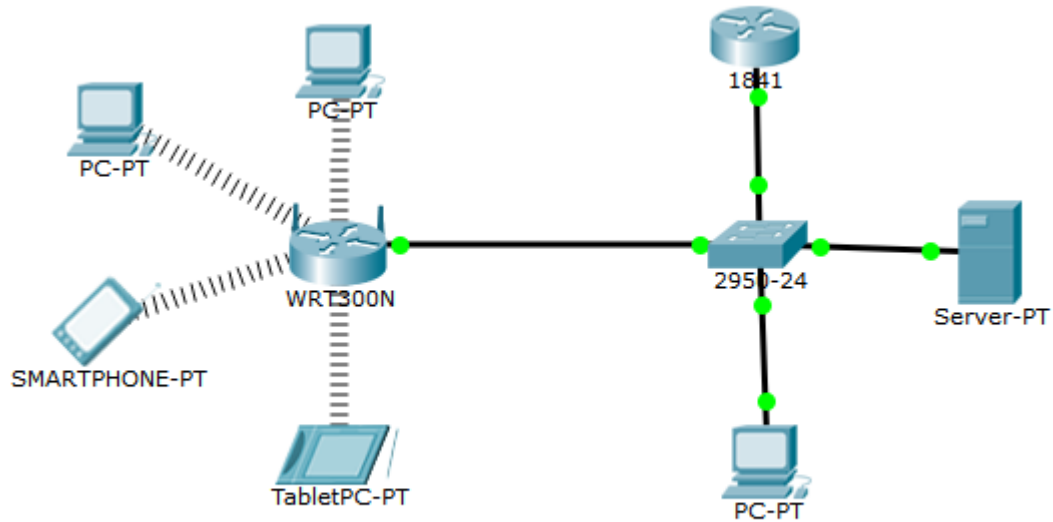


QUESTION NO 01

TOPOLOGY



CONFIGURATION

WIRELESS ROUTER

Internet Settings

IP Configuration

- ☐ DHCP
☒ Static
☐ PPPoE

UserName

Password

Default Gateway

IP Address

Subnet Mask

DNS Server

192.168.1.1

192.168.1.2

255.255.255.0

192.168.1.4

Wireless Settings	
SSID	K191048_Amman
Channel	1
Authentication	
<input type="radio"/> Disabled	<input checked="" type="radio"/> WEP
WEP Key	
1910481912	
<input type="radio"/> WPA-PSK	<input type="radio"/> WPA2-PSK
PSK Pass Phrase	
<input type="radio"/> WPA	<input type="radio"/> WPA2
RADIUS Server Settings	
IP Address	
Shared Secret	
Encryption Type	40/64-Bits (10 Hex digits)

Internet Setup	
Internet Connection type	Static IP
Optional Settings (required by some internet service providers)	Internet IP Address:
	192 . 168 . 1 . 2
	Subnet Mask:
	255 . 255 . 255 . 0
	Default Gateway:
	192 . 168 . 1 . 1
	DNS 1:
192 . 168 . 1 . 4	
DNS 2 (Optional):	
0 . 0 . 0 . 0	
DNS 3 (Optional):	
0 . 0 . 0 . 0	
Host Name:	
	Domain Name:
	MTU:
	Size: 1500
Network Setup	
Router IP	IP Address:
	192 . 168 . 0 . 1
	Subnet Mask:
	255.255.255.0

Wireless-N Broadband Router Firmware Version: v0.93.3

Wireless Setup Wireless Security Access Restrictions Applications & Gaming Administration Status

Basic Wireless Settings Wireless Security Wireless MAC Filter Advanced Wireless Settings

Basic Wireless Settings

Network Mode: Mixed

Network Name (SSID): K191048_Amman

Radio Band: Auto

Wide Channel: Auto

Standard Channel: 1 - 2.412GHz

SSID Broadcast: ☒ **Enabled** ☐ **Disabled**

Save Settings Cancel Changes

[Help...](#)

WIRELESS DEVICES CONFIGURATION

PC1

Physical Config Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Wireless0

Port Status ☒ On

Bandwidth 300 Mbps

MAC Address 0000.0C22.9CB8

SSID K191048_Amman

Authentication

☐ Disabled ☒ WEP ☐ WPA-PSK ☐ WPA2-PSK PSK Pass Phrase

WEP Key 1910481912

User ID

WPA ☐ WPA2 ☐ Password

Encryption Type 40/64-Bits (10 Hex digits)

IP Configuration

☒ DHCP ☐ Static

IP Address 192.168.0.101

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

PC0

Physical Config Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Wireless0

Port Status ☒ On

Bandwidth 300 Mbps

MAC Address 00E0.A3DC.5403

SSID K191048_Amman

Authentication

☐ Disabled ☒ WEP WEP Key 1910481912

☐ WPA-PSK ☐ WPA2-PSK PSK Pass Phrase

☐ WPA ☐ WPA2 User ID

Password

Encryption Type 40/64-Bits (10 Hex digits)

IP Configuration

☒ DHCP

☐ Static

IP Address 192.168.0.102

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

Pda0

Physical Config Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Wireless0

Port Status ☒ On

Bandwidth 54 Mbps

MAC Address 0004.9A32.CCB9

SSID K191048_Amman

Authentication

☐ Disabled ☒ WEP WEP Key 1910481912

☐ WPA-PSK ☐ WPA2-PSK PSK Pass Phrase

☐ WPA ☐ WPA2 User ID

Password

Encryption Type 40/64-Bits (10 Hex digits)

IP Configuration

☒ DHCP

☐ Static

IP Address 192.168.0.107

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP

☐ Auto Config

☒ Static

Tablet PC0

Physical Config Desktop Custom Interface

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Wireless0

Port Status ☒ On

Bandwidth 54 Mbps

MAC Address 0002.17A3.BCDB

SSID K191048_Amman

Authentication

☐ Disabled ☒ WEP WEP Key 1910481912

☐ WPA-PSK ☐ WPA2-PSK PSK Pass Phrase

☐ WPA ☐ WPA2 User ID

Password

Encryption Type 40/64-Bits (10 Hex digits)

IP Configuration

☒ DHCP

☐ Static

IP Address 192.168.0.105

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP

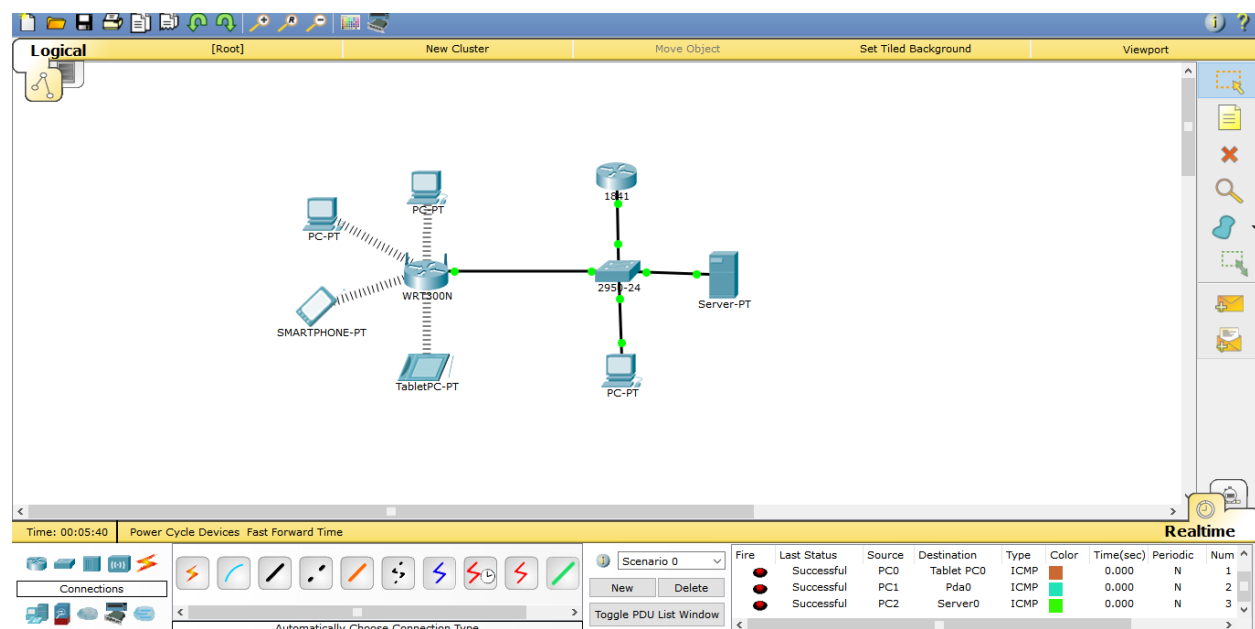
☐ Auto Config

☒ Static

ROUTER CONFIGURATION

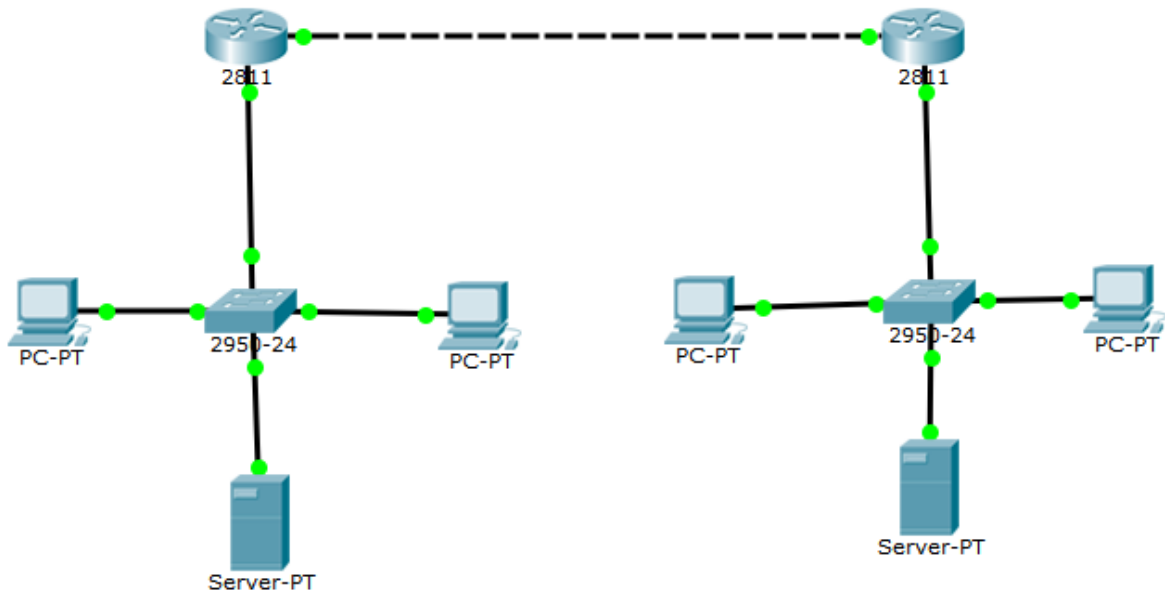
FastEthernet0/0	
Port Status	<input checked="" type="checkbox"/> On
Bandwidth	<input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto
Duplex	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
MAC Address	0060.4786.6201
IP Configuration	
IP Address	192.168.1.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

CONFIGURATION SUCCESSFUL



QUESTION NO 02

TOPOLOGY



CONFIGURATION

ROUTER01

Network Address
10.0.0.0/24 via 10.49.1.2

IP Configuration

IP Address	192.168.10.1
Subnet Mask	255.255.255.0

IP Configuration

IP Address	10.49.1.1
Subnet Mask	255.255.255.0

ROUTER 02

IP Configuration	
IP Address	10.0.0.1
Subnet Mask	255.255.255.0

IP Configuration	
IP Address	10.49.1.2
Subnet Mask	255.255.255.0

MAIL SERVER

Gateway/DNS	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
Gateway	192.168.10.1
DNS Server	10.0.0.4

Mail_Server

Physical Config Services Desktop Custom Interface

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP

EMAIL

SMTP Service ☒ ON ☐ OFF

POP3 Service ☒ ON ☐ OFF





Domain Name: gmail.com Set

User Setup

User User1 Password 1234

User1
User2

CONFIGURATION SUCCESSFUL

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	Successful	PC0	PC1	ICMP		0.000	N	0
	Successful	PC2	PC3	ICMP		0.000	N	1