

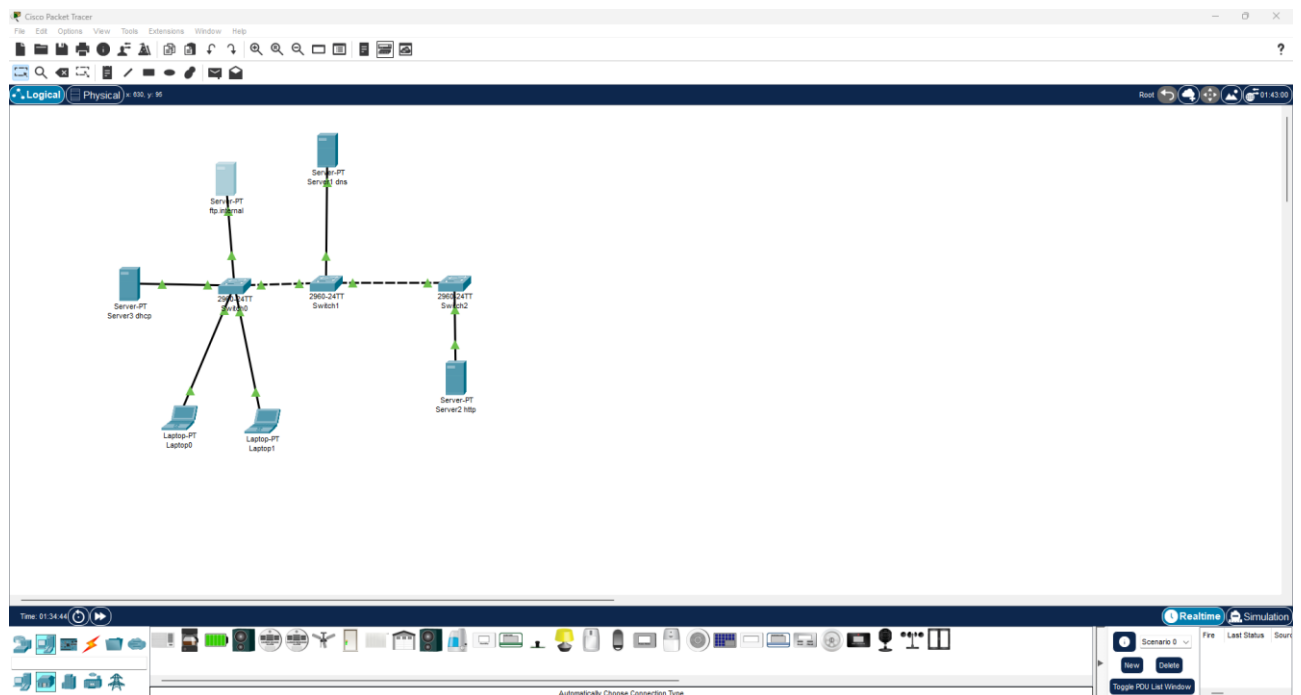
Esercizio W3-D2 pratica:

1. Configurazione di un servizio DHCP
2. Configurazione di un servizio DNS
3. Configurazione di un servizio HTTP

Lo studente dovrà:

1. Configurare almeno 2 client in modo tale da ricevere IP dal server DHCP
2. Configurare un «record A» sul server DNS in modo tale da associare il nome «epicode.internal» all'IP del server http
3. Fare ipconfig dai due client
4. Fare un test per controllare se il DNS mi risolve correttamente epicode.internal
 - 1) andando sul sito web
 - 2) chiedendo la risoluzione da un client

Configurazione rete:



Laptop 0:

Laptop0

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

10.13.37.254

Subnet Mask

255.255.255.0

Default Gateway

10.13.37.1

DNS Server

10.13.37.2

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::201:63FF:FE17:22BA

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

Laptop 1

Laptop1

Physical

Config

Desktop

Programming

Attributes

IP Configuration

X

Interface

FastEthernet0

IP Configuration

DHCP

Static

IPv4 Address

10.13.37.253

Subnet Mask

255.255.255.0

Default Gateway

10.13.37.1

DNS Server

10.13.37.2

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::2E0:F9FF:FE21:15A0

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MD5

Username

Password

Top

Server dhcp

Server3 dhcp

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP

DHCP

InterfaceFastEthernet0ServiceOnOff
Pool NameserverPool
Default Gateway10.13.37.1
DNS Server10.13.37.2
Start IP Address : 101337252
Subnet Mask: 2552552550
Maximum Number of Users : 3
TFTP Server: 0.0.0.0
WLC Address: 0.0.0.0

AddSaveRemove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	10.13.37.1	10.13.37.2	10.13.37...	255.255....	3	0.0.0.0	0.0.0.0

Top

Server dns

Server1 dns

Physical Config **Services** Desktop Programming Attributes

SERVICES

HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP

DNS

DNS ServiceOnOff
Resource Records
Nameepicode.internalTypeA Record
Address10.13.37.3

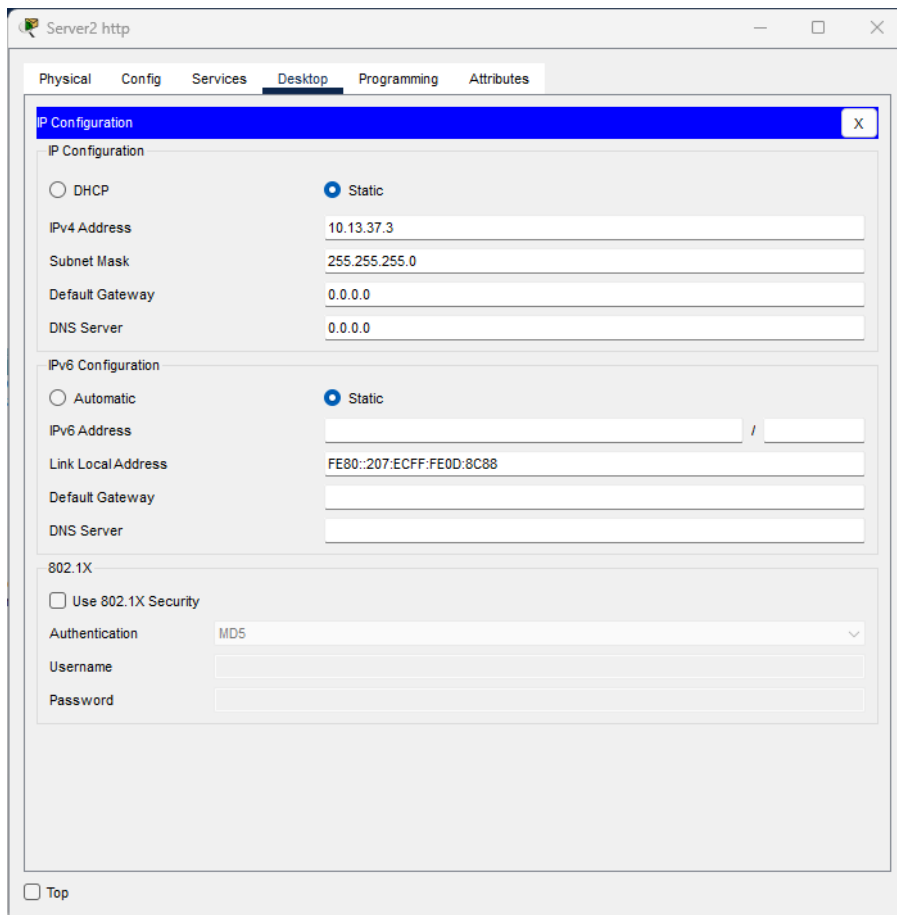
AddSaveRemove

No.	Name	Type	Detail
0	epicode.internal	A Record	10.13.37.3

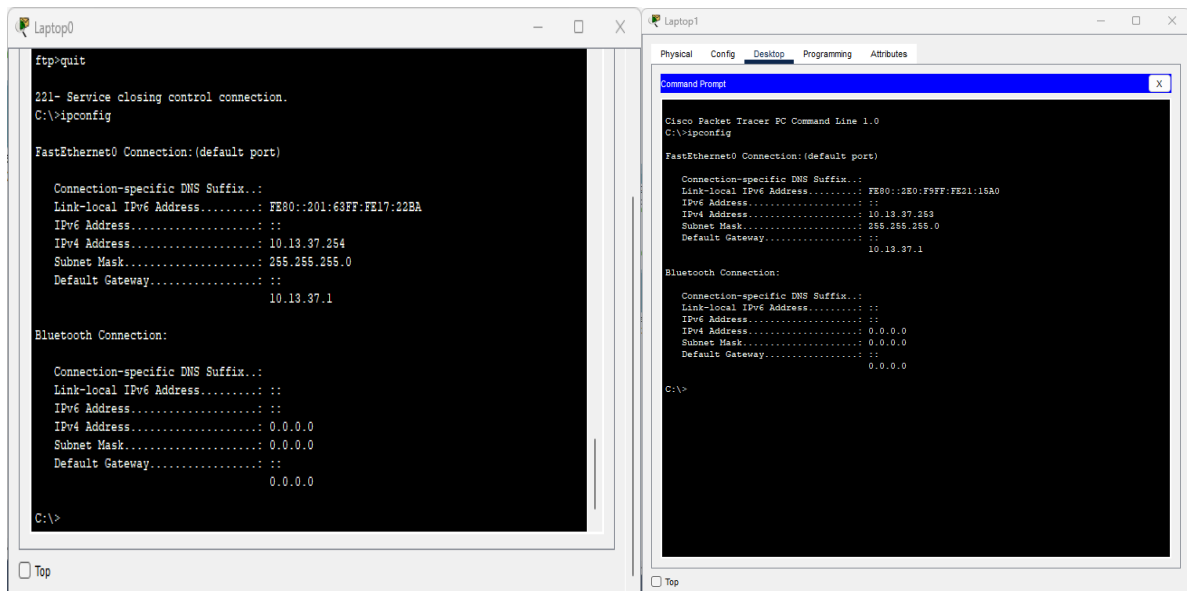
DNS Cache

Top

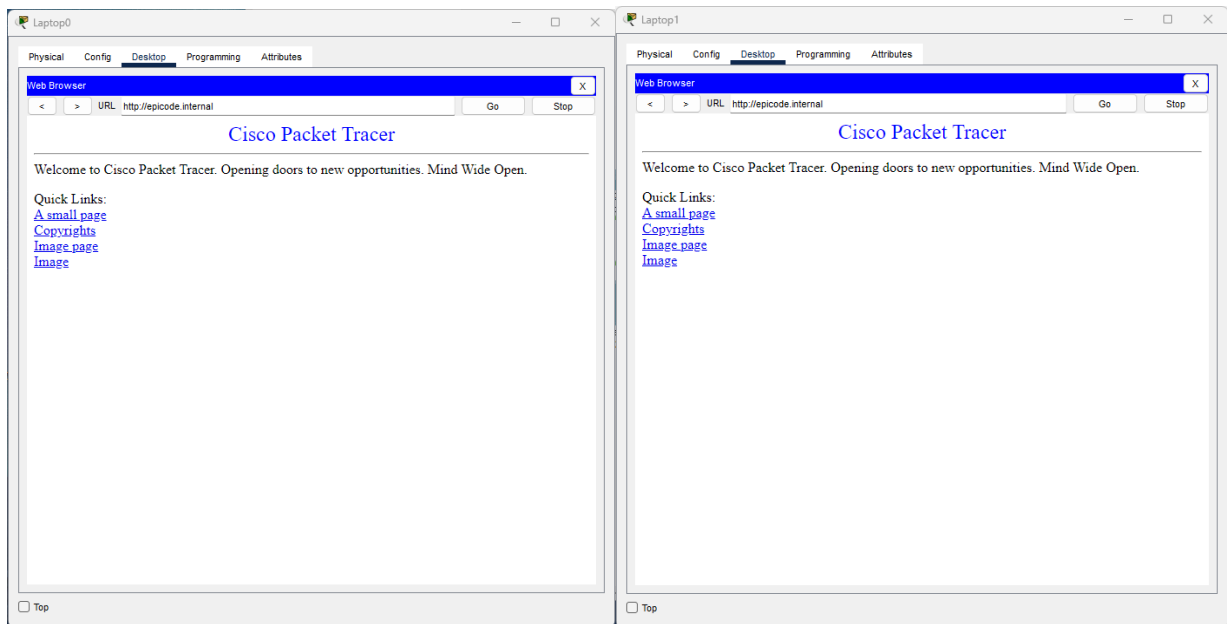
Server http



Ipconfig laptop 0/1 (per vedere se è stato configurato correttamente)



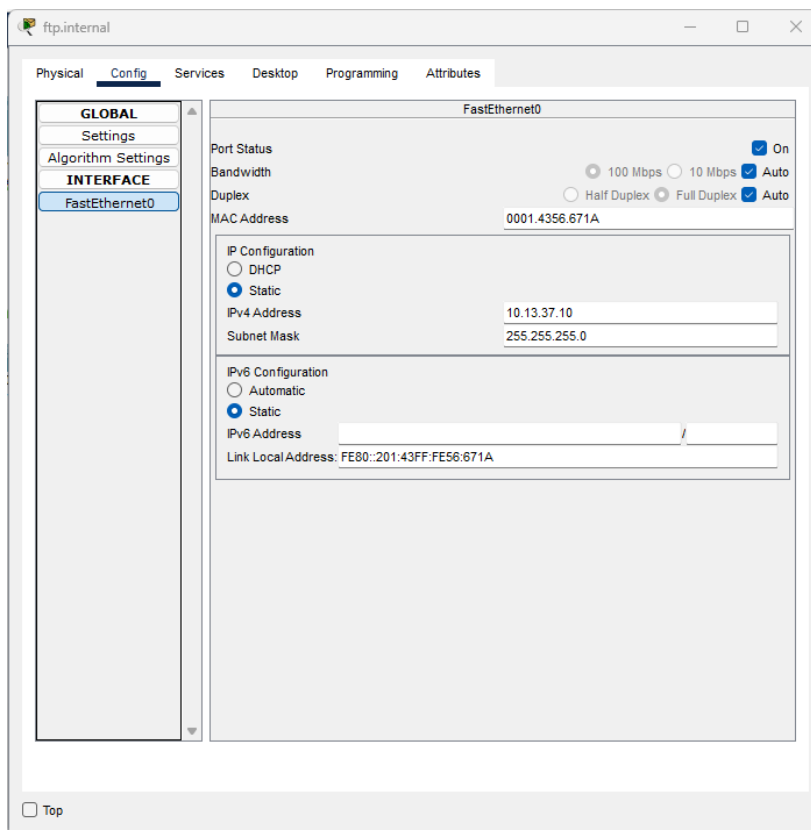
Test sito web epicode.internal laptop 0/1 (per vedere la configurazione DNS)



Esercizio facoltativo dato a lezione:

Aggiungere alla rete simulata un server ftp con nome "ftp.internal" e, da un laptop, scaricare un qualsiasi file

Server ftp



Richiesta file

