

202051136

Patel Jaykumar Girishbhai

CS361

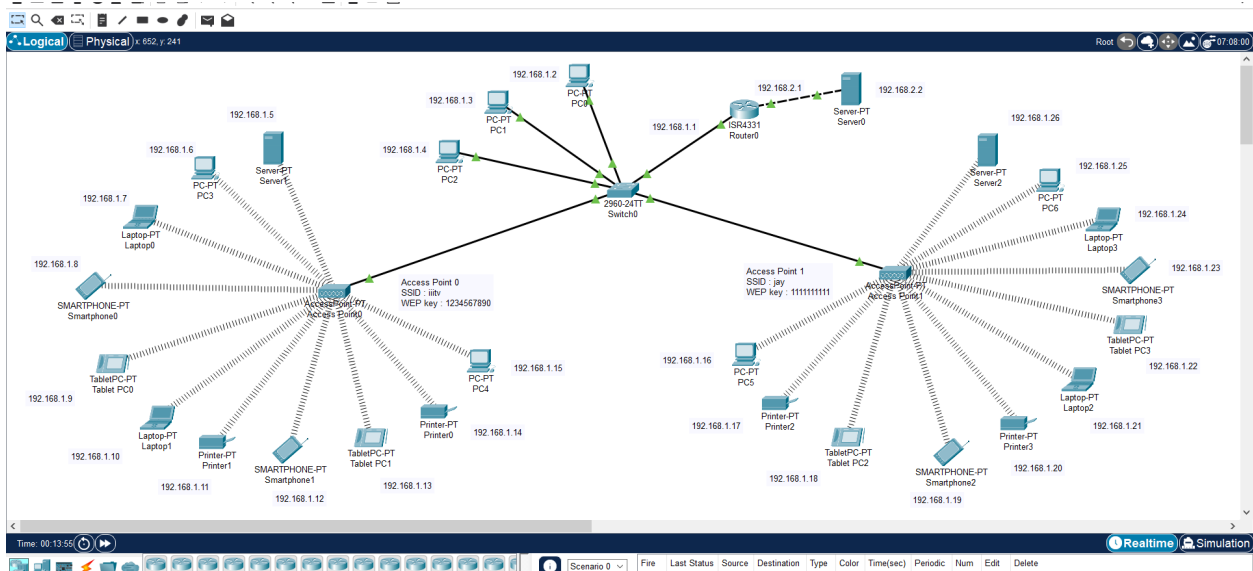
COMP NETWORK

LAB 8

LAB 8

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- 1) create a network between 3 pcs ,Switch ,Router and server .
- 2) And take two wireless access points and connect them to switch .
- 3) Connect at least 10 wireless devices (wireless desktop ,Laptop, printers, wireless mobile, tabs & etc..) to each access point
- 4)connect a wireless server to access point 0 & access point 1.



PC0

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.1.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::230:A3FF:FEBA:D1D3

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

Access Point0

Physical

Config

Attributes

GLOBAL

Settings

INTERFACE

Port 0

Port 1

Port 1

Port 1

Port Status

On

SSID

iiitv

2.4 GHz Channel

6

Coverage Range (meters)

140.00

Authentication

Disabled

WEP

WPA-PSK

WPA2-PSK

WEP Key

1234567890

PSK Pass Phrase

User ID

Password

Encryption Type

40/64-Bits (10 Hex digits)

Top

Logical Physical © 200, y. 202

Access Point1

Physical Config Attributes

GLOBAL Settings

INTERFACE

Port 0

Port 1

Port Status ☒ On

SSID jay

2.4 GHz Channel 6

Coverage Range (meters) 140.00

Authentication

☐ Disabled ☒ WEP ☐ WPA-PSK ☐ WPA2-PSK

WEP Key 1111111111

PSK Pass Phrase

User ID

Password

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

Top

Time: 00:18:52

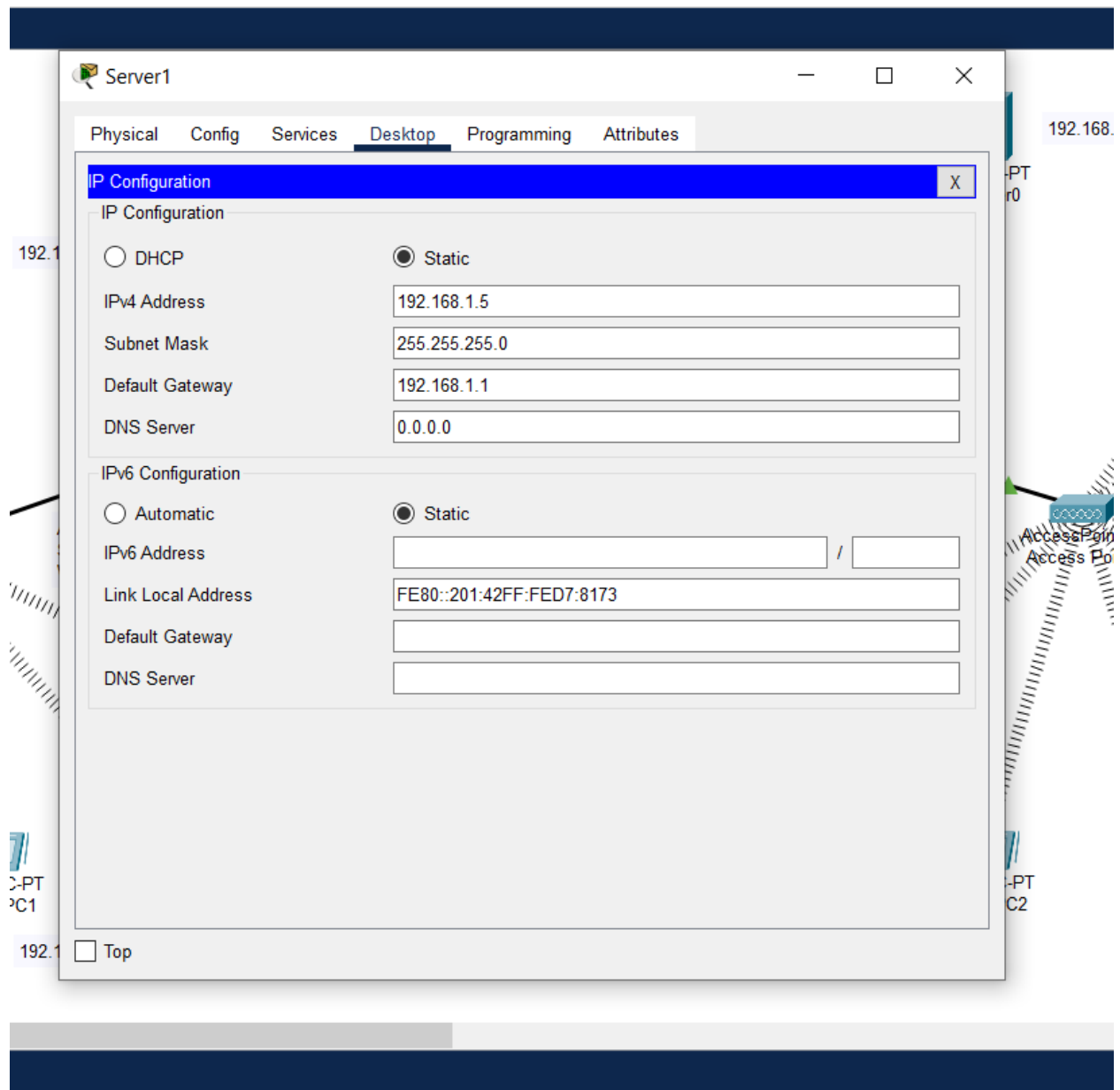
Scenario 0

New Delete

Toggle PDU List Window

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

2811 IOS15



Server1

Physical

Config

Services

Desktop

Programming

Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

Wireless0

Bandwidth

54 Mbps

MAC Address

0001.42D7.8173

SSID

iiitv

Authentication

☐ Disabled

☒ WEP

WEP Key

1234567890

☐ WPA-PSK

☐ WPA2-PSK

PSK Pass Phrase

☐ WPA

☐ WPA2

User ID

☐ 802.1X

Method:

MD5

User Name

Password

Password

Encryption Type

40/64-Bits (10 Hex digits)

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.5

Subnet Mask

255.255.255.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

☐ Top

Server2

Physical Config Services **Desktop** Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address 192.168.1.26

Subnet Mask 255.255.255.0

Default Gateway 192.168.1.1

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

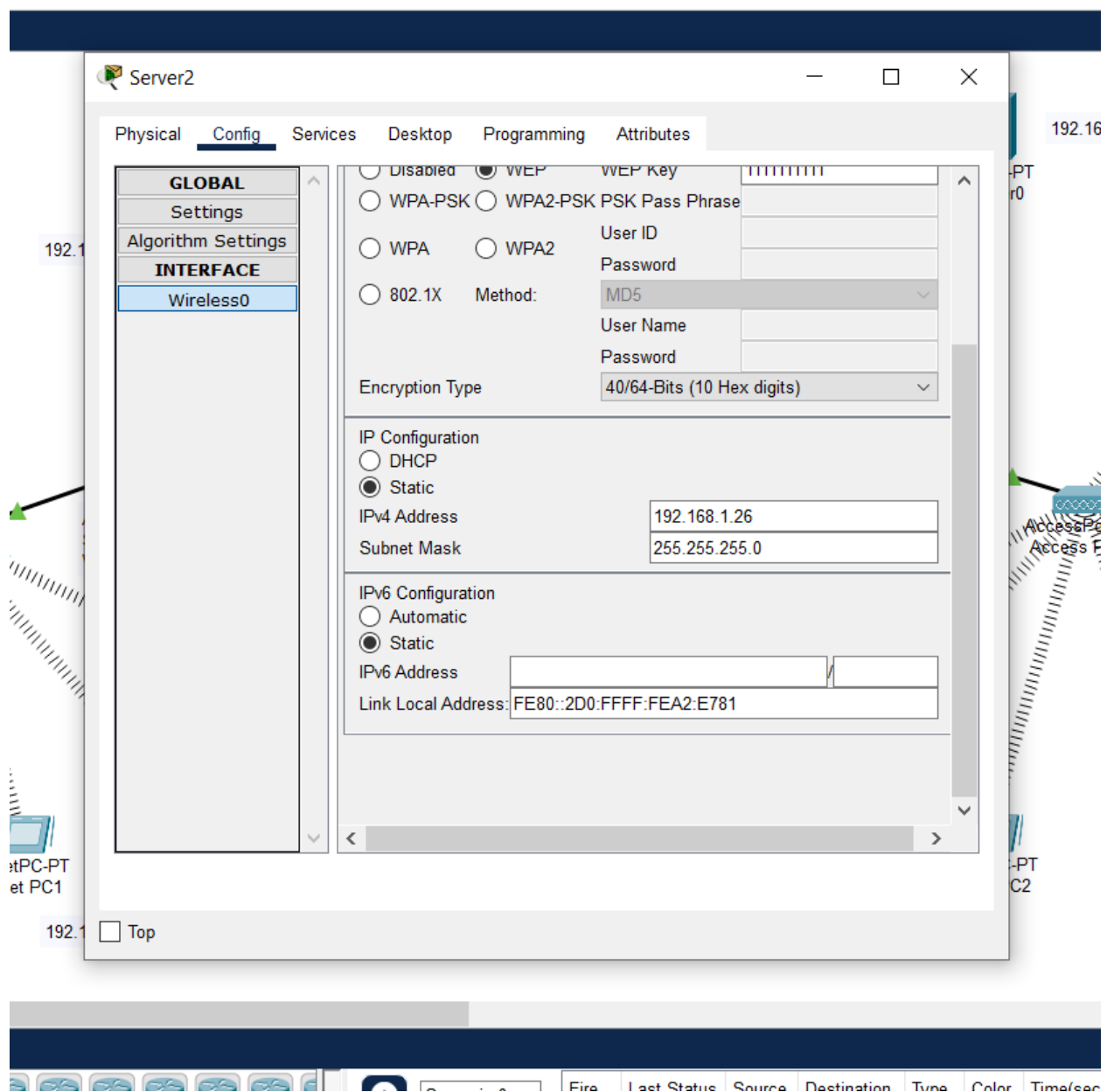
IPv6 Address /

Link Local Address FE80::2D0:FFFF:FEA2:E781

Default Gateway

DNS Server

Top



PC3

Physical

Config

Desktop

Programming

Attributes

192.

PT
r0

Access
Access

PT
C2

MODULES

WMP300N

PT-HOST-NM-1AM

PT-HOST-NM-1CE

PT-HOST-NM-1CFE

PT-HOST-NM-1CGE

PT-HOST-NM-1FFE

PT-HOST-NM-1FGE

PT-HOST-NM-1W

PT-HOST-NM-1W-A

PT-HOST-NM-1W-AC

PT-HOST-NM-3G/4G

PT-HOST-NM-COVER

PT-HEADPHONE


PT-MICROPHONE

Physical Device View


Zoom In

Original Size


Zoom Out




Customize
Icon in
Physical View



Customize
Icon in
Logical View



The WMP300N module provides one 2.4GHz wireless interface suitable for connection to wireless networks. The module supports protocols that use Ethernet for LAN access.



Top

Laptop0

Physical

Config

Desktop

Programming

Attributes

MODULES

WPC300N

PT-LAPTOP-NM-1AM

PT-LAPTOP-NM-1CE

PT-LAPTOP-NM-1CFE

PT-LAPTOP-NM-1CGE

PT-LAPTOP-NM-1FFE

PT-LAPTOP-NM-1FGE

PT-LAPTOP-NM-1W

PT-LAPTOP-NM-1W-A

PT-LAPTOP-NM-1W-AC

PT-LAPTOP-NM-3G/4G

PT-HEADPHONE


PT-MICROPHONE

Physical Device View

Zoom In

Original Size


Zoom Out



Customize Icon in Physical View

Customize Icon in Logical View

The Linksys-WPC300N module provides one 2.4GHz wireless interface suitable for connection to wireless networks. The module supports protocols that use Ethernet for LAN access.



Top

192

PT
r0

Access
Access

PT
C2

Printer2

Physical

Config

Attributes

MODULES

WMP300N

PT-HOST-NM-1CE

PT-HOST-NM-1CFE

PT-HOST-NM-1CGE

PT-HOST-NM-1FFE

PT-HOST-NM-1FGE

PT-HOST-NM-1W

PT-HOST-NM-1W-A

PT-HOST-NM-1W-AC

PT-HOST-NM-3G/4G


PT-HOST-NM-COVER

Physical Device View

Zoom In

Original Size


Zoom Out



Customize Icon in Physical View

Customize Icon in Logical View

The WMP300N module provides one 2.4GHz wireless interface suitable for connection to wireless networks. The module supports protocols that use Ethernet for LAN access.



☐ Top

Server2

PhysicalConfigServicesDesktopProgrammingAttributes

MODULES

WMP300N

PT-HOST-NM-1CE

PT-HOST-NM-1CFE

PT-HOST-NM-1CGE

PT-HOST-NM-1FFE

PT-HOST-NM-1FGE

PT-HOST-NM-1W

PT-HOST-NM-1W-A

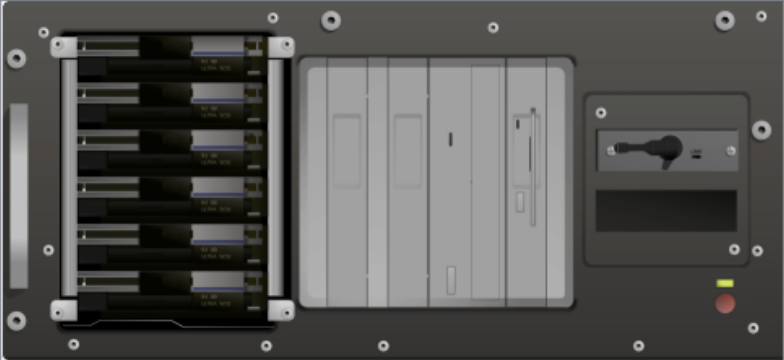
PT-HOST-NM-1W-AC

PT-HOST-NM-3G/4G

PT-HOST-NM-COVER


Physical Device View

Zoom InOriginal SizeZoom Out



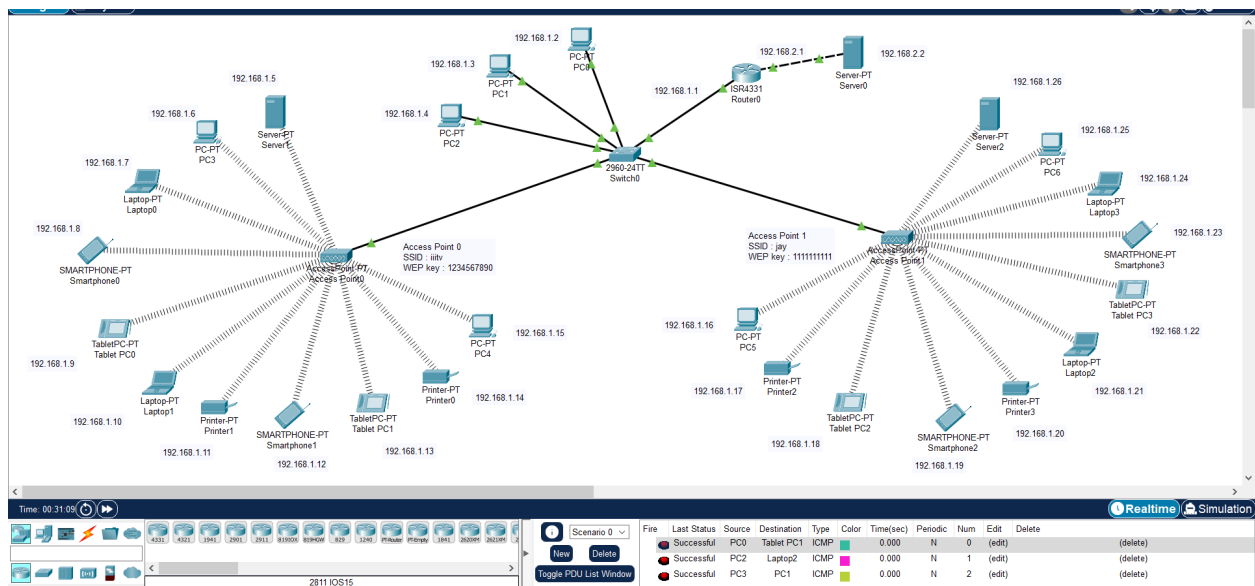
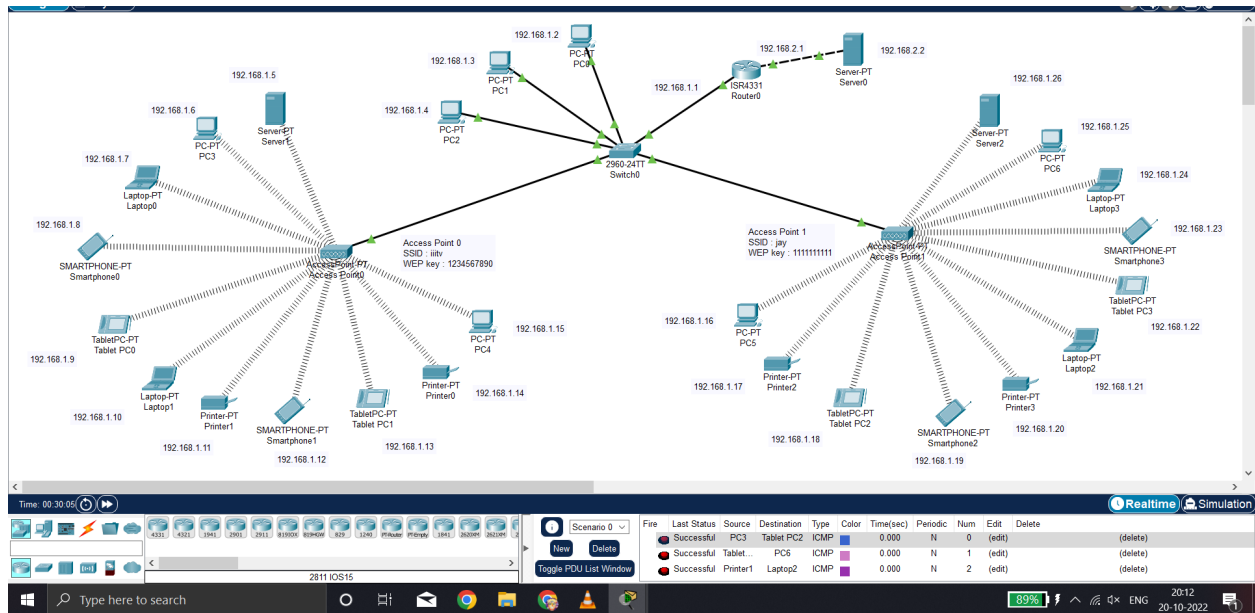
Customize Icon in Physical ViewCustomize Icon in Logical View

The WMP300N module provides one 2.4GHz wireless interface suitable for connection to wireless networks. The module supports protocols that use Ethernet for LAN access.







☐ Top

Realtime Simulation										
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC3	Tablet PC2	ICMP		0.000	N	0	(edit)	(delete)
	Successful	Tablet...	PC6	ICMP		0.000	N	1	(edit)	(delete)
	Successful	Printer1	Laptop2	ICMP		0.000	N	2	(edit)	(delete)






Realtime

Simulation

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Failed	Server0	Laptop1	ICMP		0.000	N	0	(edit)	(delete)
	Successful	Server0	Laptop1	ICMP		0.000	N	1	(edit)	(delete)

89%

 ENG

20:14
20-10-2022

The first one shows failed, but after making the route it shows success