

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

In questa fase ho aggiunto gli elementi e ho creato i collegamenti tra di loro

Laptop0

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.100.100

Subnet Mask

255.255.255.0

Default Gateway

192.168.100.254

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::20A:F3FF:FE12:BD03

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

Laptop1

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.100.102

Subnet Mask

255.255.255.0

Default Gateway

192.168.100.254

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

Link Local Address

FE80::201:42FF:FE80:DC47

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

PC0

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.100.103

Subnet Mask

255.255.255.0

Default Gateway

192.168.100.254

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::240:BFF:FE43:2702

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

Laptop2

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

InterfaceFastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

192.168.200.100

Subnet Mask

255.255.255.0

Default Gateway

192.168.200.254

DNS Server

0.0.0.0

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::260:5CFF:FEC9:C39C

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

Fire

Last Status

Source

Destination

Type

Color

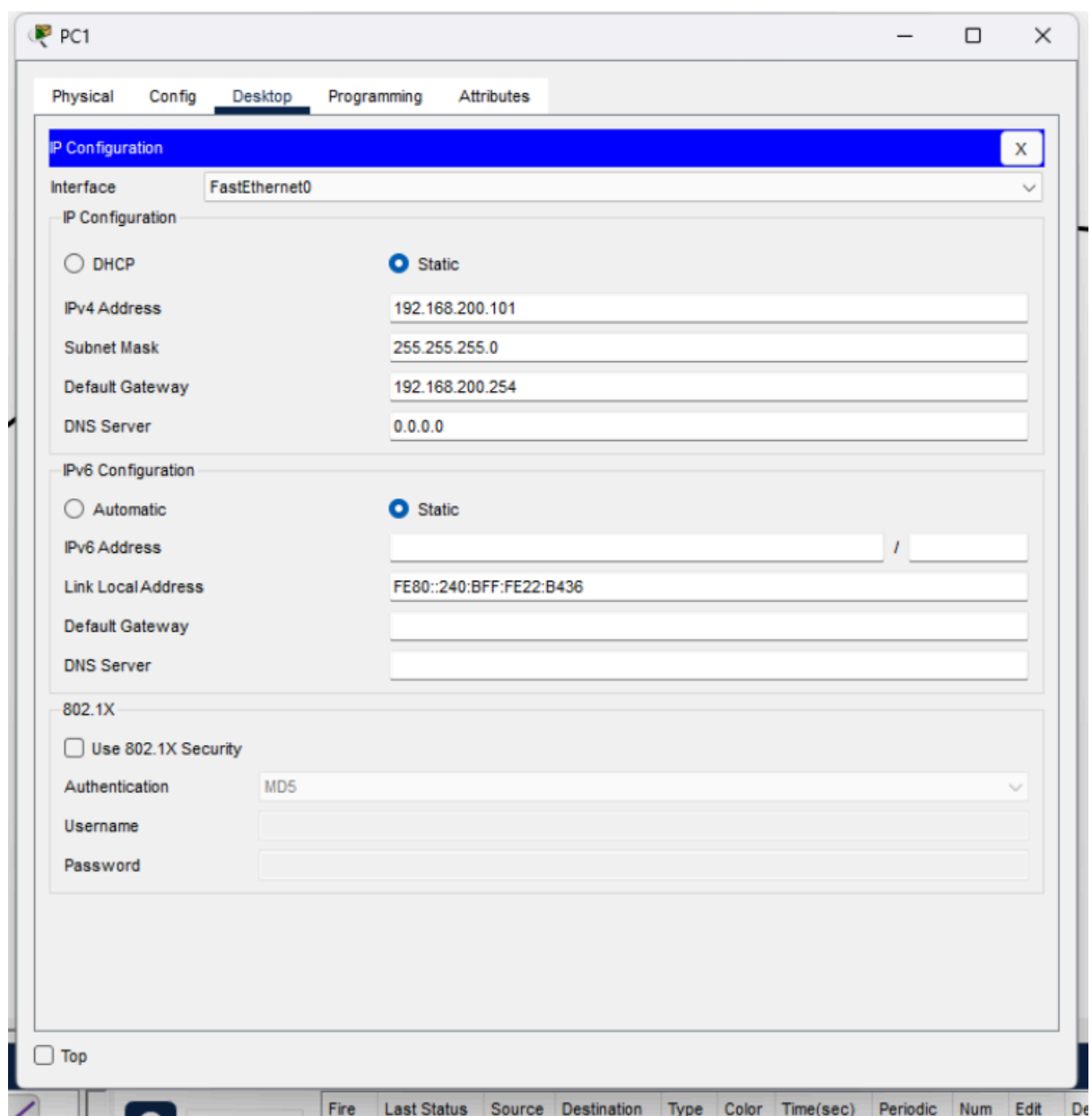
Time(sec)

Periodic

Num

Edit

Delete



in questa fase ho configurato gli IP delle macchine come da esercizio andando su desktop Ip configuration

Router0

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

GigabitEthernet0/0/0

GigabitEthernet0/0/1

GigabitEthernet0/0/2

GigabitEthernet0/0/0

Port Status

On

Bandwidth

1000 Mbps100 Mbps10 MbpsAuto

Duplex

Half DuplexFull DuplexAuto

MAC Address0002.4A25.0501

IP Configuration

IPv4 Address192.168.100.254

Subnet Mask255.255.255.0

Tx Ring Limit10

Equivalent IOS Commands

Enter configuration commands, one per line. End with CNTRL-Z.
Router(config)#interface GigabitEthernet0/0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/1
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/1
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/0
Router(config-if)#

Top

Scenario 0

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	Laptop0	Laptop2	ICMP		0.000	N	0	(edit)	

The screenshot shows the configuration window for Router0. The 'Config' tab is active, and the 'INTERFACE' section is selected in the left sidebar. The configuration for GigabitEthernet0/0/1 is displayed on the right. The port status is 'On', bandwidth is '100 Mbps', duplex is 'Full Duplex', and MAC address is '0002.4A25.0502'. The IP configuration shows an IPv4 address of '192.168.200.254' and a subnet mask of '255.255.255.0'. The Tx Ring Limit is set to '10'.

Equivalent IOS Commands:

```

Router(config)#interface GigabitEthernet0/0/1
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/1
Router(config-if)#
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/0/1
Router(config-if)#
  
```

At the bottom of the window, there is a 'Top' button and a table showing the status of the configuration.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	D
	Successful	Laptop0	Laptop2	ICMP		0.000	N	0	(edit)	

poi ho configurato gli IP delle interfacce del router con gli IP

Laptop0

PhysicalConfigDesktopProgrammingAttributes

IP Configuration

InterfaceFastEthernet0

IP Configuration

☐ DHCP

☒ Static

IPv4 Address192.168.100.100

Subnet Mask255.255.255.0

Default Gateway192.168.100.254

DNS Server0.0.0.0

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

Link Local AddressFE80::20A:F3FF:FE12:BDD3

Default Gateway

DNS Server

802.1X

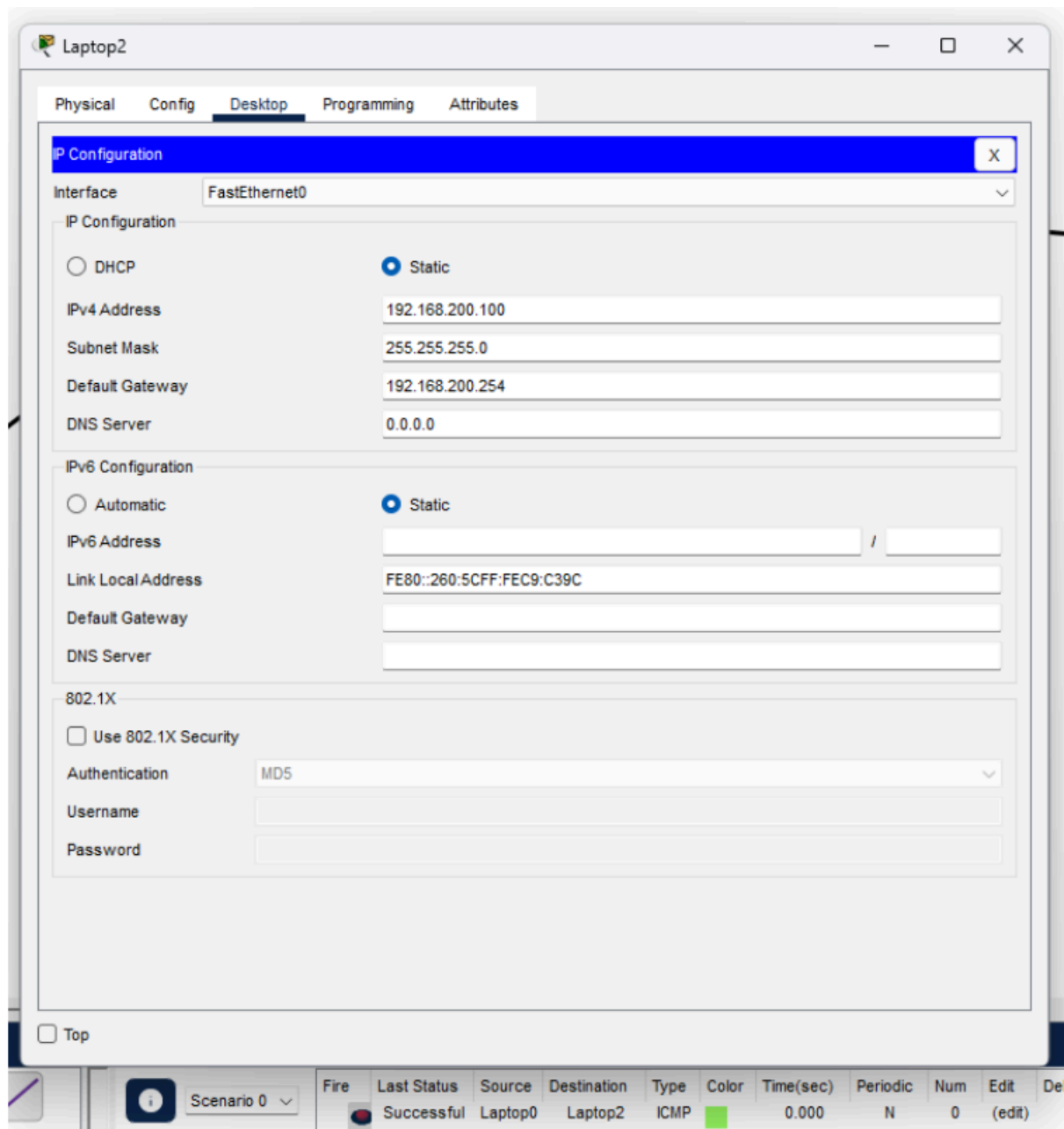
☐ Use 802.1X Security

AuthenticationMD5

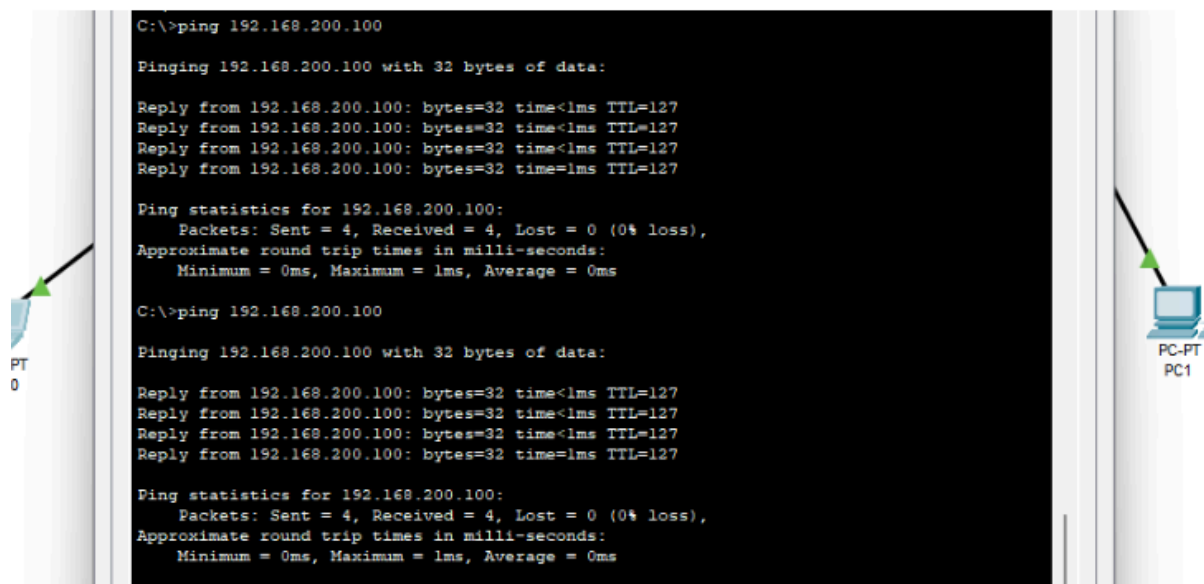
Username

Password

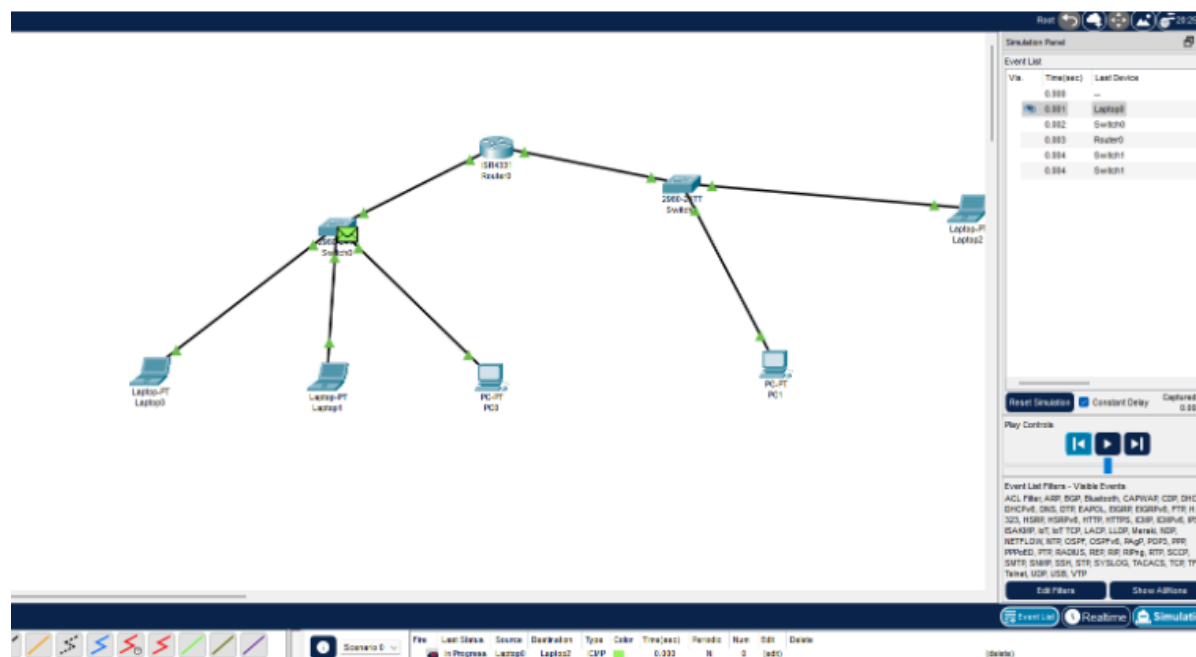
☐ Top

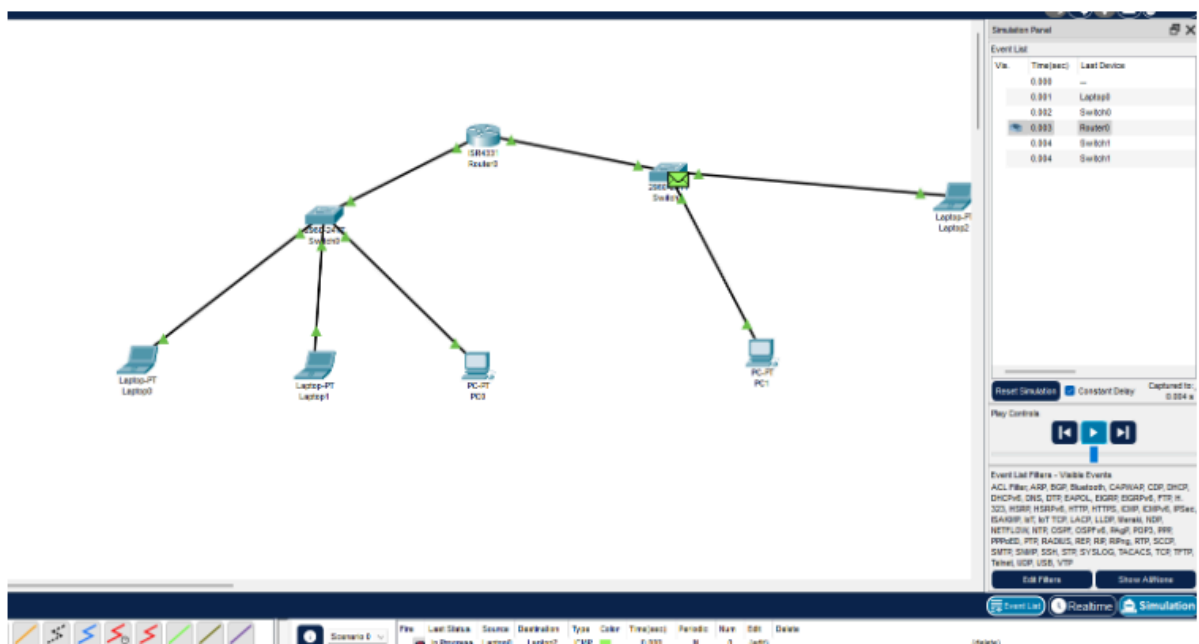


poi ho configurato il default Gateway per far comunicare il router con le 2 reti



poi ho effettuato il controllo del ping dal prompt dei comandi





quarto salto (hop) sorgente swicth 1 (MAC) e destinatario laptop 2 (MAC)