

LAPORAN AKHIR PRAKTIKUM

Mata Praktikum : Jaringan Komputer
Kelas : 3IA02
Praktikum ke- : 2
Tanggal : 26/10/22
Materi : Subnetting dan DHCP
NPM : 50420562
Nama : Ibrahim Bramullah
Ketua Asisten : David
Paraf Asisten :
Nama Asisten :
Jumlah Lembar : 20 Lembar

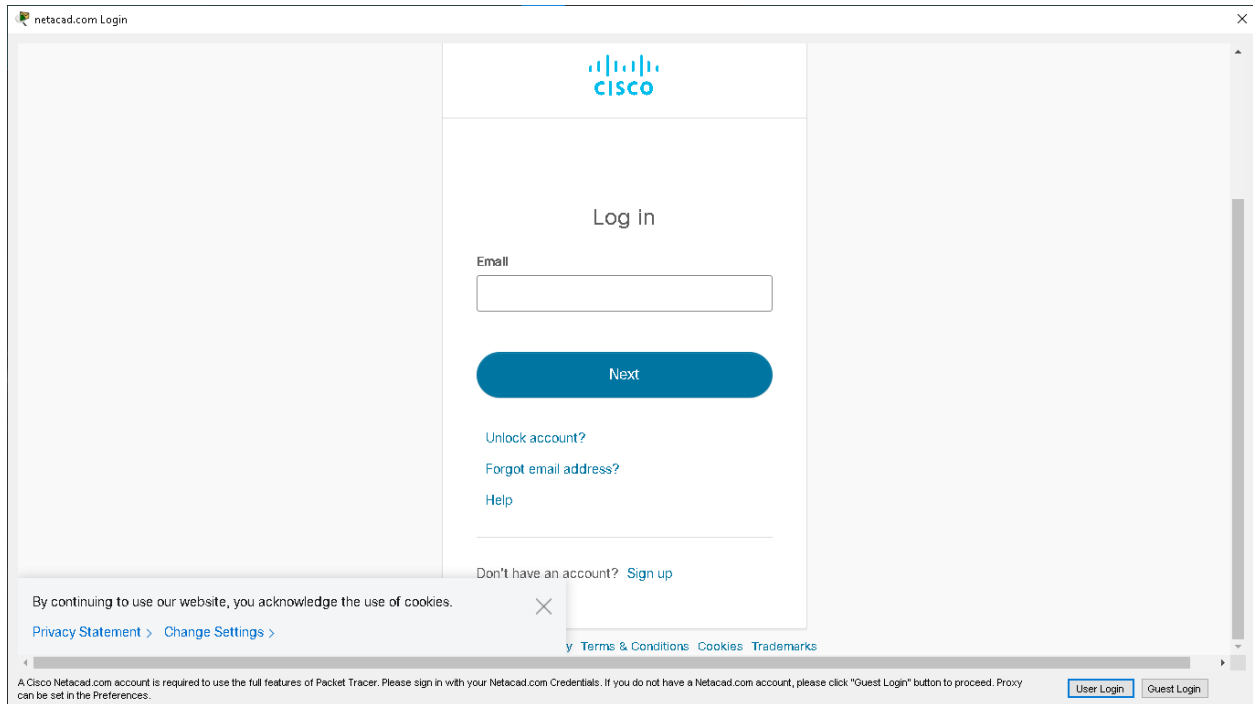
LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

2022

Soal : Buatlah laporan berisikan Screenshot dan langkah-langkah yang dilakukan seperti pada video/activity

~~Guest Login



netacad.com Login

cisco

Log in

Email

Next

[Unlock account?](#)

[Forgot email address?](#)

[Help](#)

Don't have an account? [Sign up](#)

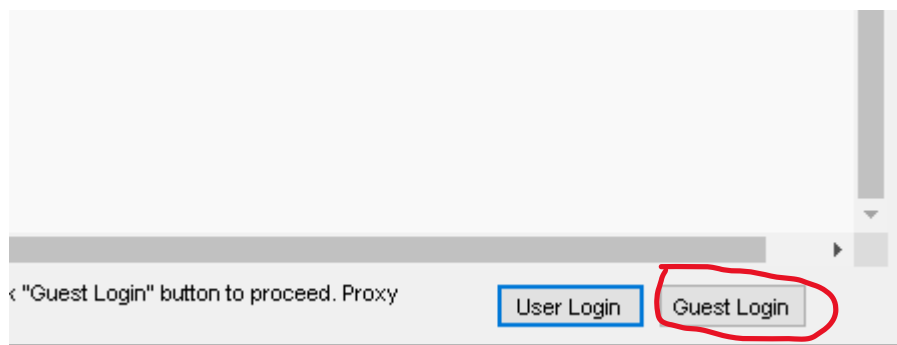
By continuing to use our website, you acknowledge the use of cookies.

[Privacy Statement](#) > [Change Settings](#) >

[Terms & Conditions](#) [Cookies](#) [Trademarks](#)

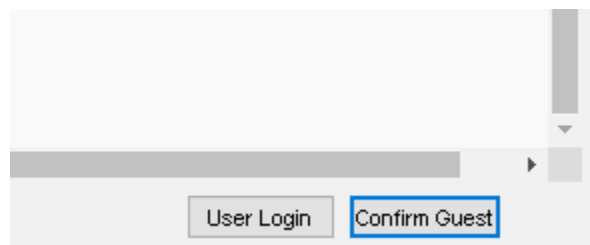
A Cisco Netacad.com account is required to use the full features of Packet Tracer. Please sign in with your Netacad.com Credentials. If you do not have a Netacad.com account, please click "Guest Login" button to proceed. Proxy can be set in the Preferences.

[User Login](#) [Guest Login](#)

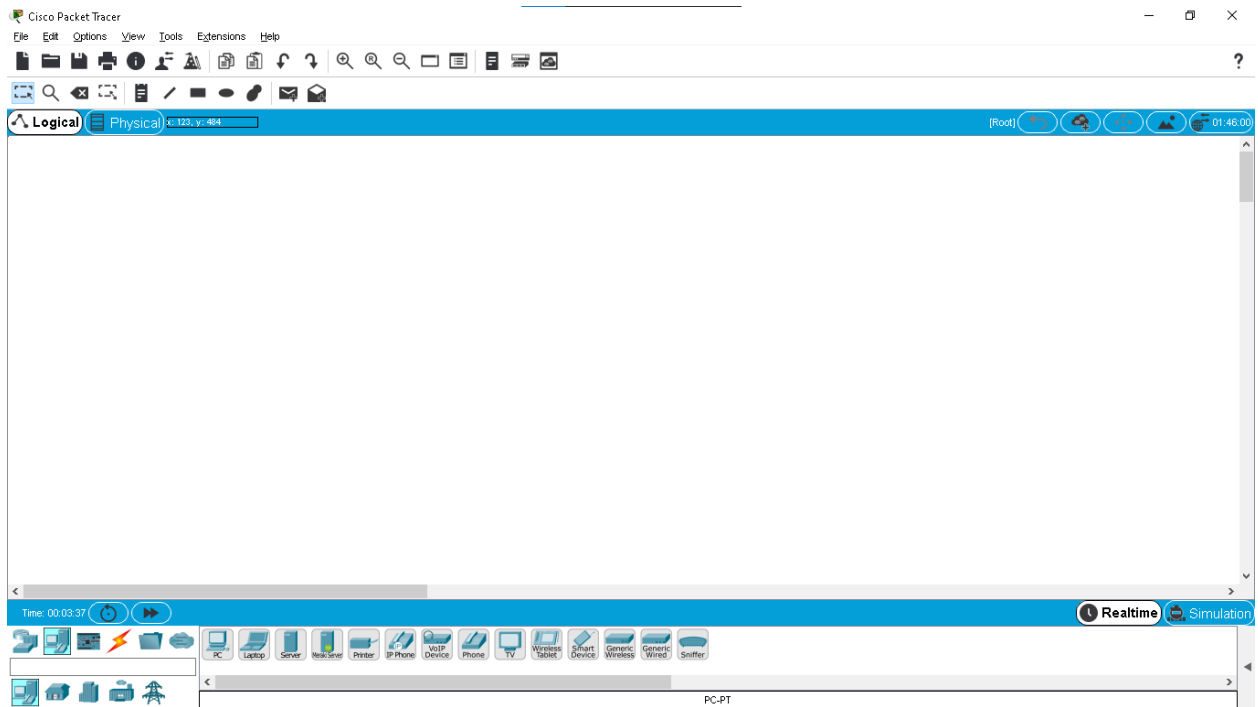


< "Guest Login" button to proceed. Proxy

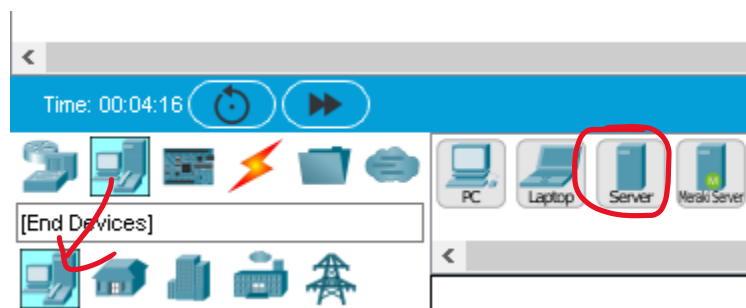
[User Login](#) [Guest Login](#)

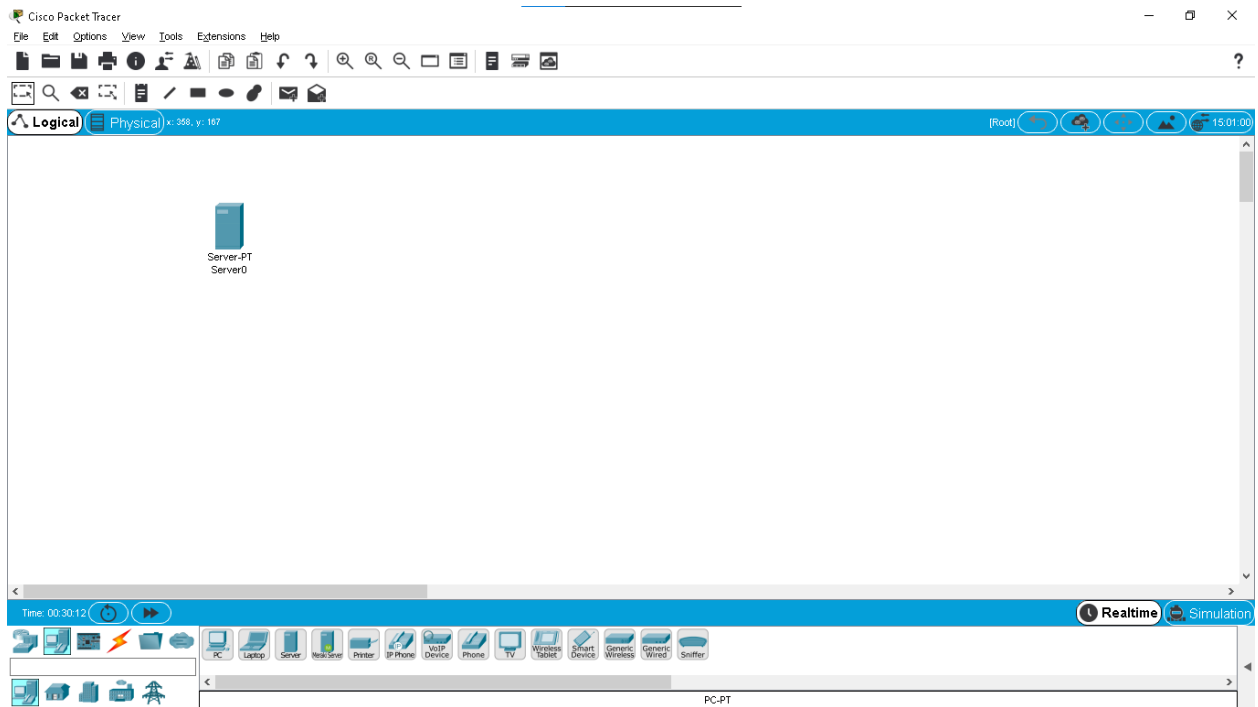


[User Login](#) [Confirm Guest](#)



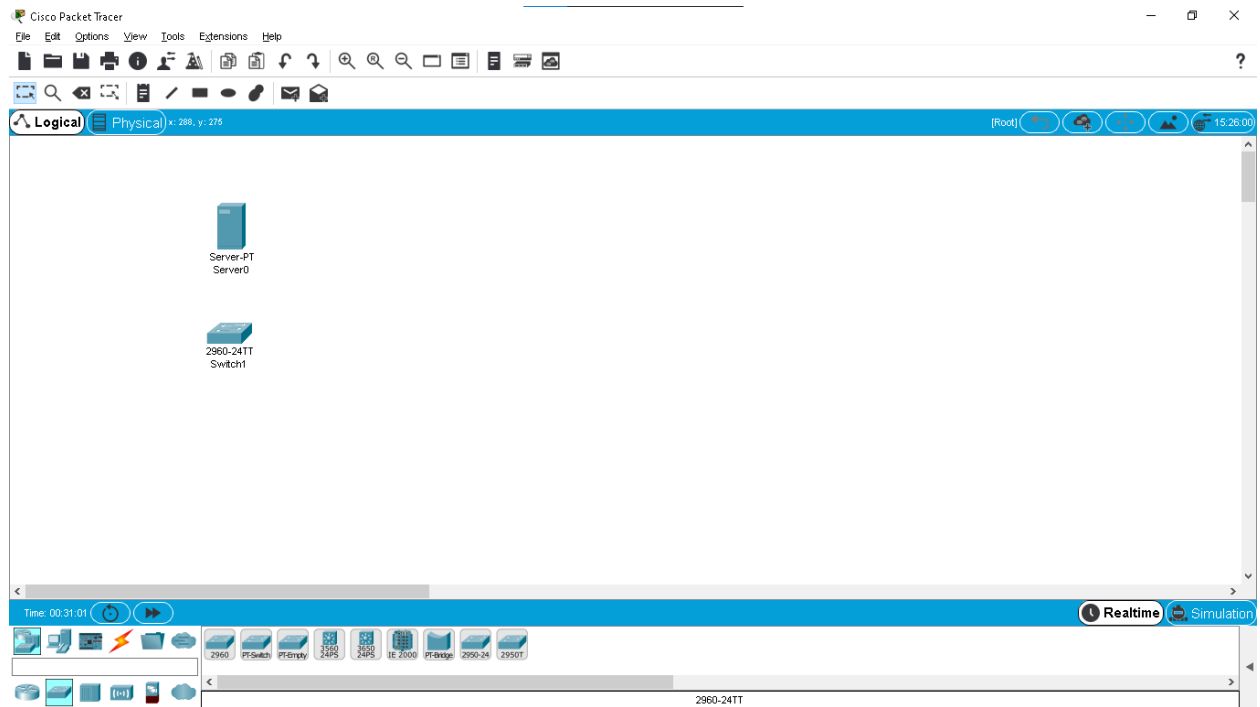
~Pilih Server (pada EndDevice)



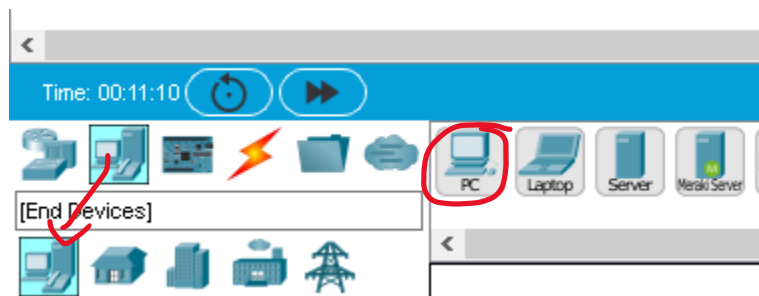


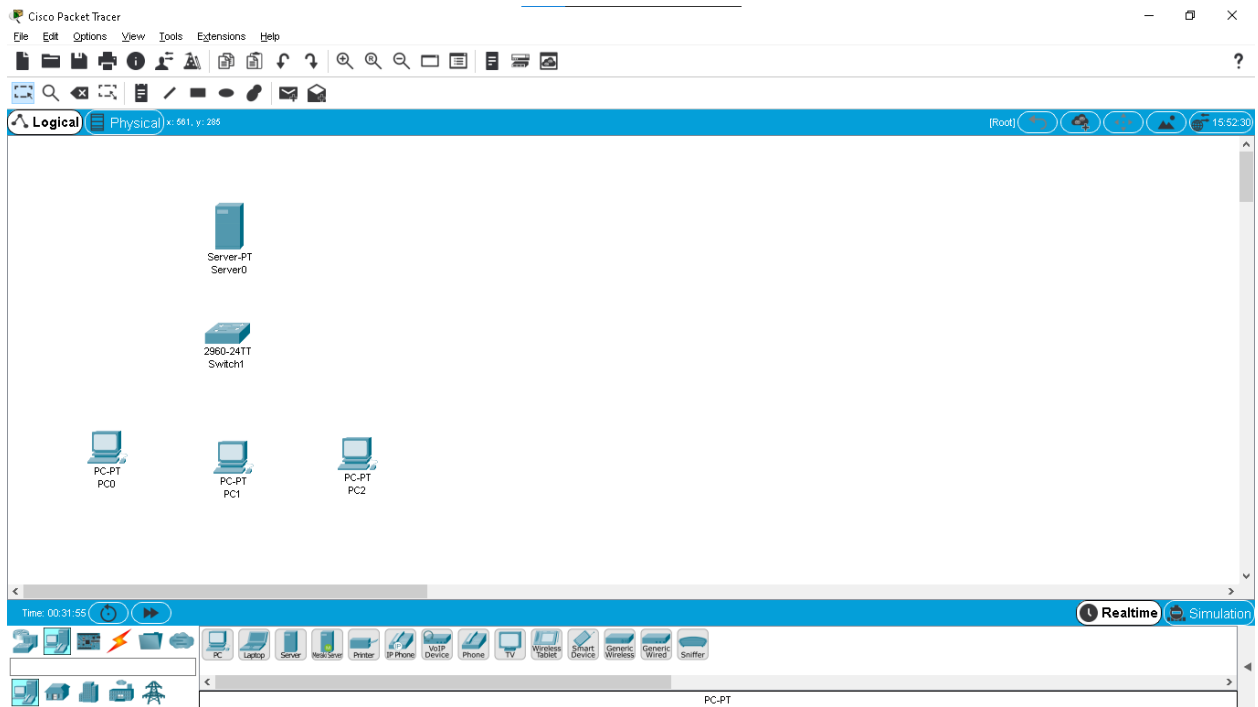
~~Pilih 2960 Switch (pada Switches)



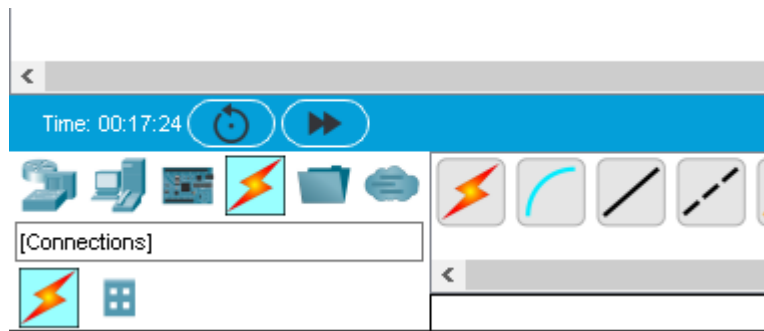


~~Pilih 3 PC (pada EndDevice)

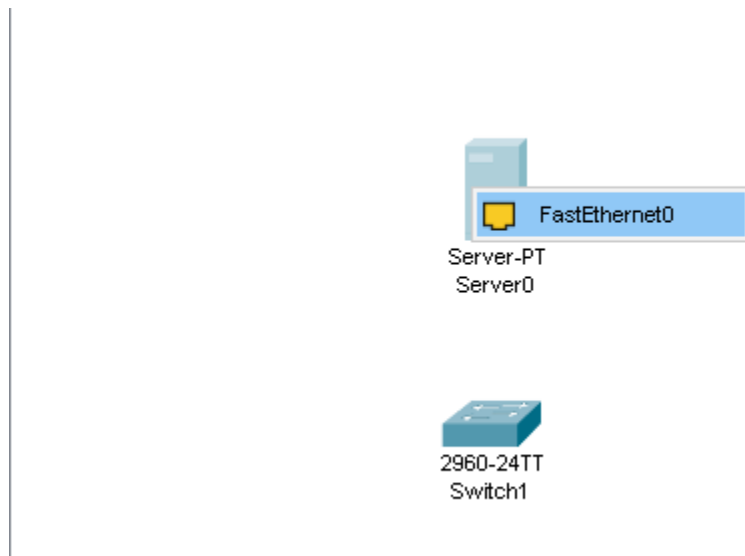


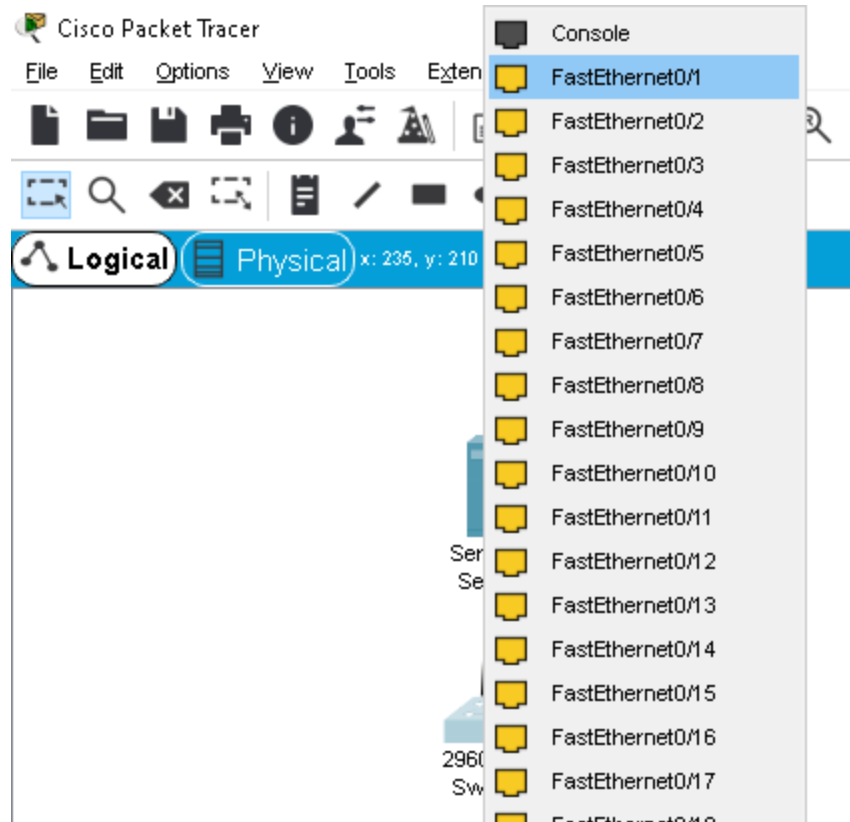


~Pilih Cabel (pada Connection)

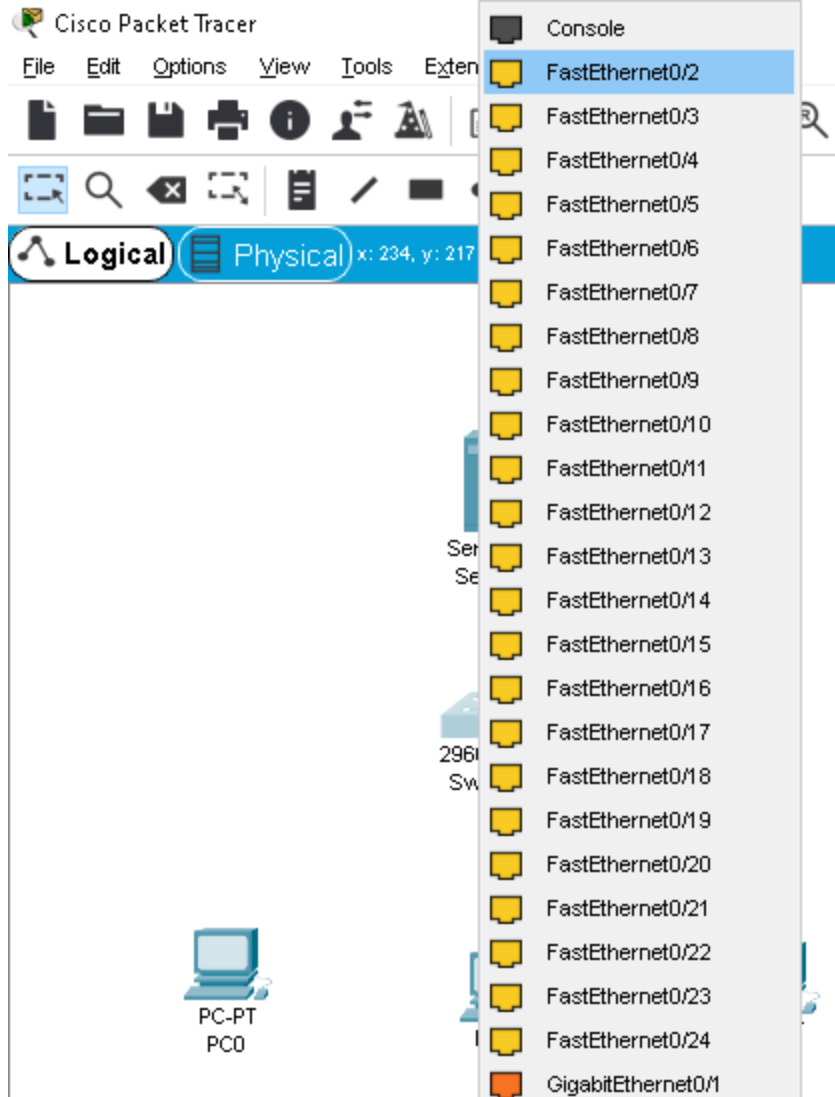


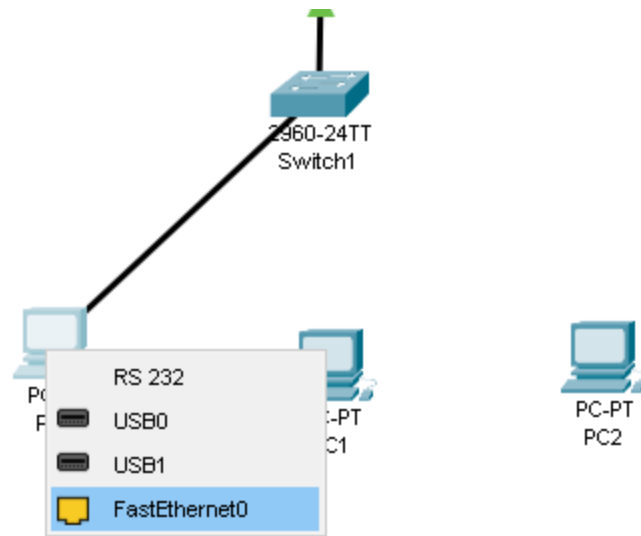
➤ Hubungkan Server dengan Switch

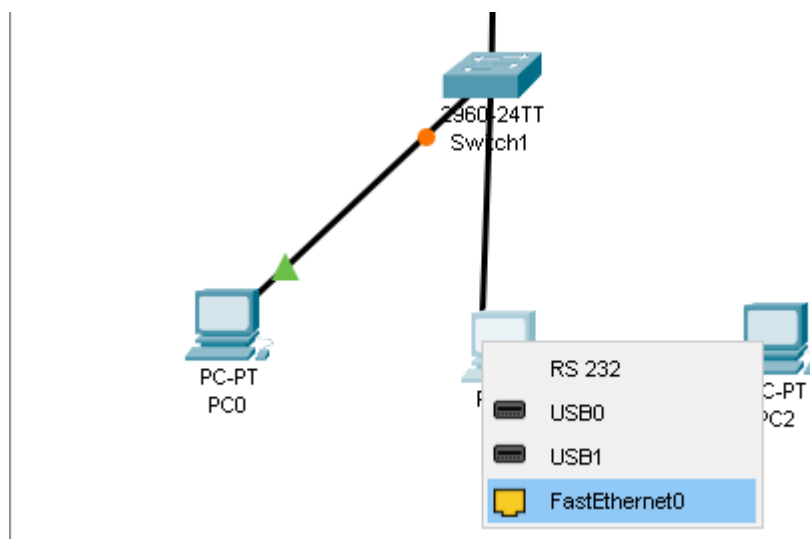
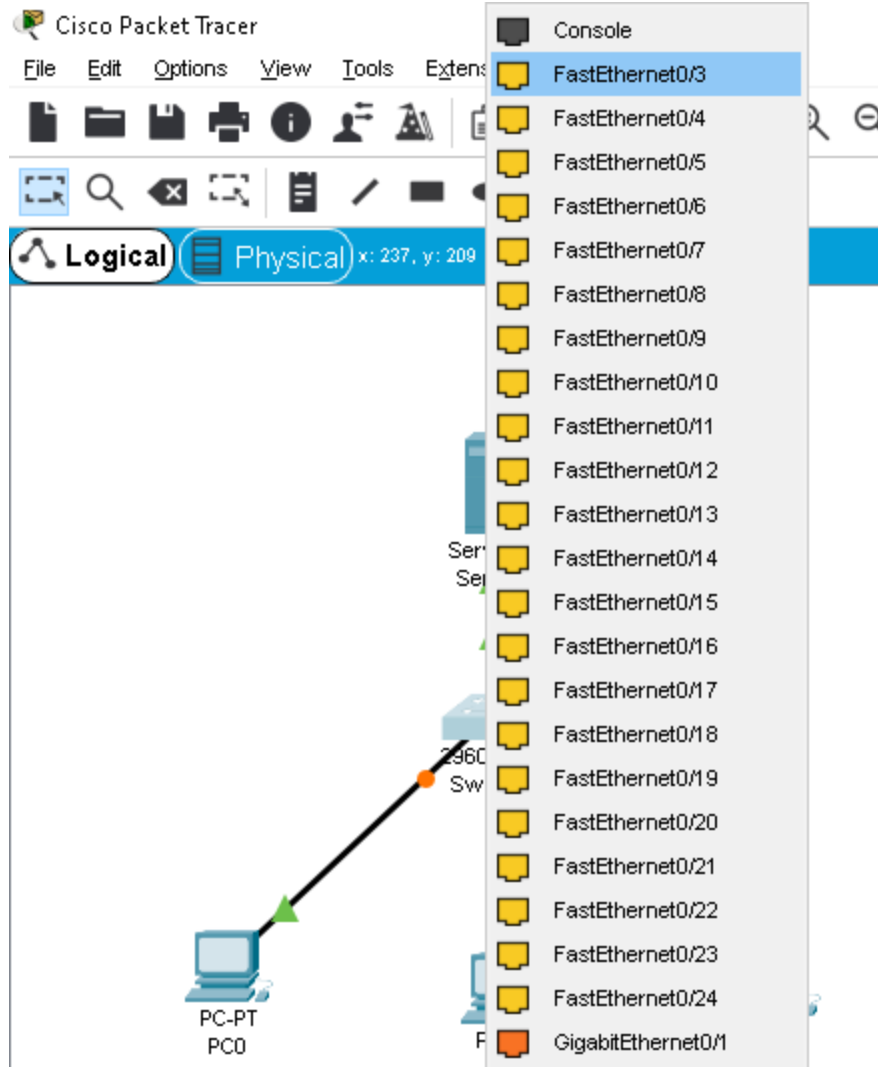


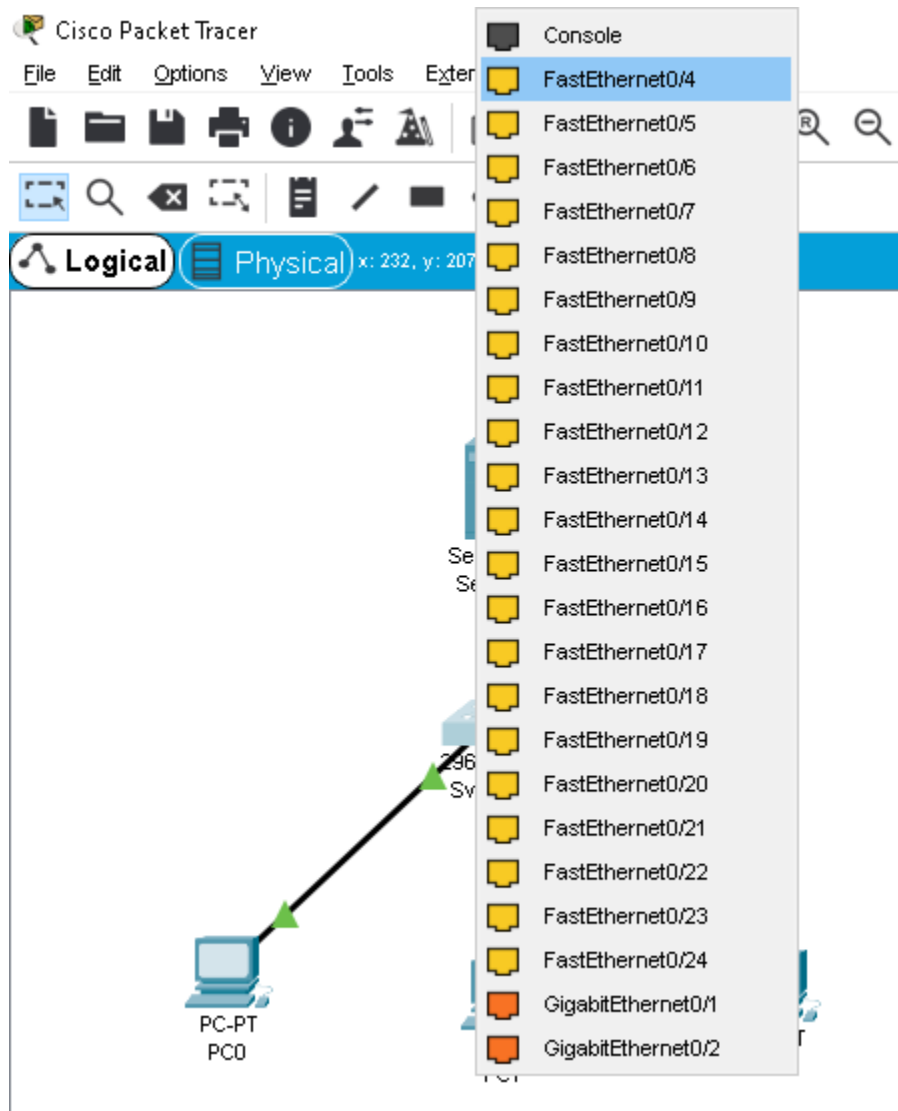


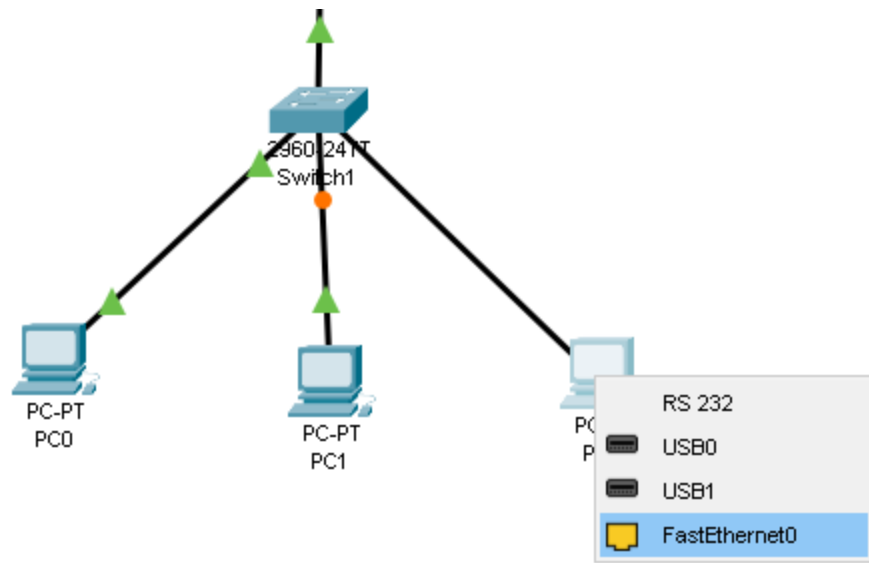
- Hubungkan Switch dengan PC



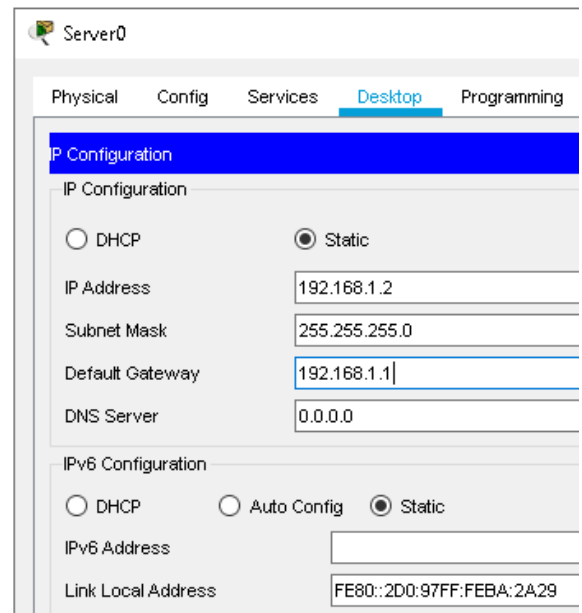
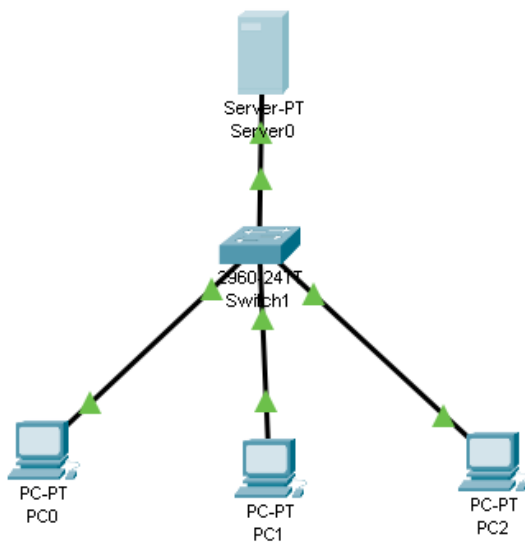
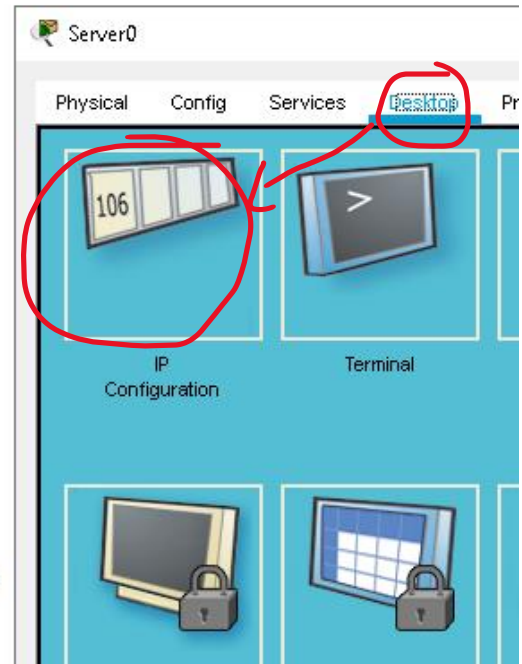
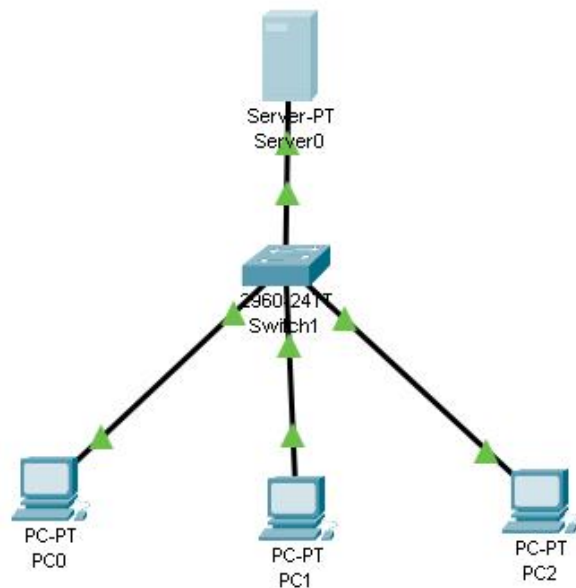




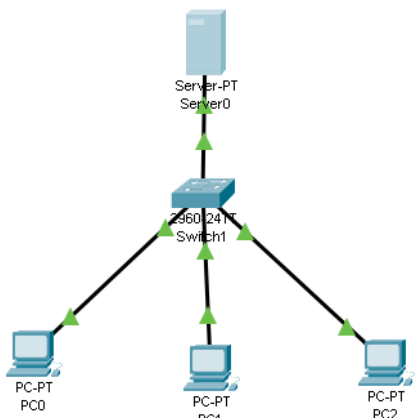




IP Server



DHCP Server



Server0

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface **FastEthernet0** Service ☐ On ☒ Off

Pool Name

Default Gateway

DNS Server

Start IP Address :

Subnet Mask:

Maximum Number of Users :

TFTP Server:

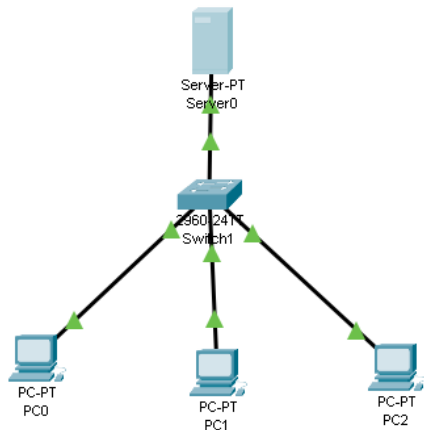
WLC Address:

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	0.0.0.0	192....	255....	255	0.0.0.0	0.0.0.



Server0

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface **FastEthernet0** Service ☒ On ☐ Off

Pool Name

Default Gateway

DNS Server

Start IP Address :

Subnet Mask:

Maximum Number of Users :

TFTP Server:

WLC Address:

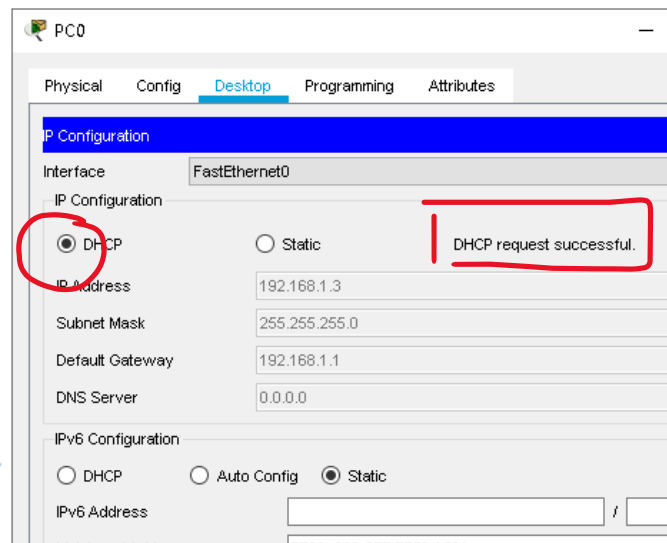
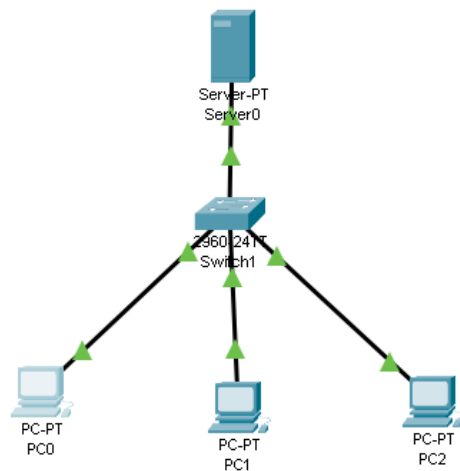
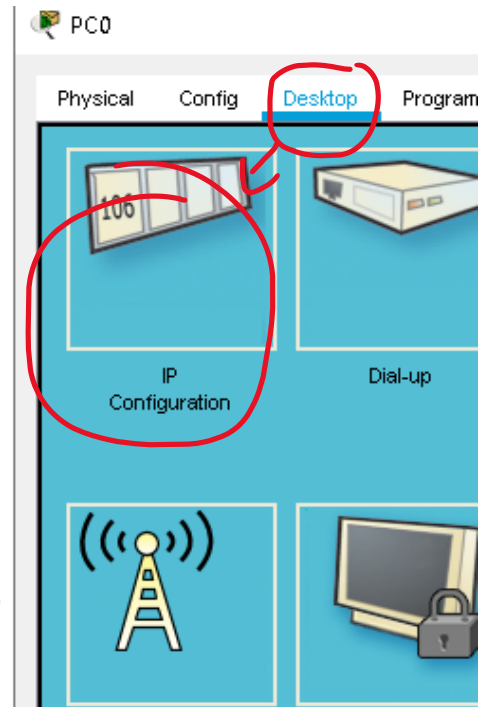
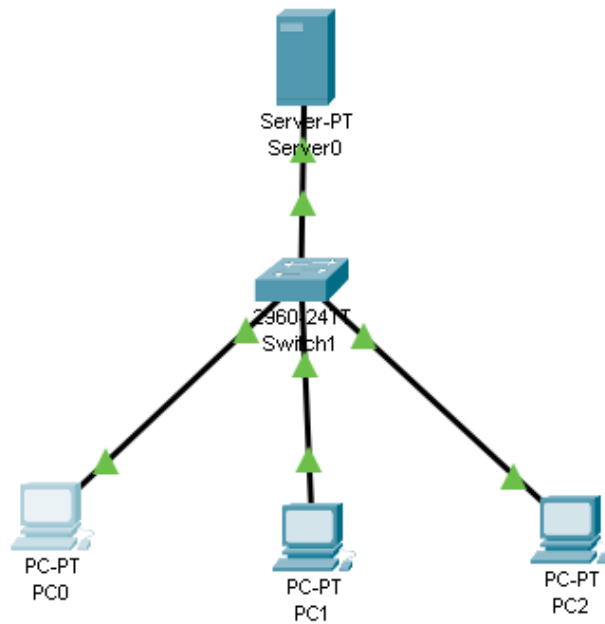
Add

Save

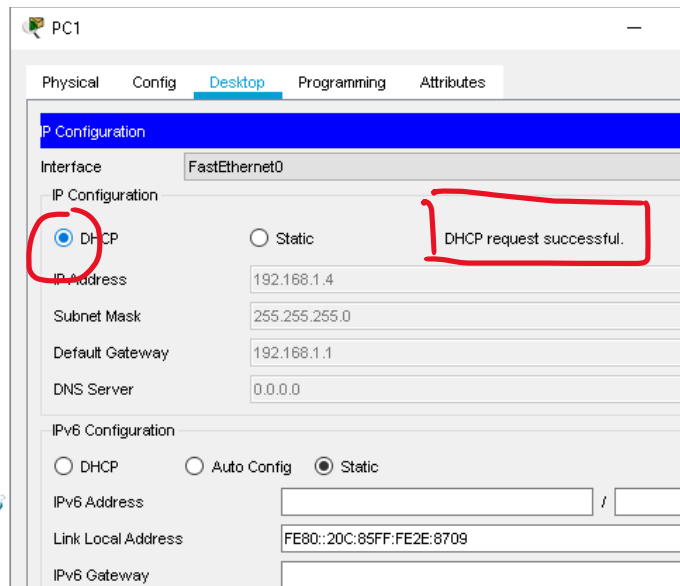
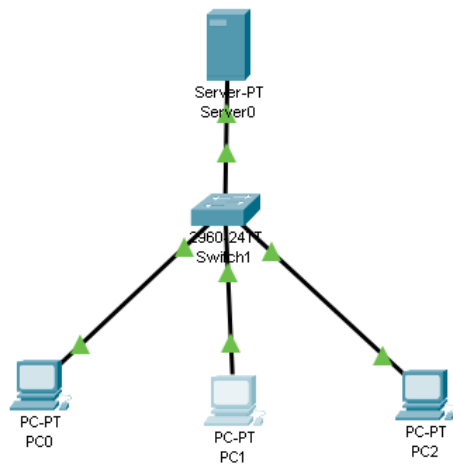
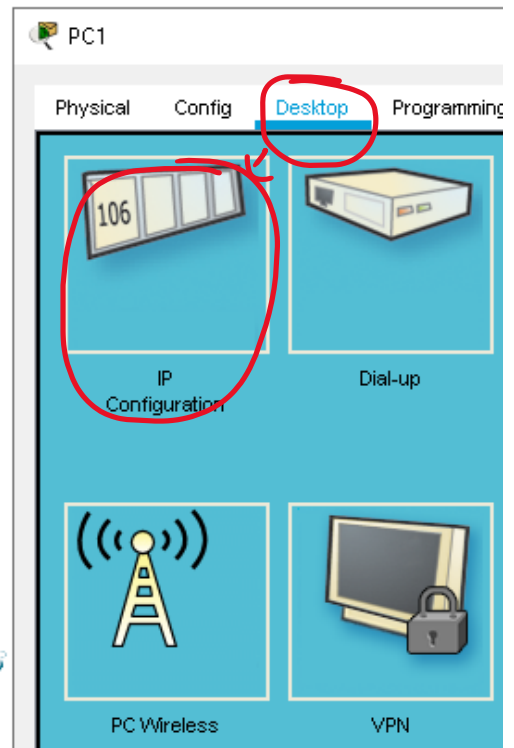
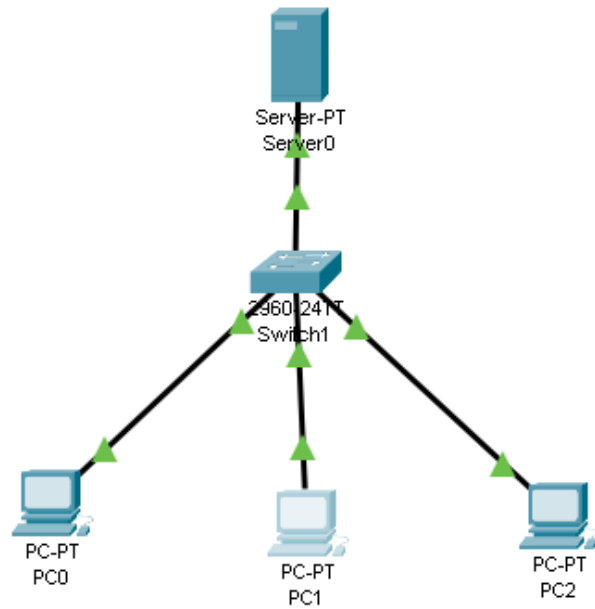
Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192....	0.0.0.0	192....	255....	10	0.0.0.0	0.0.0.

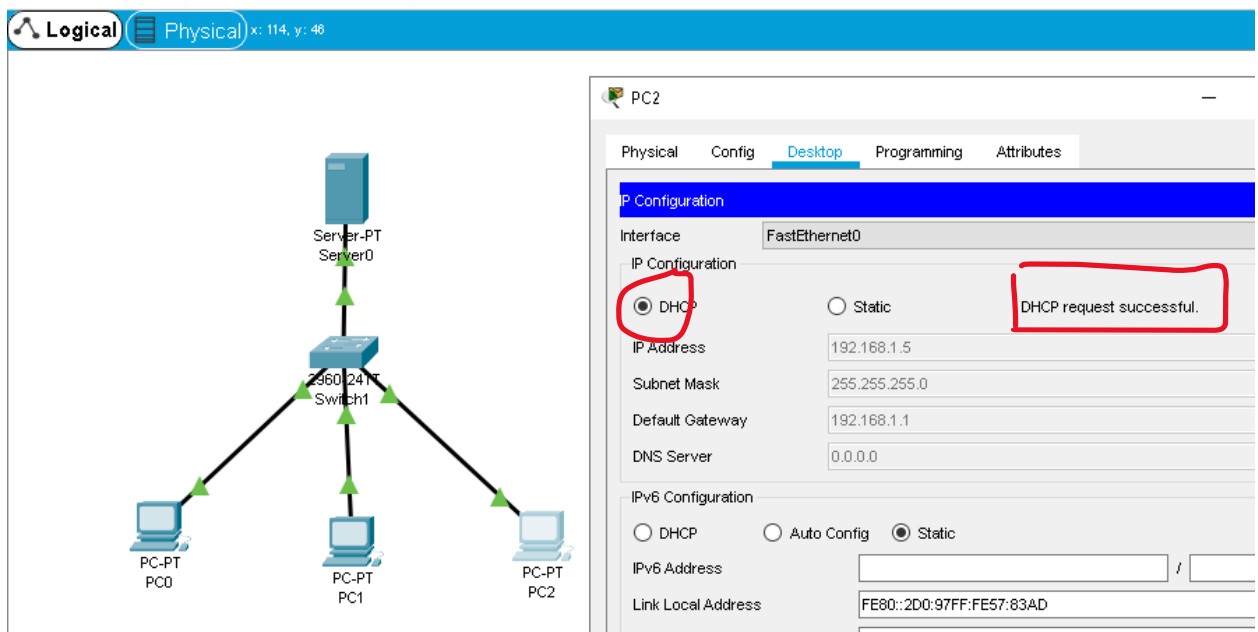
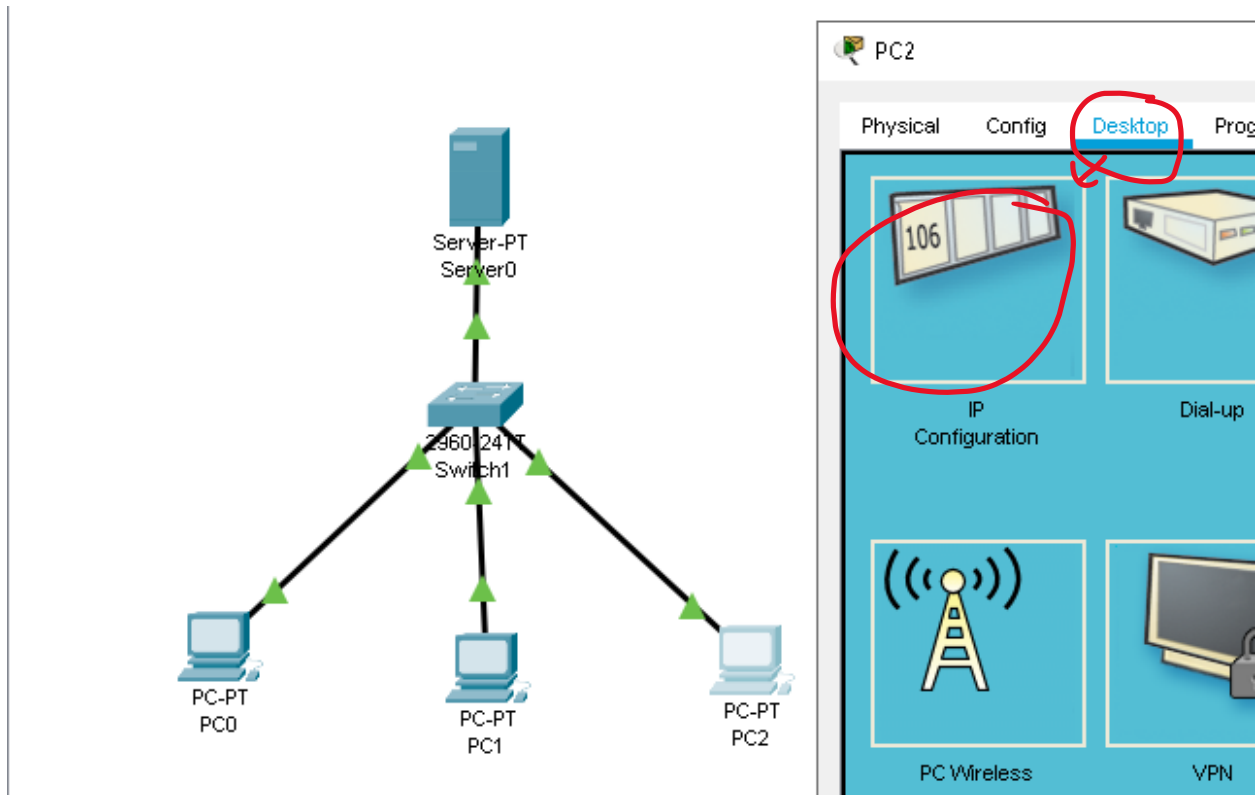
PC – PT PC0



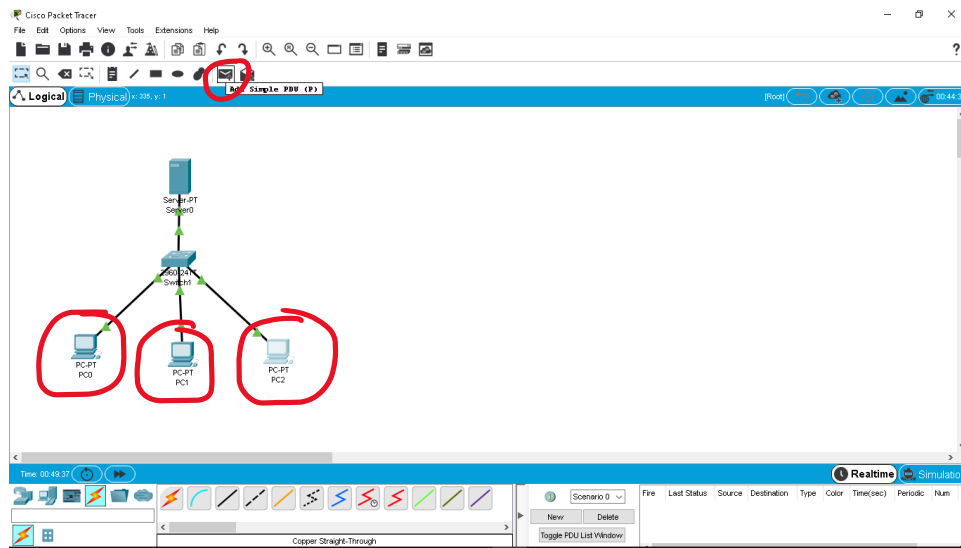
PC – PT PC1



PC – PT PC2



Add Simple pada PC



~~PC0<> PC1

Realtime Simulation										
Scenario 0	Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Ed
New	Successful		PC0	PC1	ICMP		0.000	N	0	(e
Delete										
Toggle PDU List Window										

~~PC1<> PC2

Realtime Simulation										
Scenario 0	Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Ed
New	Successful		PC0	PC1	ICMP		0.000	N	0	(e
Delete	Successful		PC1	PC2	ICMP		0.000	N	1	(e
Toggle PDU List Window										

~~PC0<> PC2

Realtime Simulation										
Scenario 0	Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Ed
New	Successful		PC0	PC1	ICMP		0.000	N	0	(e
Delete	Successful		PC1	PC2	ICMP		0.000	N	1	(e
Toggle PDU List Window										
	Successful		PC0	PC2	ICMP		0.000	N	2	(e

Simulation

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC0	ICMP
	0.000	--	PC1	ICMP
	0.000	--	PC0	ICMP

Reset Simulation

☒ Constant Delay

Captured to: 0.000 s

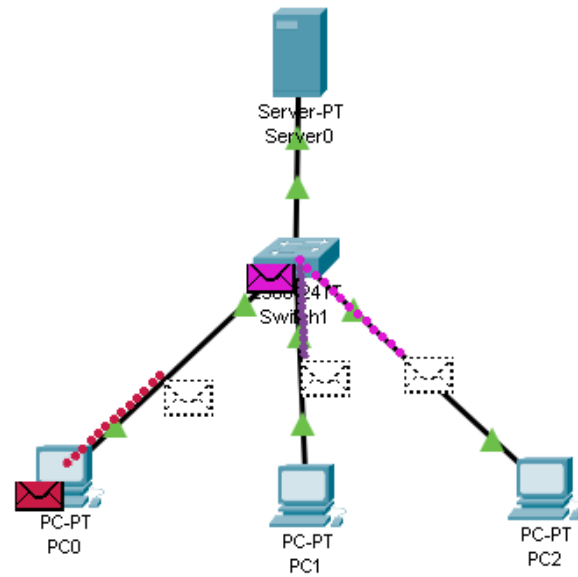
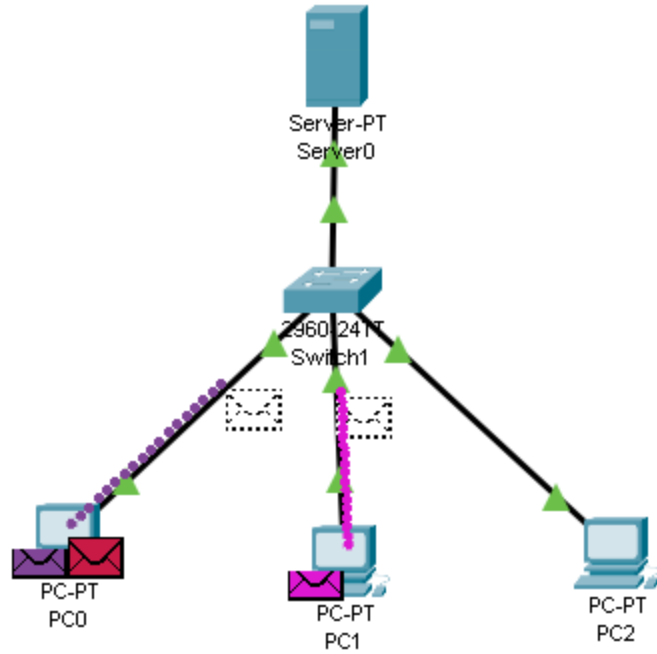
Play Controls

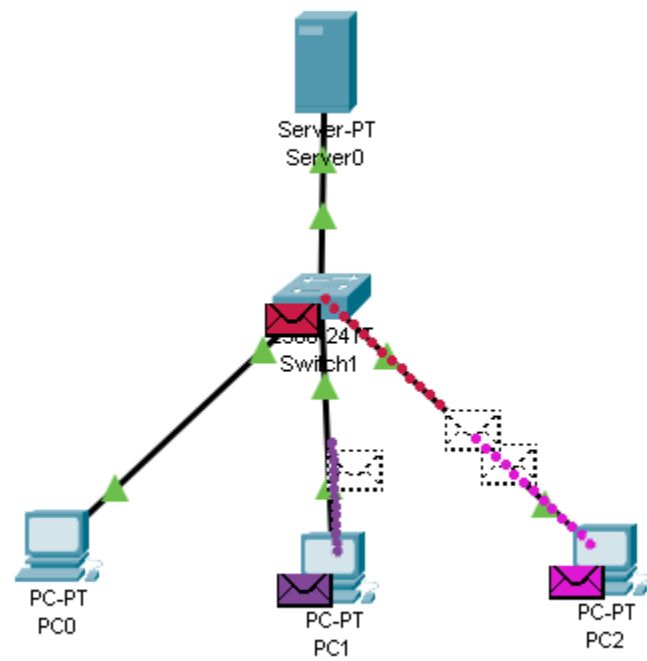
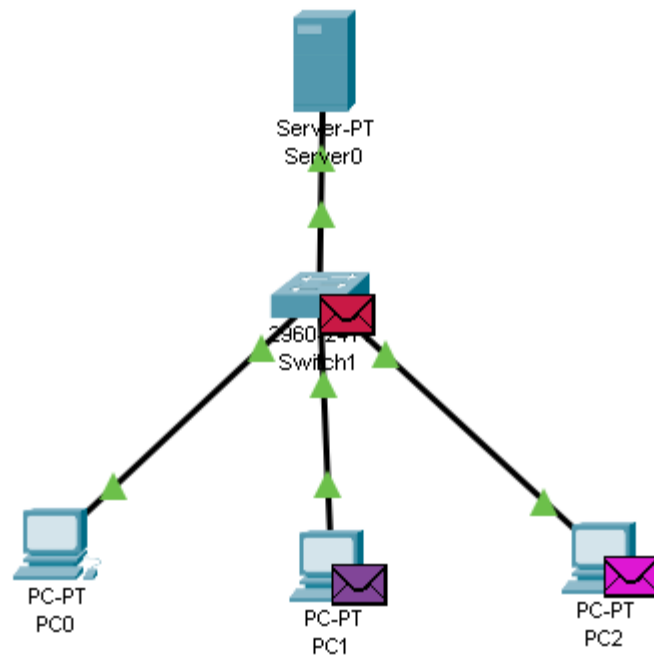
Event List Filters - Visible Events

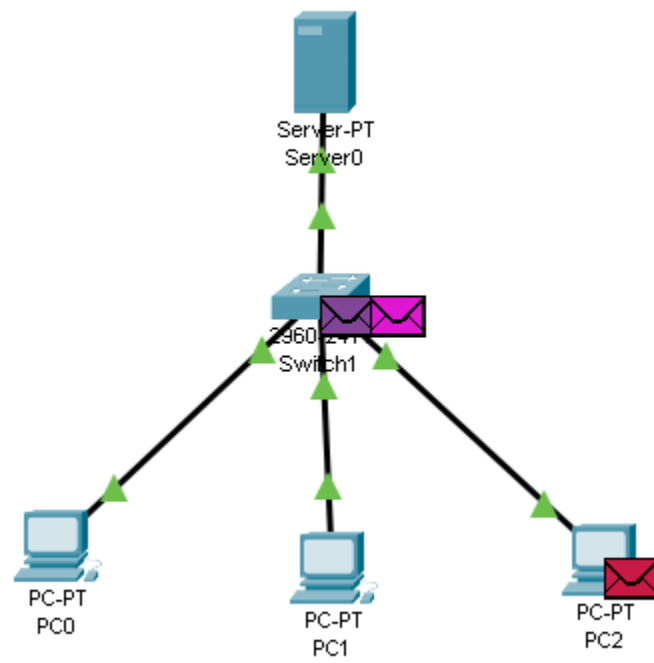
ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPng, RTP, SCCP, SMTP, SNMP,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

Edit Filters

Show All/None







[Root]

05:09:00

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
	0.000	--	PC0	ICMP
	0.000	--	PC1	ICMP
	0.000	--	PC0	ICMP
	0.001	PC0	Switch1	ICMP
	0.001	PC1	Switch1	ICMP
	0.001	--	PC0	ICMP
	0.002	PC0	Switch1	ICMP
	0.002	Switch1	PC1	ICMP
	0.002	Switch1	PC2	ICMP
	0.003	Switch1	PC2	ICMP

Reset Simulation

☒ Constant Delay

Captured to:
13.022 s

Play Controls

Event List Filters - Visible Events