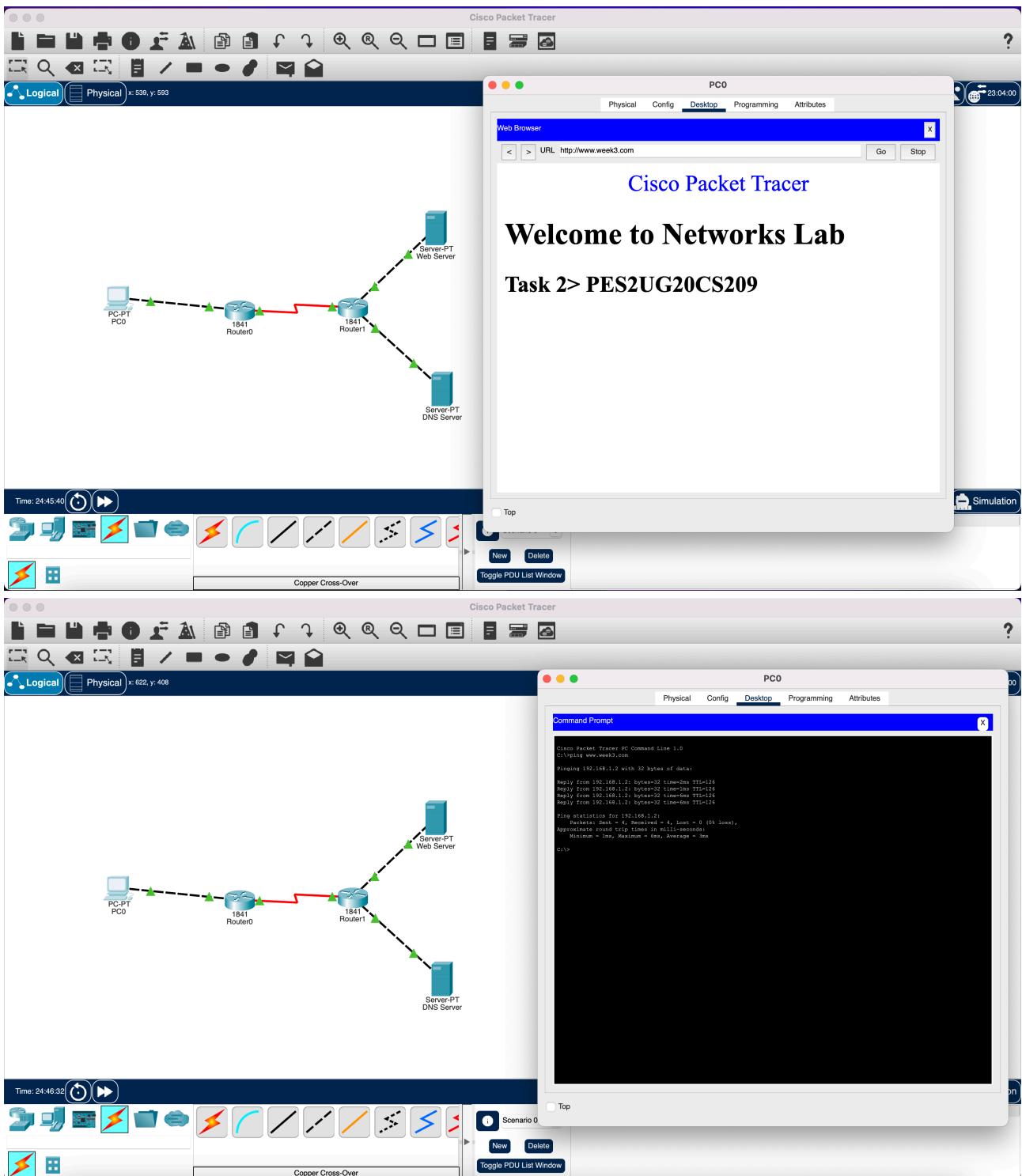


Task 2: Configure DNS and web server between different network

SCREENSHOTS:







Cisco Packet Tracer

The network diagram shows a PC (PC-PT PC0) connected to Router0 via a dashed line. Router0 is connected to Router1 via a red line. Router1 is connected to a Web Server and a DNS Server. The Web Server is also connected to the DNS Server.

Event List

Vis.	Time(sec)	Last Device	At Device	Type
31.152		Router0	PC0	CDP
31.152		Router0	Router1	CDP
45.474	--		Router1	CDP
45.474	--		Router1	CDP
45.474	--		Router1	CDP
45.475		Router1	Web Server	CDP
45.475		Router1	DNS Server	CDP
45.475		Router1	Router0	CDP
91.151	--	Router0	Router0	CDP
91.151	--	Router0	Router1	CDP
91.152		Router0	PC0	CDP
91.152		Router0	Router1	CDP
Visible	105.476	--	Router1	CDP
Visible	105.476	--	Router1	CDP
Visible	105.476	--	Router1	CDP

Play Controls

Event List Filters - Visible Events

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

Simulation Panel

Captured to: 105.476 s

Event List

Vis.	Time(sec)	Last Device	At Device	Type
91.152		Router0	PC0	CDP
91.152		Router0	Router1	CDP
105.476	--		Router1	CDP
105.476	--		Router1	CDP
105.476	--		Router1	CDP
105.476		PC0	Router1	ICMP
105.477		Router1	Web Server	CDP
105.477		Router1	DNS Server	CDP
105.477		Router1	Router0	CDP
105.477		PC0	Router0	ICMP
105.478		Router0	Router1	ICMP
105.479		Router1	Web Server	ICMP
105.480		Web Server	Router1	ICMP
105.481		Router1	Router0	ICMP
Visible	105.482	Router0	PC0	ICMP

Play Controls

Event List Filters - Visible Events

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

Simulation Panel

Captured to: 105.482 s

Event List

Vis.	Time(sec)	Last Device	At Device	Type
Visible	105.476	PC0	Successful	

Play Controls

Event List Filters

Event List

Vis.	Time(sec)	Last Device	At Device	Type
Visible	105.476	PC0	Successful	

Play Controls