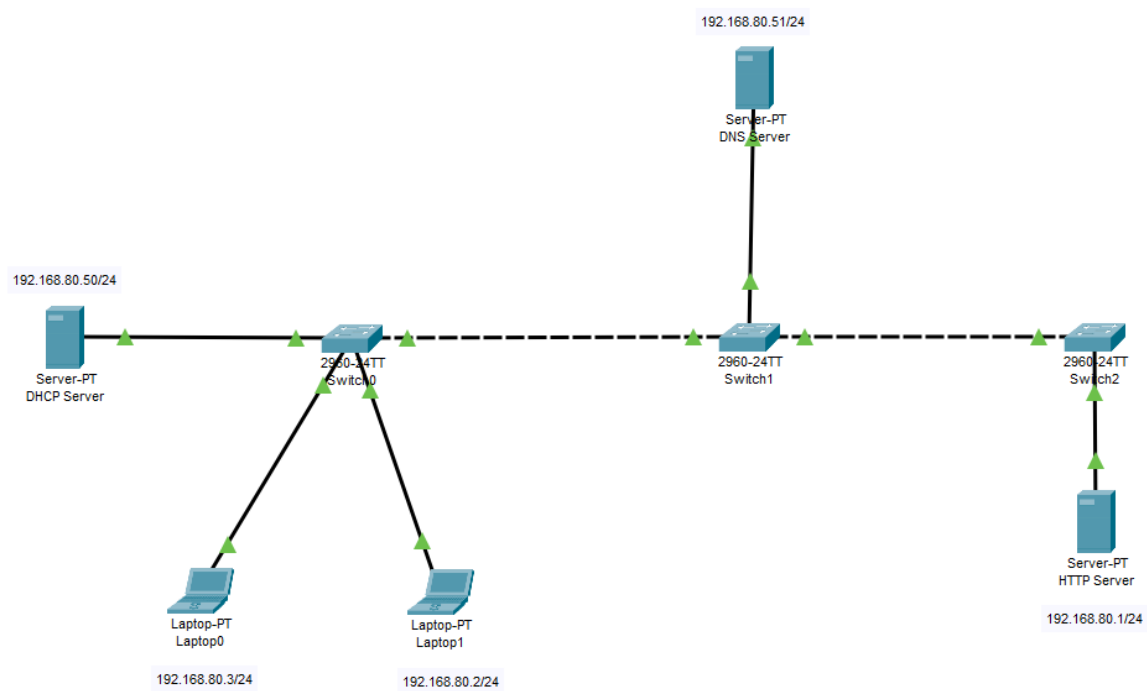
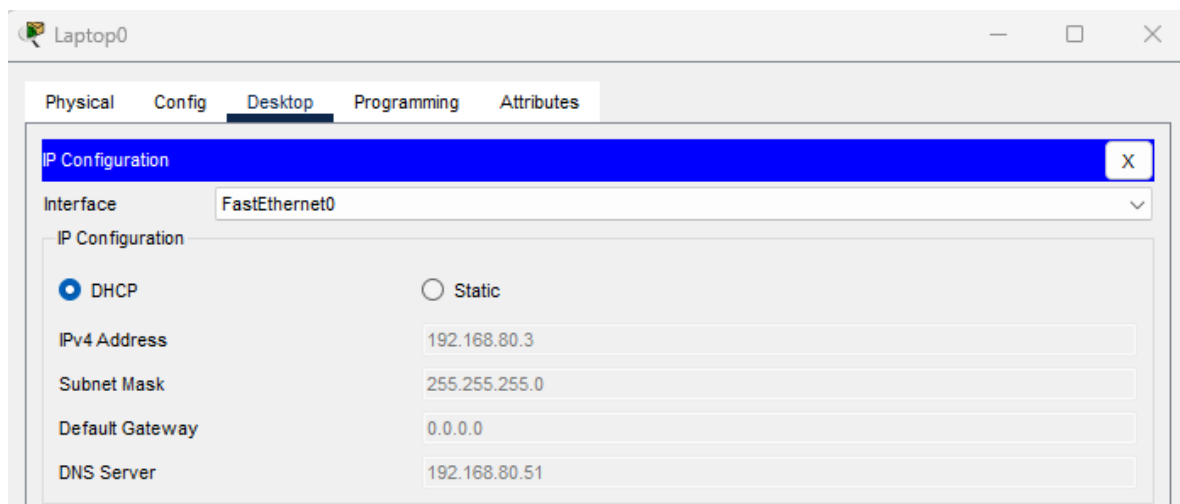
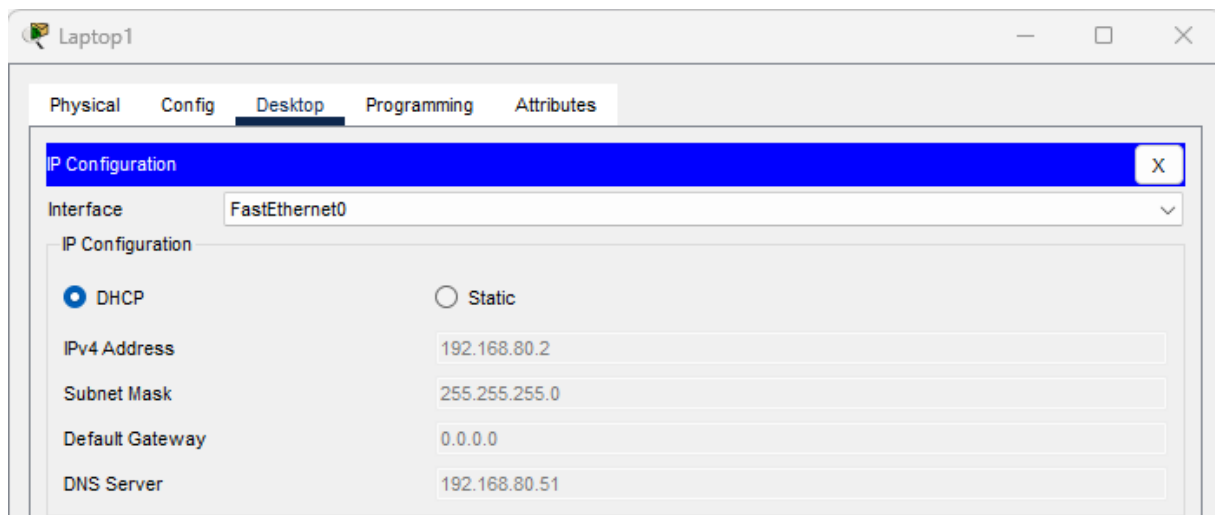


# Pre-requisiti Network 2

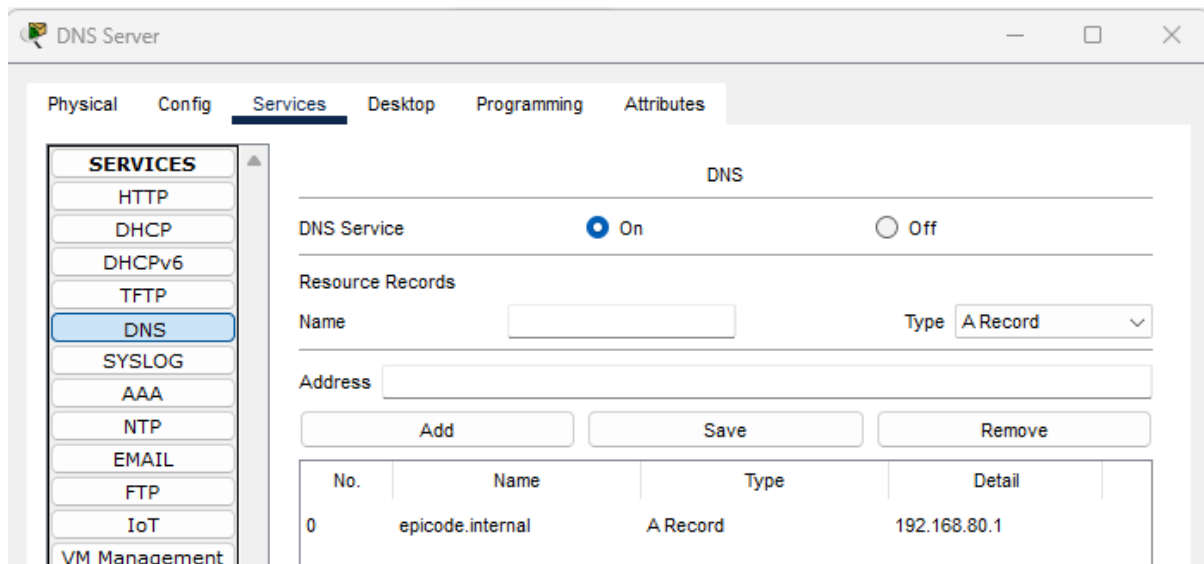


1. Configurare almeno 2 client in modo tale da ricevere IP dal DHCP.

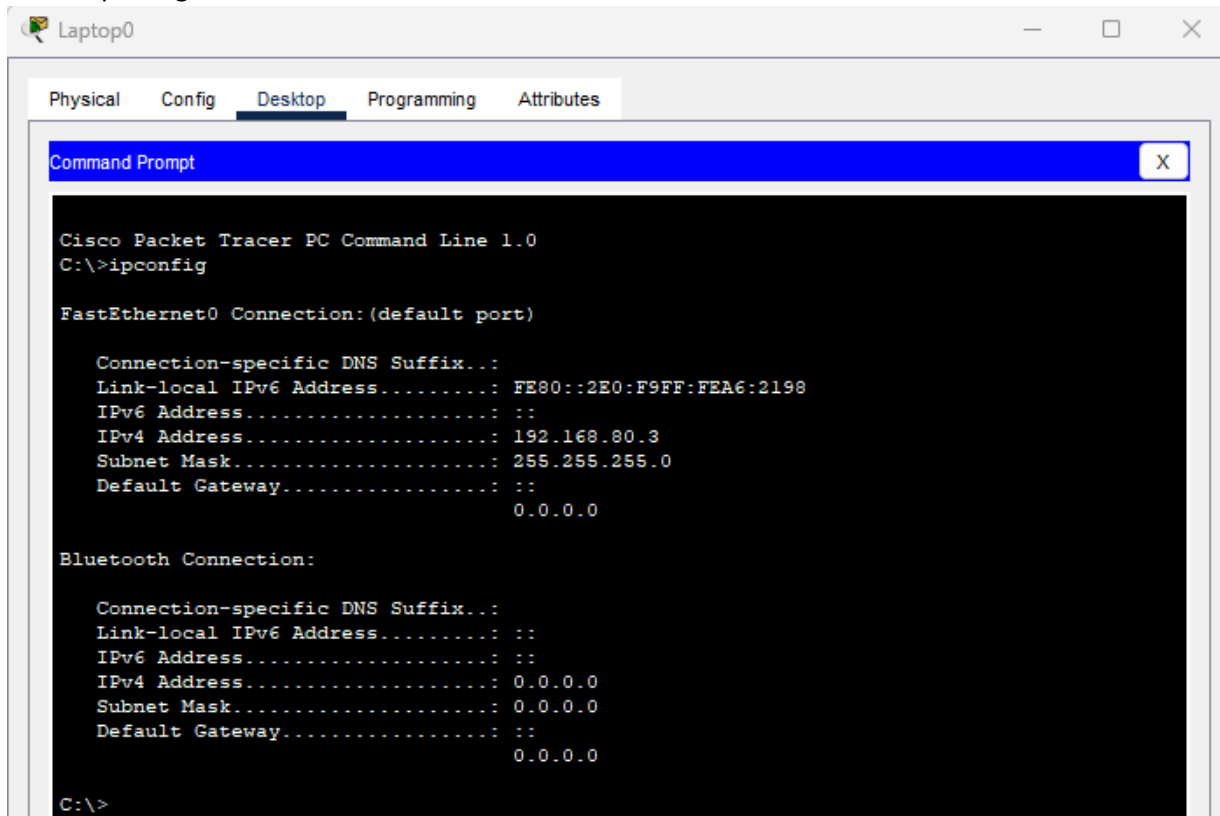




2. Configurare un <<record A>> sul server DNS in modo tale da associare il nome <<epicode.internal>> all'IP del server HTTP.



### 3. Fare ipconfig dai due client.



The screenshot shows a Cisco Packet Tracer PC Command Line window for Laptop0. The window has tabs for Physical, Config, Desktop (selected), Programming, and Attributes. The Command Prompt displays the output of the 'ipconfig' command. It shows configuration for FastEthernet0 and Bluetooth connections. The FastEthernet0 connection has a Link-local IPv6 Address of FE80::2E0:F9FF:FEA6:2198, an IPv4 Address of 192.168.80.3, and a Subnet Mask of 255.255.255.0. The Bluetooth connection has a Link-local IPv6 Address of FE80::201:96FF:FE88:7115, an IPv4 Address of 192.168.80.2, and a Subnet Mask of 255.255.255.0.

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

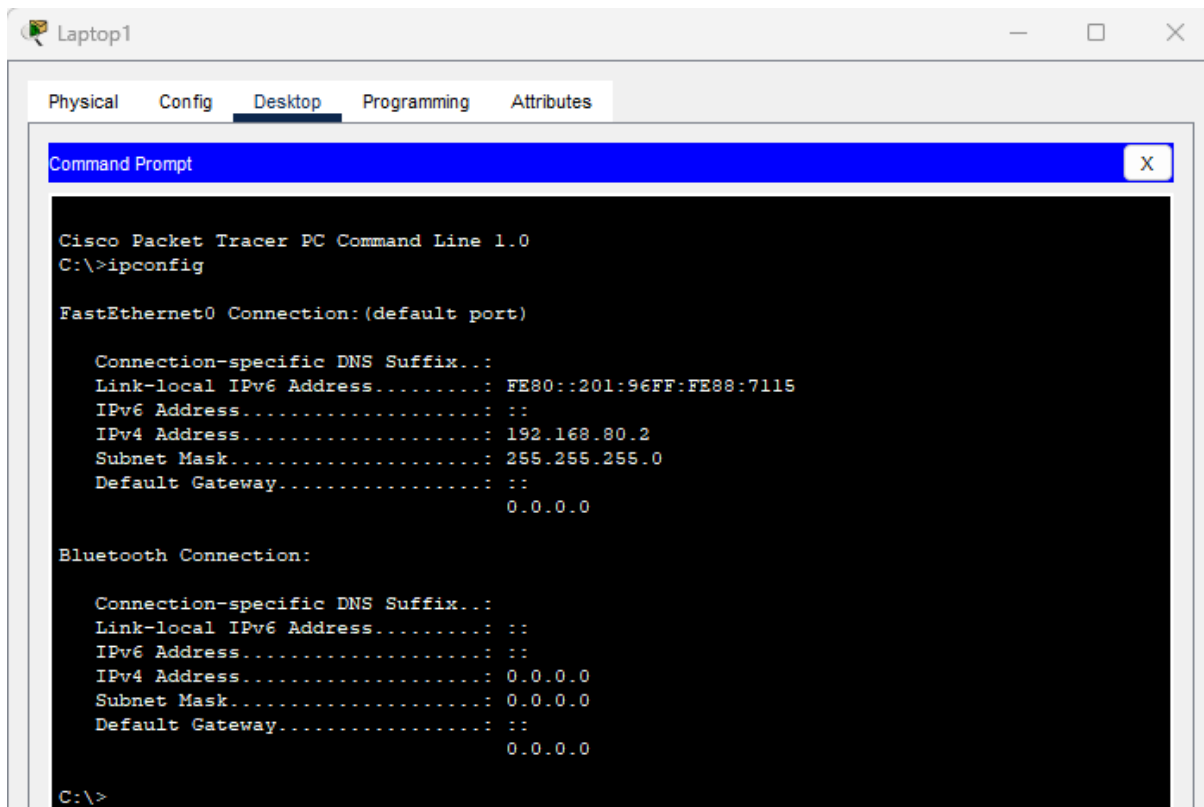
FastEthernet0 Connection:(default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: FE80::2E0:F9FF:FEA6:2198
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 192.168.80.3
    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:\>
```



The screenshot shows a Cisco Packet Tracer PC Command Line window for Laptop1. The window has tabs for Physical, Config, Desktop (selected), Programming, and Attributes. The Command Prompt displays the output of the 'ipconfig' command. It shows configuration for FastEthernet0 and Bluetooth connections. The FastEthernet0 connection has a Link-local IPv6 Address of FE80::201:96FF:FE88:7115, an IPv4 Address of 192.168.80.2, and a Subnet Mask of 255.255.255.0. The Bluetooth connection has a Link-local IPv6 Address of FE80::2E0:F9FF:FEA6:2198, an IPv4 Address of 192.168.80.3, and a Subnet Mask of 255.255.255.0.

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

FastEthernet0 Connection:(default port)

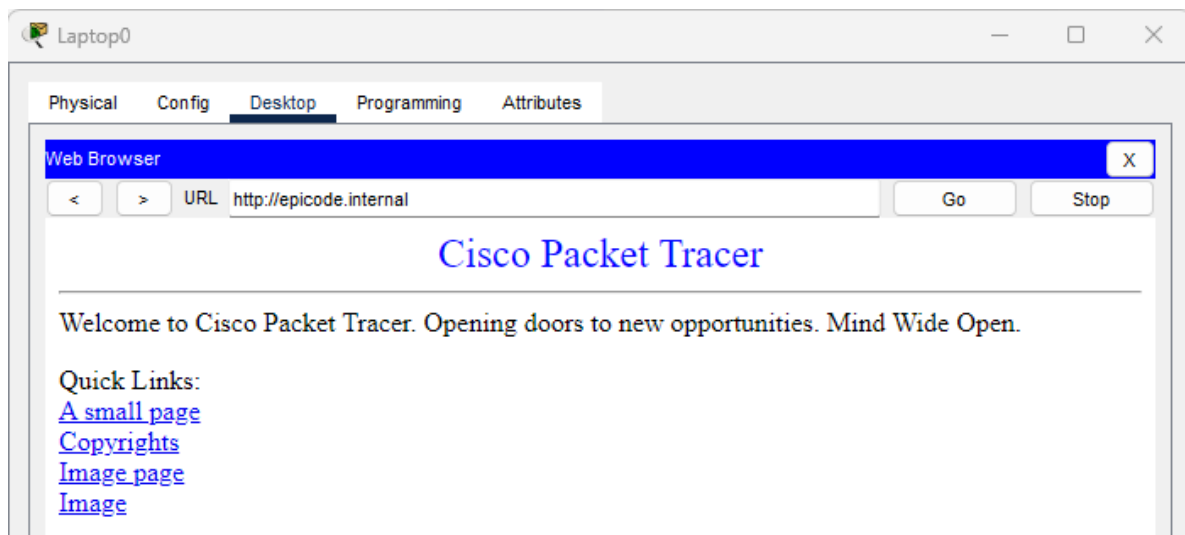
    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: FE80::201:96FF:FE88:7115
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 192.168.80.2
    Subnet Mask . . . . .: 255.255.255.0
    Default Gateway . . . . .: ::
                                0.0.0.0

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:\>
```

### 4. Fare un test per controllare se il DNS mi risolve correttamente epicode.internal: andando sul sito web e chiedendo la risoluzione da un client.



```
C:\>ping epicode.internal

Pinging 192.168.80.1 with 32 bytes of data:

Reply from 192.168.80.1: bytes=32 time<1ms TTL=128
Reply from 192.168.80.1: bytes=32 time<1ms TTL=128
Reply from 192.168.80.1: bytes=32 time<1ms TTL=128
Reply from 192.168.80.1: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.80.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```