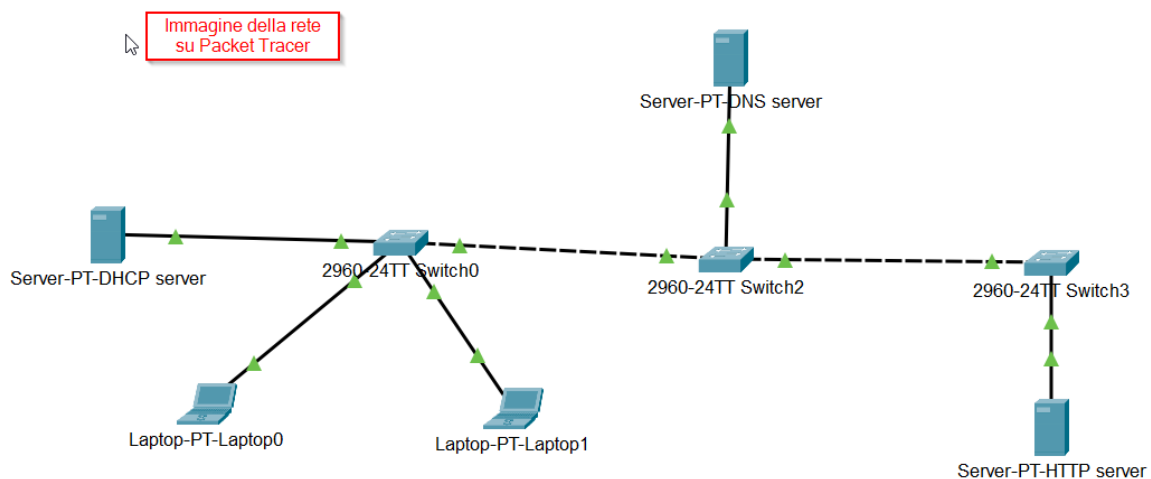


ESERCIZIO W2D4

Utilizzando Packet Tracer, lo scopo dell'esercizio è quello di configurare i tre servizi studiati a lezione: DHCP, DNS, HTTP.

Obiettivi

- 1- Configurare almeno 2 client per fargli ricevere degli IP da DHCP server.



Configurazione DHCP server

<input type="radio"/> DHCP	<input checked="" type="radio"/> Static
IPv4 Address	192.168.1.2
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	192.168.1.100
IPv6 Configuration	

DHCP

Interface: FastEthernet0 Service: ☒ On ☐ Off

Pool Name: DHCP_server

Default Gateway: 0.0.0.0

DNS Server: 192.168.1.100

Start IP Address: 192 168 1 3

Subnet Mask: 255 255 255 0

Maximum Number of Users: 253

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
DHCP_server	0.0.0.0	192.16...	192.16...	255.25...	253	0.0.0.0	0.0.0.0
serverPool	0.0.0.0	0.0.0.0	192.16...	255.25...	253	0.0.0.0	0.0.0.0

Switch DHCP per i due laptop

☒ DHCP ☐ Static

IPv4 Address: 192.168.1.3

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 192.168.1.100

IPv6 Configuration

☐ Automatic ☒ Static Laptop0 Dinamic Host

IPv6 Address: /

Link Local Address: FE80::2E0:F9FF:FEA1:BE15

Default Gateway:

DNS Server:

IP Configuration

☒ DHCP ☐ Static

IPv4 Address: 192.168.1.1

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 192.168.1.100

IPv6 Configuration

☐ Automatic ☒ Static Laptop1 Dinamic Host

IPv6 Address: /

Link Local Address: FE80::290:CFF:FED4:624C

Default Gateway:

DNS Server:

2- Configurare un <<record A>> sul server DNS, in modo da associare il nome <<epicode.internal>> all'IP del server HTTP.

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

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway

DNS Server

IPv6 Configuration

3- Fare ipconfig dai due client

```
FastEthernet0 Connection: (default port)

Connection-specific DNS Suffix...:
Physical Address. . . . .: 00E0.F9A1.BE15
Link-local IPv6 Address . . . . .: FE80::2E0:F9FF:FEA1:BE15
IPv6 Address. . . . .: ::
IPv4 Address. . . . .: 192.168.1.3
Subnet Mask . . . . .: 255.255.255.0
Default Gateway . . . . .: ::
                          0.0.0.0

DHCP Servers. . . . .: 192.168.1.2
DHCPv6 IAID. . . . .:
DHCPv6 Client DUID. . . . .: 00-01-00-01-53-2A-96-AA-00-E0-F9-A1-BE-15
DNS Servers. . . . .: ::
                          192.168.1.100

Bluetooth Connection:

Connection-specific DNS Suffix...:
Physical Address. . . . .: 000C.CF4C.2A7B
Link-local IPv6 Address . . . . .: ::
--More--
```

```
FastEthernet0 Connection: (default port)

Connection-specific DNS Suffix...:
Physical Address.....: 0090.0CD4.624C
Link-local IPv6 Address.....: FE80::290:CFF:FED4:624C
IPv6 Address.....: ::
IPv4 Address.....: 192.168.1.1
Subnet Mask.....: 255.255.255.0
Default Gateway.....: ::
0.0.0.0

DHCP Servers.....: 192.168.1.2
DHCPv6 IAID.....:
DHCPv6 Client DUID.....: 00-01-00-01-98-36-03-C1-00-90-0C-D4-62-4C
DNS Servers.....: ::
192.168.1.100

Bluetooth Connection:

Connection-specific DNS Suffix...:
Physical Address.....: 0001.64AE.C8B1
Link-local IPv6 Address.....: ::
--More-- |
```

ipconfig /all Laptop1

4- Fare un test per controllare se il DNS risolve correttamente il dominio epicode.internal

