

## Configurazione DHCP Server

DHCP Server

Physical Config Services Desktop Programming Attributes

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.0.1

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 192.168.0.4

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::260:2FFF:FE4A:1468

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

Top

DHCP Server

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: serverPool

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

Start IP Address: 192 168 0 0

Subnet Mask: 255 255 255 0

Maximum Number of Users: 512

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

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	192.168.0.0	255.255.255.0	512	0.0.0.0	0.0.0.0

Top

## Configurazione HTTP Server

Physical Config Services Desktop Programming Attributes

IP Configuration

DHCP

Static

IPV4 Address192.168.0.5

Subnet Mask255.255.255.0

Default Gateway0.0.0.0

DNS Server192.168.0.4

Automatic

Static

IPV6 Address

Link Local AddressFE80::202:17FF:FE50:3A67

Default Gateway

DNS Server

802.1X

Use 802.1X Security

AuthenticationMD5

Username

Password

Top

Physical Config Services Desktop Programming Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

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FTP

IoT

VM Management

Radius EAP

HTTP

HTTPSDHCPDHCPv6TFTPDNSSYSLOGAAANTPEMAILFTPIoTVM ManagementRadius EAP

File Manager

No.	File Name	Edit	Delete
1	copyrights.html	(edit)	(delete)
2	cscoptlogo177x111.jpg		(delete)
3	helloworld.html	(edit)	(delete)
4	image.html	(edit)	(delete)
5	index.html	(edit)	(delete)

New File

Import

Top

## Configurazione DNS Server

Physical Config Services Desktop Programming Attributes

IP Configuration

DHCP

Static

IPV4 Address192.168.0.4

Subnet Mask255.255.255.0

Default Gateway0.0.0.0

DNS Server0.0.0.0

Automatic

Static

IPV6 Address

Link Local AddressFE80::201:42FF:FE00:E094

Default Gateway

DNS Server

802.1X

Use 802.1X Security

AuthenticationMD5

Username

Password

Top

Physical Config Services Desktop Programming Attributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DNS

DNS Service

Resource Records

Nameepicode.internalTypeA Record

Address192.168.0.5

Add

Save

Remove

No.	Name	Type	Detail
0	epicode.internal	A Record	192.168.0.5

DNS Cache

Top

## Configurazione Laptop

Physical   Config   **Desktop**   Programming   Attributes

**IP Configuration** X

Interface: **FastEthernet0**

**IP Configuration**

☒ DHCP      ☐ Static

IPv4 Address: 192.168.0.2

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 192.168.0.4

**IPv6 Configuration**

☐ Automatic      ☒ Static

IPv6 Address: /

Link Local Address: FE80::2D0:D3FF:FE92:2430

Default Gateway:

DNS Server:

**802.1X**

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

Physical Config **Desktop** Programming Attributes

IP Configuration [X]

Interface: FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address: 192.168.0.3

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 192.168.0.4

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::290:21FF:FE92:7337

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

## ip config Laptop0

Logical Physical x: 647, y: 337

192.168.0.1

Server-PT  
DHCP Server

2960-24TT  
Switch0

2960-24TT  
Switch4

Laptop-PT  
Laptop0

192.168.0.2

Laptop-PT  
Laptop1

192.168.0.3

192.168.0.0/24

Laptop0

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

Connection-specific DNS Suffix.:
Link-local IPv6 Address.....: FE80::2D0:D3FF:FE92:2430
IPv6 Address.....: ::
IPv4 Address.....: 192.168.0.2
Subnet Mask.....: 255.255.255.0
Default Gateway.....: ::
0.0.0.0

Bluetooth Connection:

Connection-specific DNS Suffix.:
Link-local IPv6 Address.....: ::
IPv6 Address.....: ::
IPv4 Address.....: 0.0.0.0
Subnet Mask.....: 0.0.0.0
Default Gateway.....: ::
0.0.0.0

C:\>
```

## ip config Laptop1

Logical Physical x: 647, y: 335

192.168.0.1

Server-PT  
DHCP Server

2960-24TT  
Switch0

2960-24TT  
Switch4

Laptop-PT  
Laptop0

192.168.0.2

Laptop-PT  
Laptop1

192.168.0.3

192.168.0.0/24

Laptop1

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

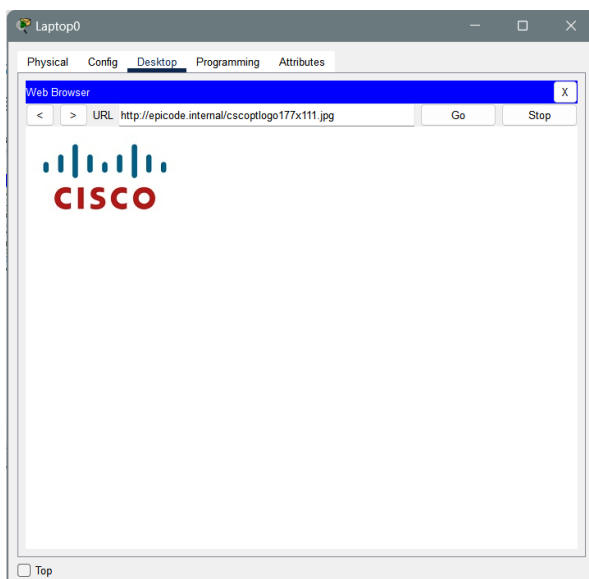
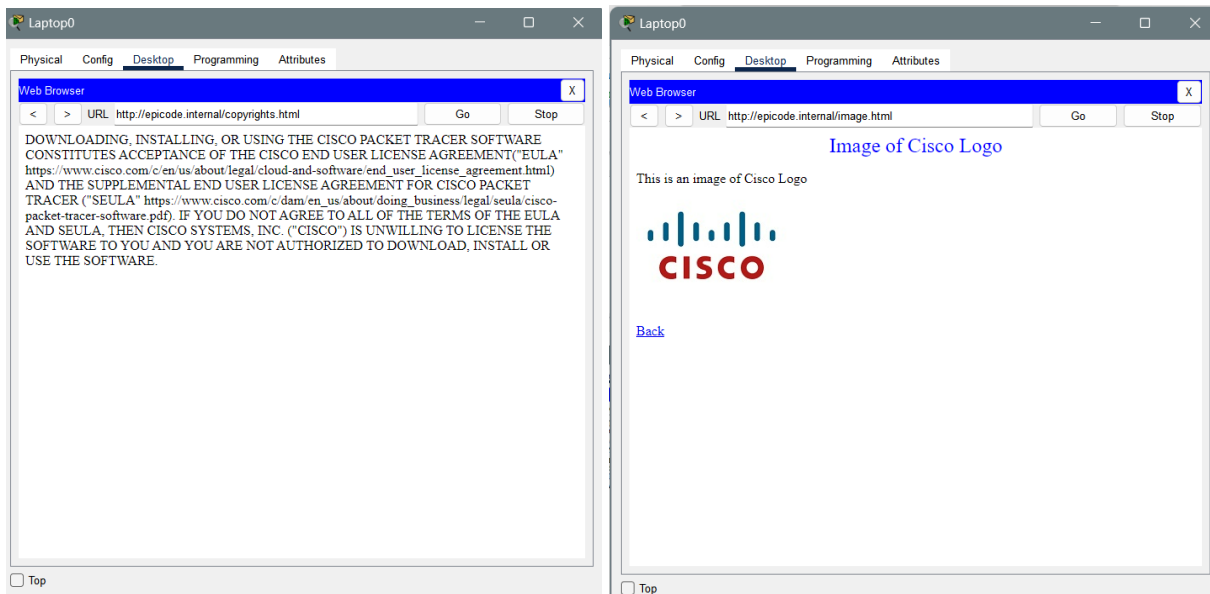
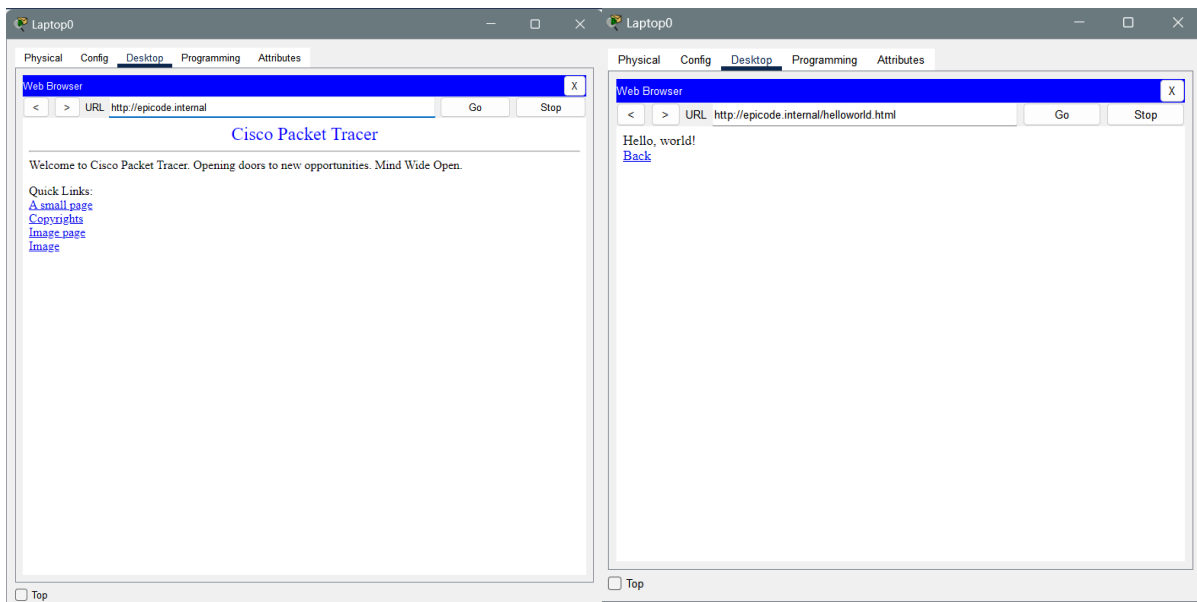
Connection-specific DNS Suffix.:
Link-local IPv6 Address.....: FE80::290:21FF:FE92:7337
IPv6 Address.....: ::
IPv4 Address.....: 192.168.0.3
Subnet Mask.....: 255.255.255.0
Default Gateway.....: ::
0.0.0.0

Bluetooth Connection:

Connection-specific DNS Suffix.:
Link-local IPv6 Address.....: ::
IPv6 Address.....: ::
IPv4 Address.....: 0.0.0.0
Subnet Mask.....: 0.0.0.0
Default Gateway.....: ::
0.0.0.0

C:\>
```

## DNS Test



Laptop1

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection: (default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: FE80::290:21FF:FE92:7337
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 192.168.0.3
    Subnet Mask . . . . .: 255.255.255.0
    Default Gateway . . . . .: ::
                                0.0.0.0

Bluetooth Connection:

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .:
    IPv6 Address . . . . .:
    IPv4 Address . . . . .: 0.0.0.0
    Subnet Mask . . . . .: 0.0.0.0
    Default Gateway . . . . .: ::
                                0.0.0.0

C:\>nslookup epicode.internal 192.168.0.4

Server: [192.168.0.4]
Address: 192.168.0.4

Non-authoritative answer:
Name:   epicode.internal
Address: 192.168.0.5

C:\>
```