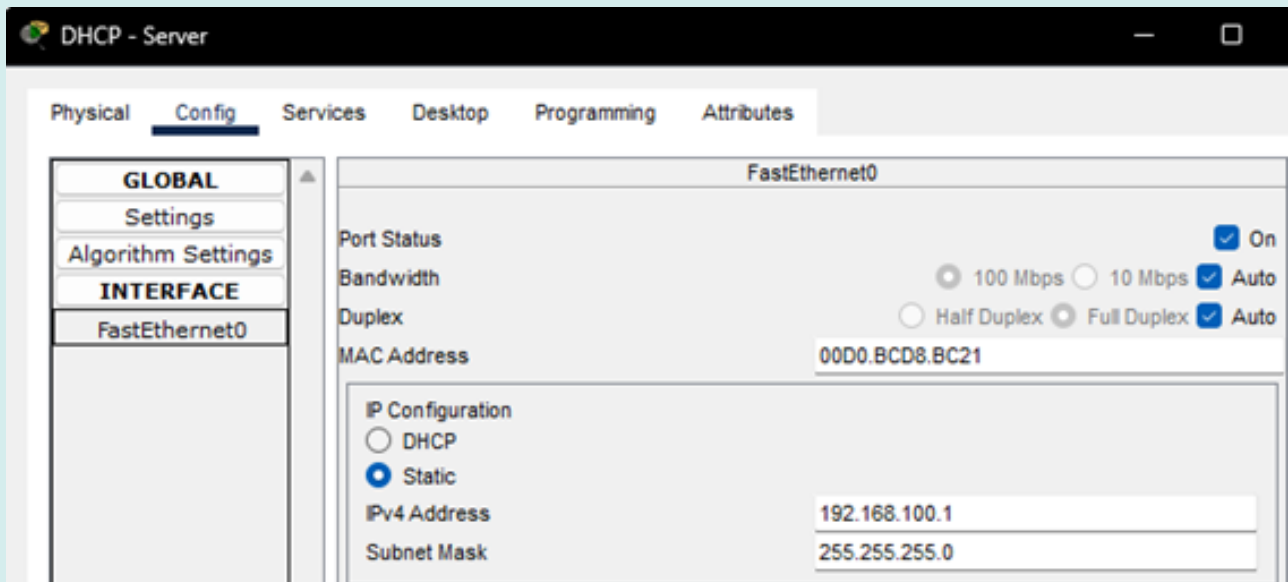
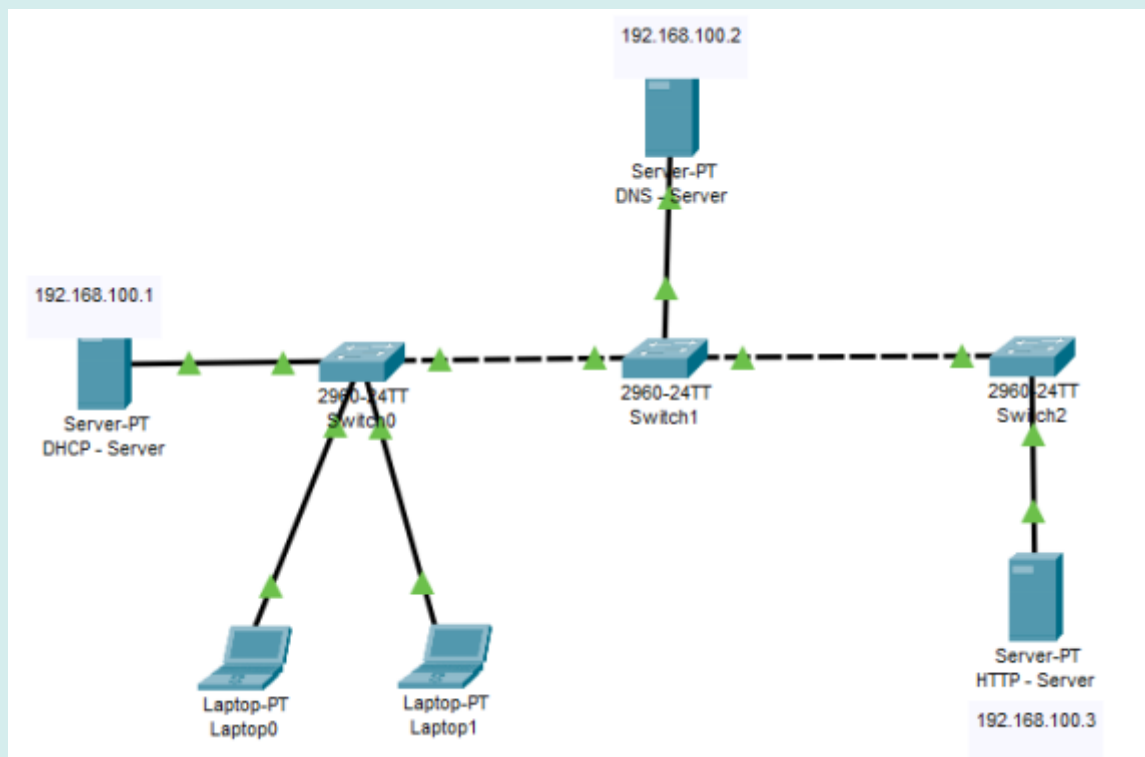


Esercizio W2D4



- Iniziamo con la configurazione dell'architettura mostrata nell'esercizio su Packet Tracer . Aggiungendo come note i rispettivi IP che andremo ad assegnare giusto per fare meno confusione durante lo svolgimento.



- Assegnamo questi IP ai nostri Server **DHCP** , **DNS** e **HTTP** .

DHCP - Server

Physical **Config** Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00D0.BCD8.BC21

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.100.1

Subnet Mask 255.255.255.0

DNS - Server

Physical **Config** Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0001.4369.115B

IP Configuration

☐ DHCP

☒ Static

IPv4 Address 192.168.100.2

Subnet Mask 255.255.255.0

HTTP - Server

Physical **Config** Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global Settings

Display Name HTTP - Server

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway 192.168.100.3

DNS Server 192.168.100.2

- Iniziamo quindi con la configurazione del servizio **DHCP**.

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: 192.168.100.2

Start IP Address: 192 168 100 7

Subnet Mask: 255 255 255 0

Maximum Number of Users: 25

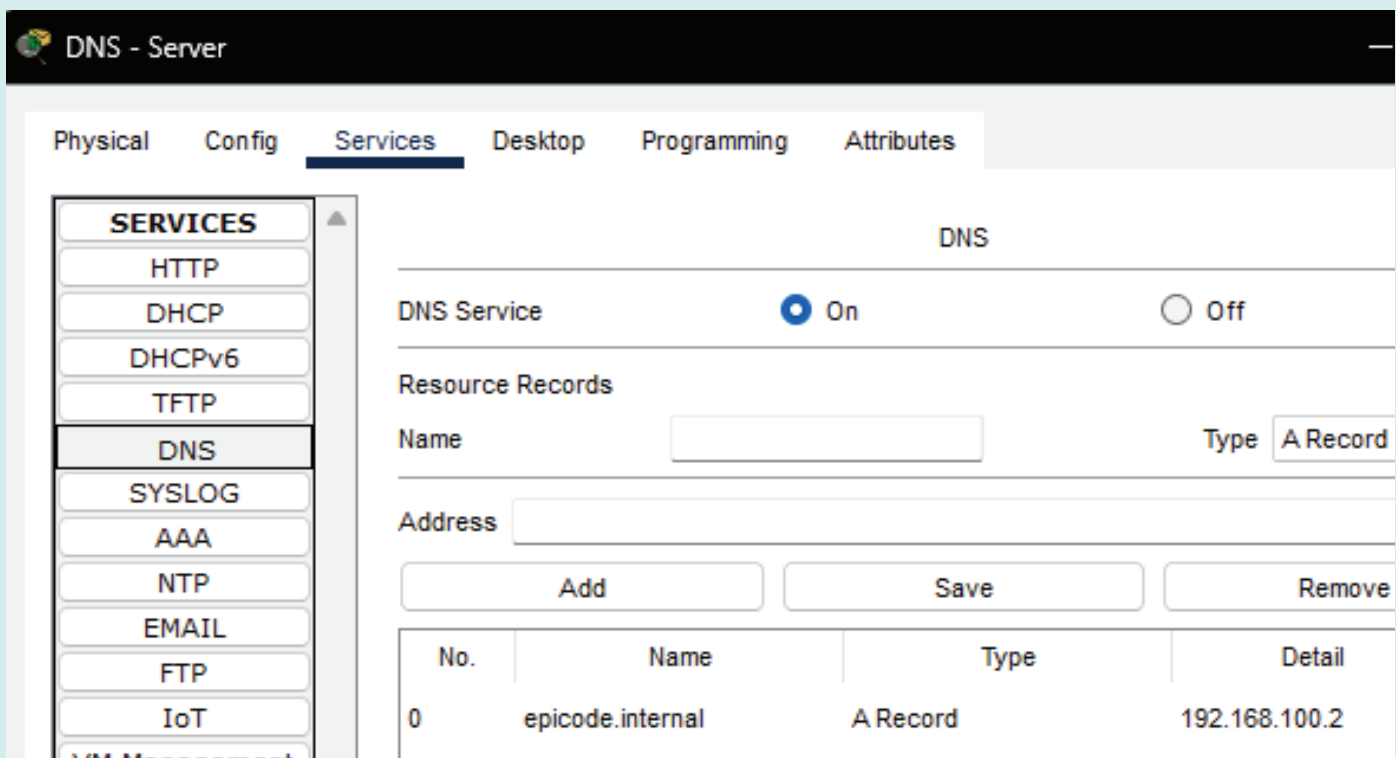
TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

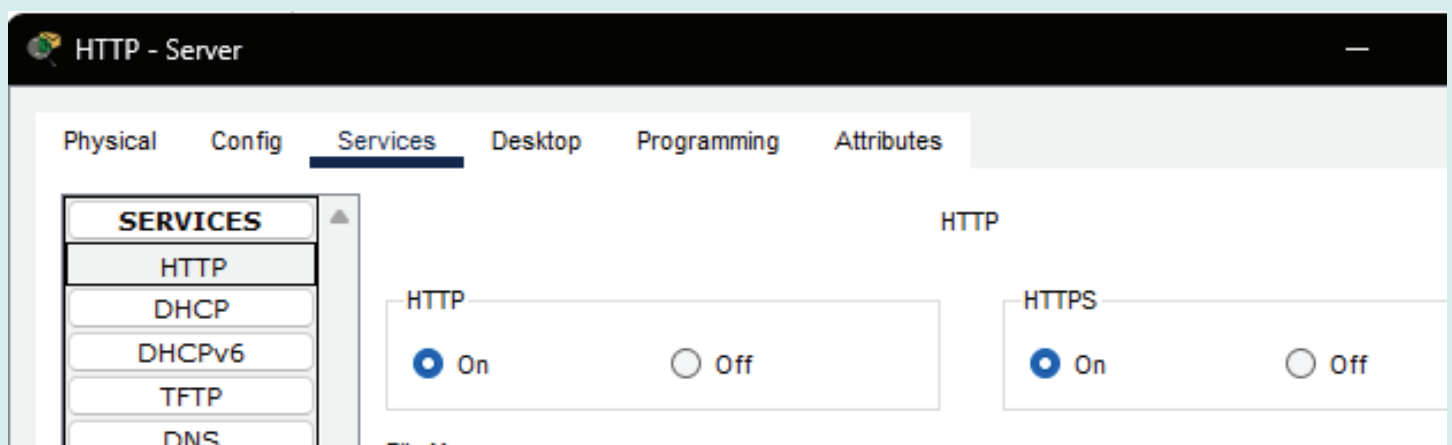
Add Save Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	0.0.0.0	192.168....	192.168....	255.255....	25	0.0.0.0	0.0.0.0

- Assegniamo lo stesso IP del nostro **DNS** server così come uno Start IP Address e una Subnet Mask per poi ridurre il numero Massimo di Utenti.
- Ci spostiamo a questo punto sulle impostazioni del nostro **DNS**. Per farlo dovremmo assegnare al nome "epicode.internal" e assegnargli l'IP del nostro **DNS**.



- Per quanto riguarda il nostro server **HTTP** non dobbiamo far altro che assicurarci che il servizio sia attivo .



- Verifichiamo tramite il cmd dei nostri Laptop che stiano ottenendo correttamente il loro IP dal **DHCP**.

Laptop0

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address 192.168.100.7

Subnet Mask 255.255.255.0

Default Gateway 0.0.0.0

DNS Server 192.168.100.2

FastEthernet0 Connection:(default port)

```
Connection-specific DNS Suffix...:
Link-local IPv6 Address.....: FE80::290:2BFF:FE88:4A53
IPv6 Address.....: ::
IPv4 Address.....: 192.168.100.7
Subnet Mask.....: 255.255.255.0
Default Gateway.....: ::
                        0.0.0.0
```

Laptop1

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address 192.168.100.8

Subnet Mask 255.255.255.0

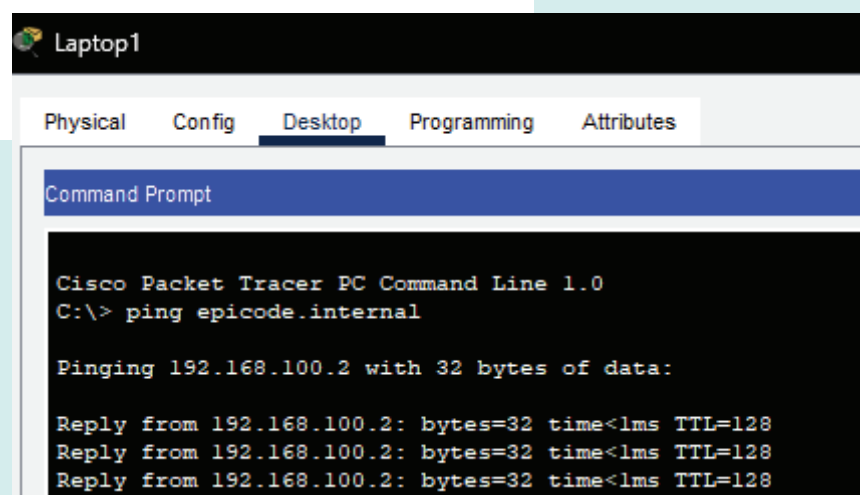
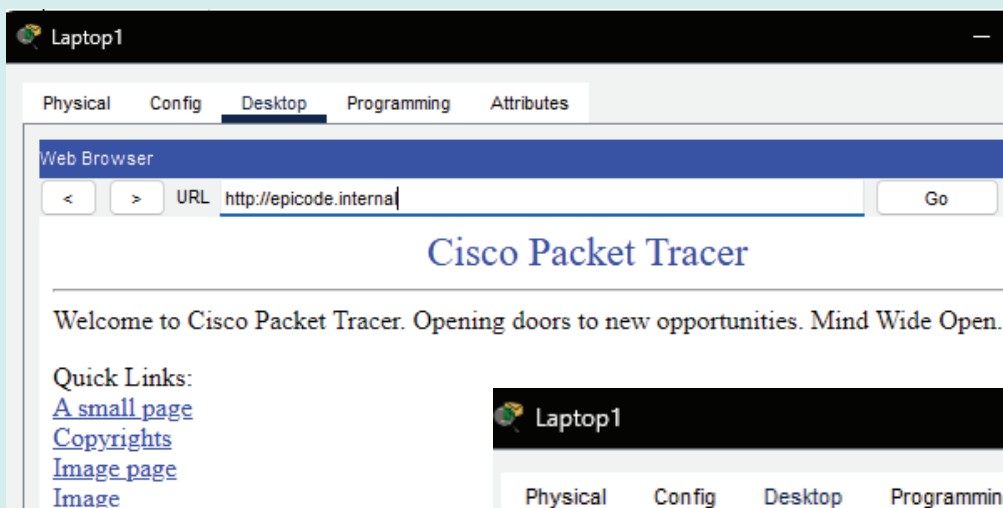
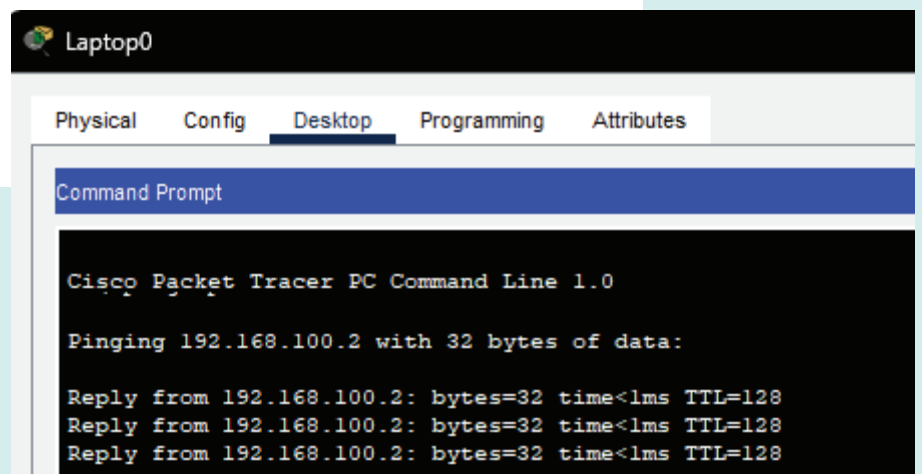
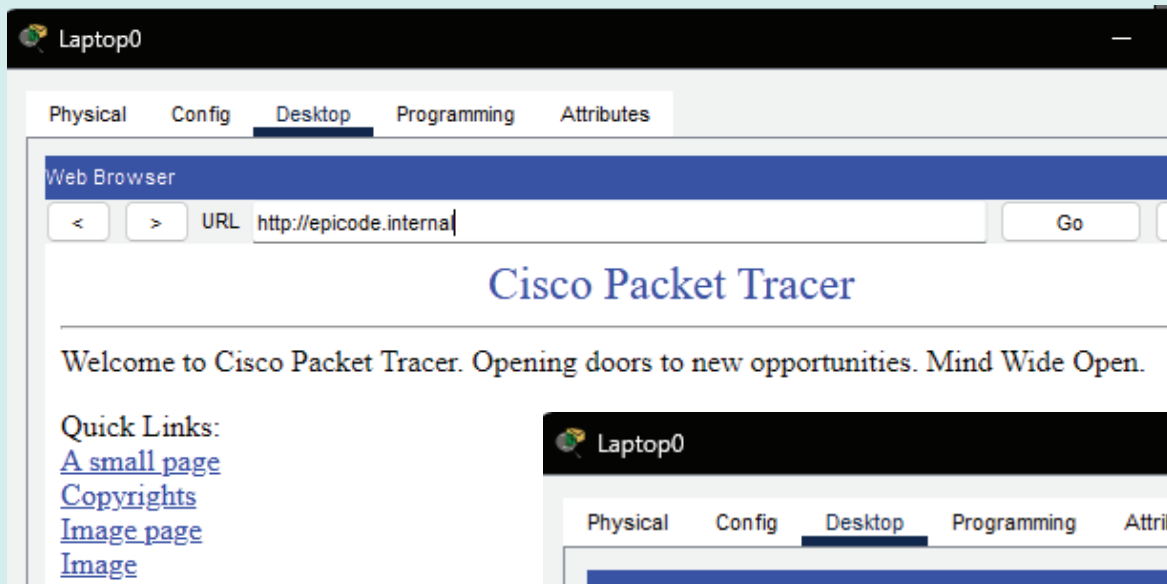
Default Gateway 0.0.0.0

DNS Server 192.168.100.2

FastEthernet0 Connection:(default port)

```
Connection-specific DNS Suffix...:
Link-local IPv6 Address.....: FE80::201:C9FF:FEA6:26A5
IPv6 Address.....: ::
IPv4 Address.....: 192.168.100.8
Subnet Mask.....: 255.255.255.0
Default Gateway.....: ::
                        0.0.0.0
```

- Controlliamo quindi il perfetto funzionamento del Record che abbiamo inserito nel nostro **DNS** sui due laptop : "epicode.internal" .



Tutte gli assegnamenti sono stati svolti !!