

Cybersecurity Analyst

Week 2 - W2D4 Pratica

Creazione ed analisi di una rete di calcolatori

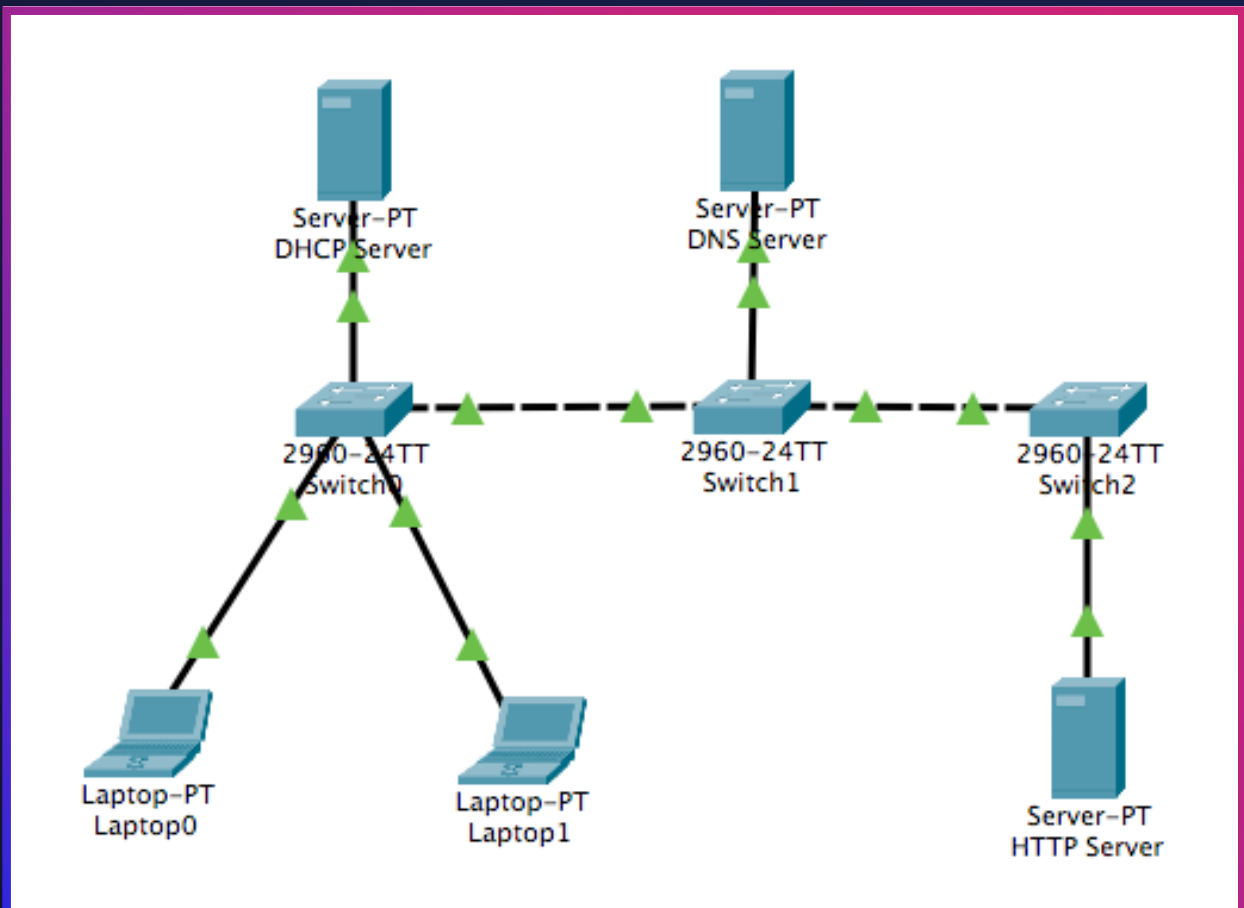
Esercizio

Configurazione dei servizi **DHCP, DNS e HTTP** tramite il tool **Cisco Packet Tracer**.

Lo studente dovrà:

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

Architettura di rete



Configurazione server **DHCP**

DHCP

Interface

FastEthernet0

Service

☒ On

☐ Off

Pool Name

serverPool

Default Gateway

192.168.1.1

DNS Server

192.168.1.50

Start IP Address :

192

168

1

3

Subnet Mask:

255

255

255

0

Maximum Number of Users :

253

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.1.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

192.168.1.50

Configurazione server DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type A Record

Address

Add Save Remove

No	Name	Type	Detail
0	epicode.internal	A Record	192.168.1.80

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

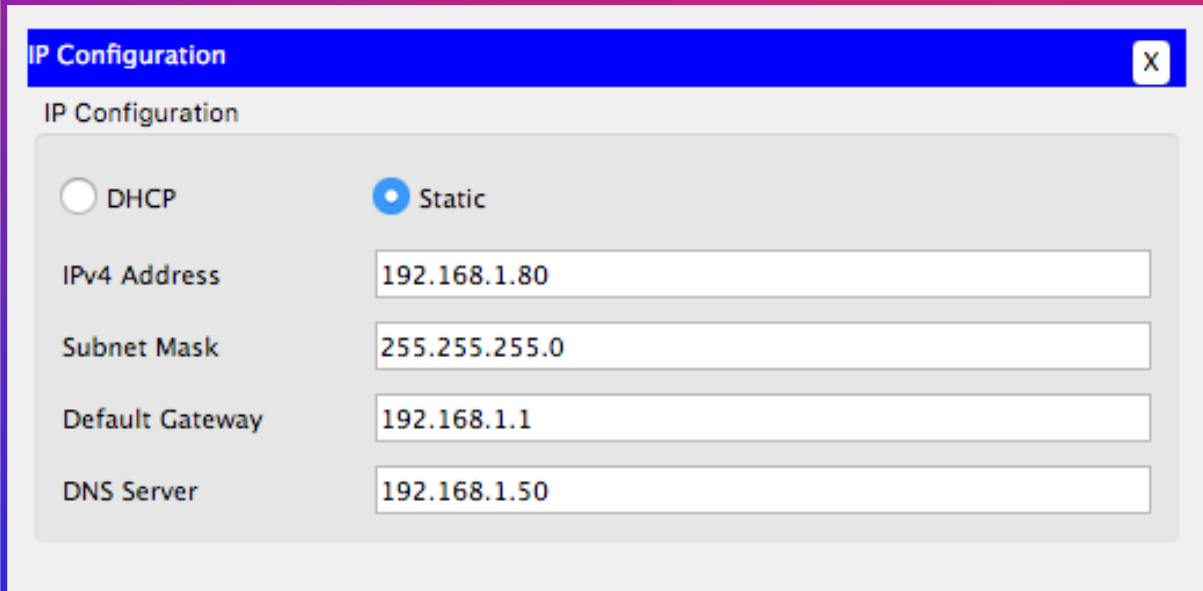
IPv4 Address

Subnet Mask

Default Gateway

DNS Server

Configurazione server **HTTP**

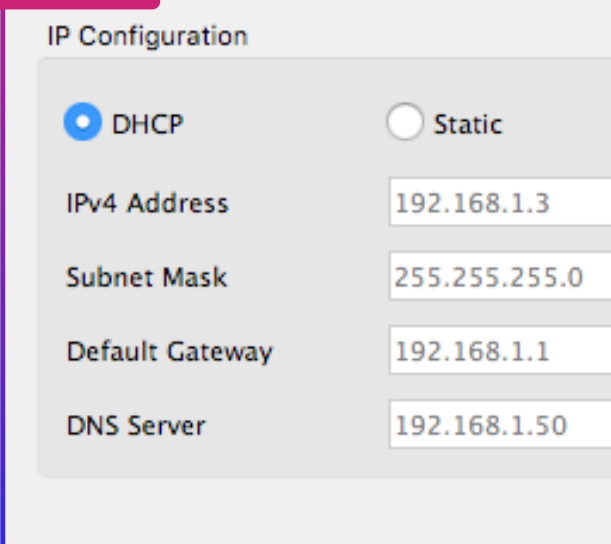


The screenshot shows the 'IP Configuration' window with the 'Static' radio button selected. The fields are filled with the following values:

Field	Value
IPv4 Address	192.168.1.80
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.50

Configurazione dei due **client**

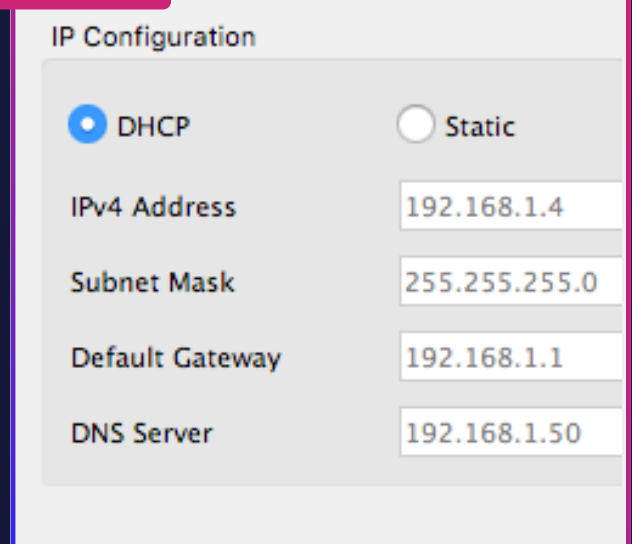
Laptop 0



The screenshot shows the 'IP Configuration' window for Laptop 0 with the 'DHCP' radio button selected. The fields are filled with the following values:

Field	Value
IPv4 Address	192.168.1.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.50

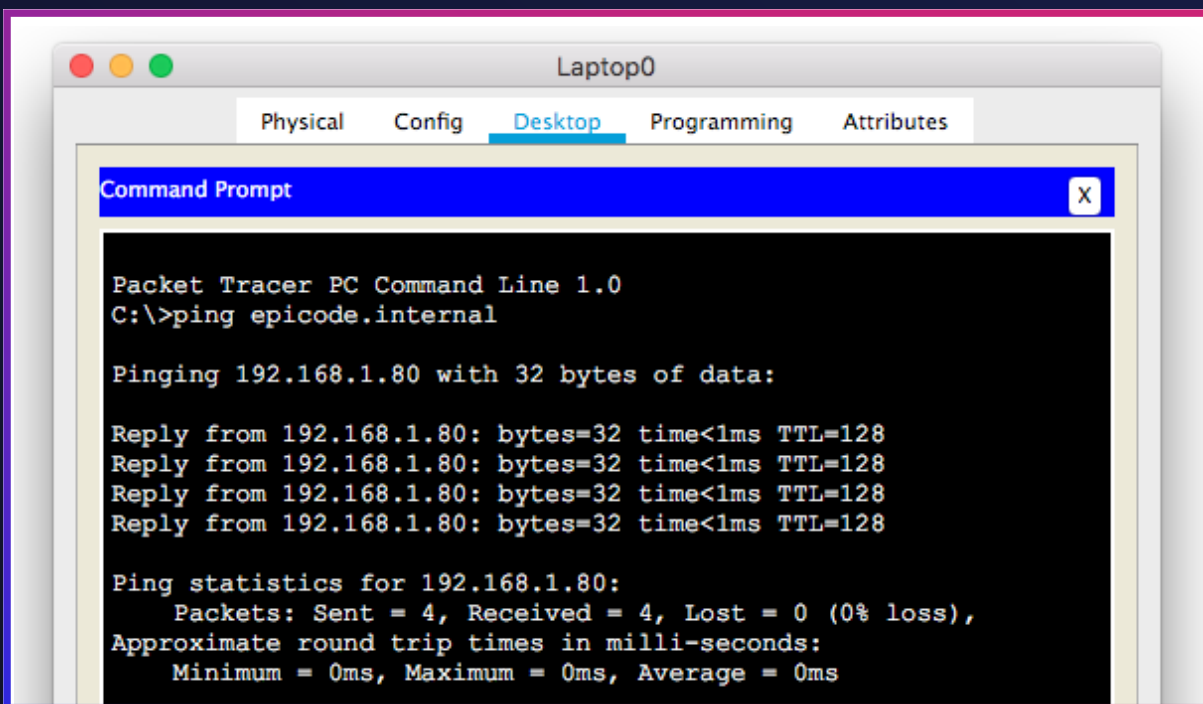
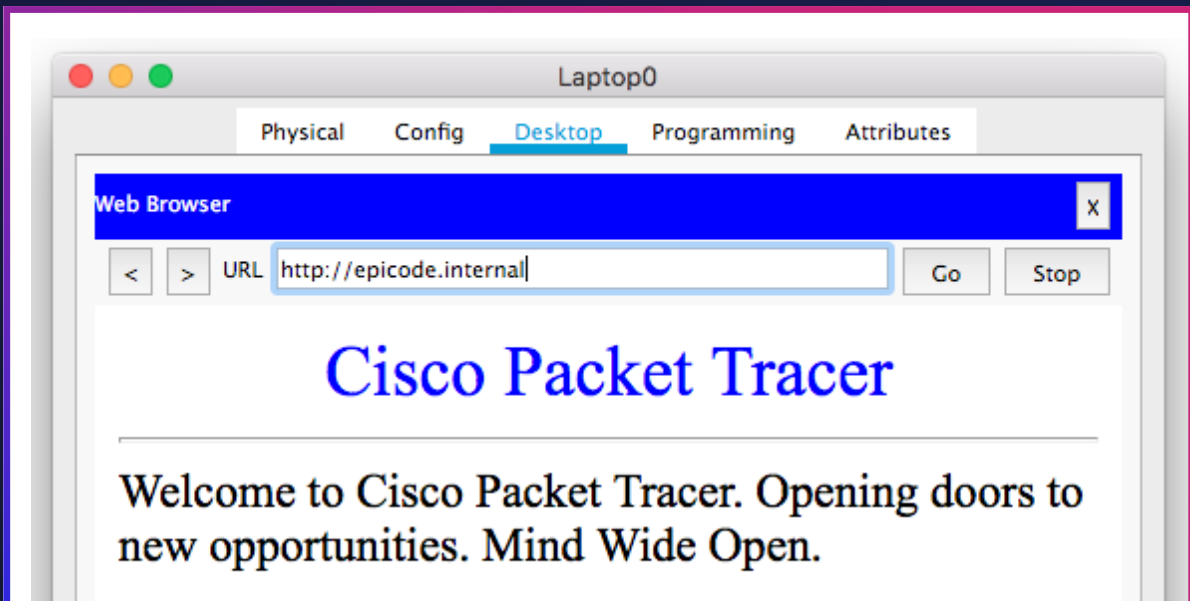
Laptop 1



The screenshot shows the 'IP Configuration' window for Laptop 1 with the 'DHCP' radio button selected. The fields are filled with the following values:

Field	Value
IPv4 Address	192.168.1.4
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
DNS Server	192.168.1.50

TEST CONNESSIONE



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