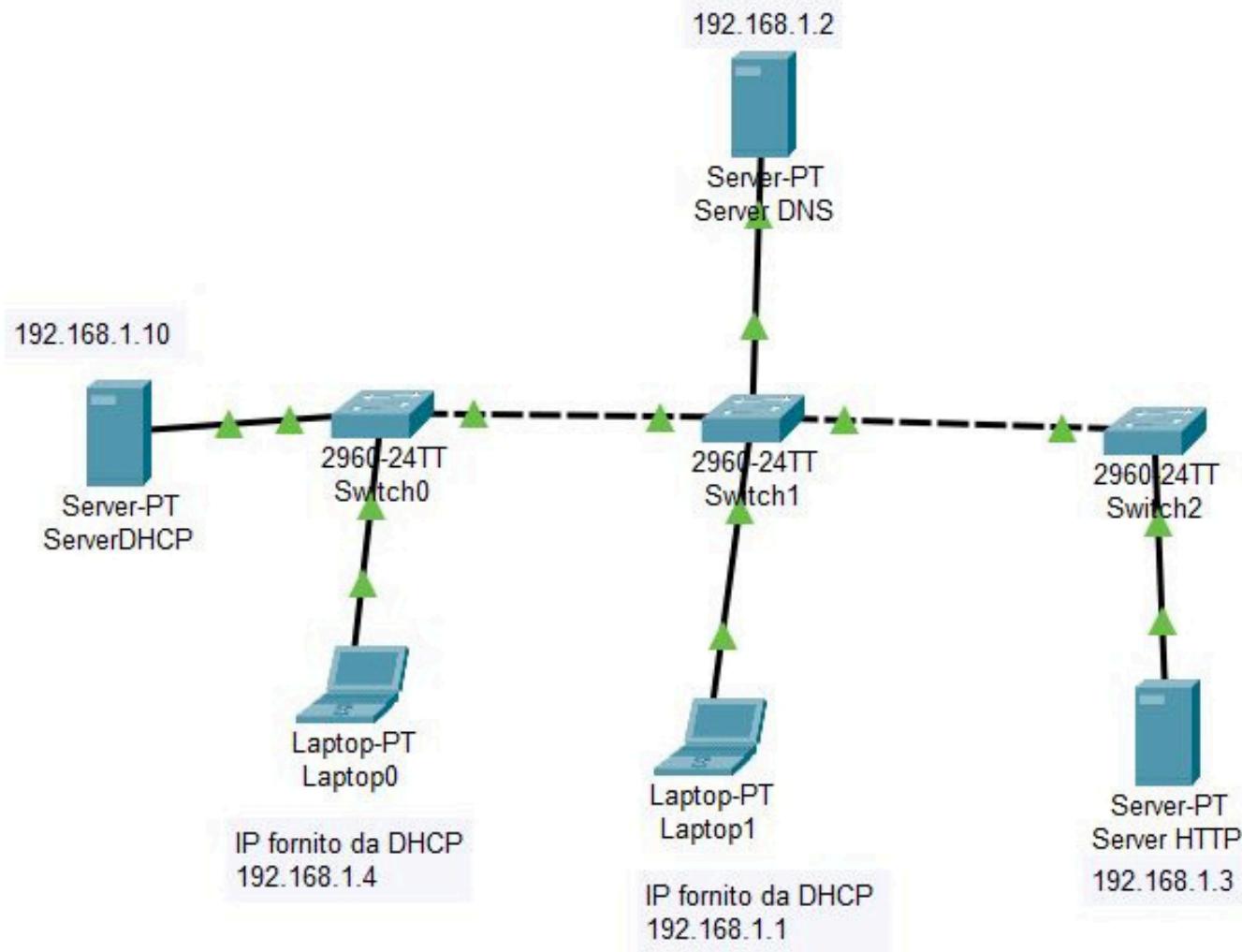


FASI CONFIGURAZIONE

W2D4



TOPOLOGIA

FASE1

CONFIGURAZIONE SERVER DHCP

- Cliccare sul server che vorremo configurare come SERVER DHCP
- Andare nella sezione services + DHCP (nella colonna a sinistra)
- Cliccare su “ON” nella sezione service
- Inserire l’indirizzo DNS service (sarà l’indirizzo ip statico che dovremo dare al server dns quando lo configureremo)
- Andare su “Start IP Address e assegnare un indirizzo IP statico al nostro SERVER DHCP
- Premere INVIO (verrà impostata in automatico la SUBNETMASK)
- Cliccare su ADD+ SAVE

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: 192.168.1.2

Start IP Address : 192 168 1 0

Subnet Mask: 255 255 255 0

Maximum Number of Users : 256

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	192.168.1.2	192.168.1.0	255.255.2...	256	0.0.0.0	0.0.0.0

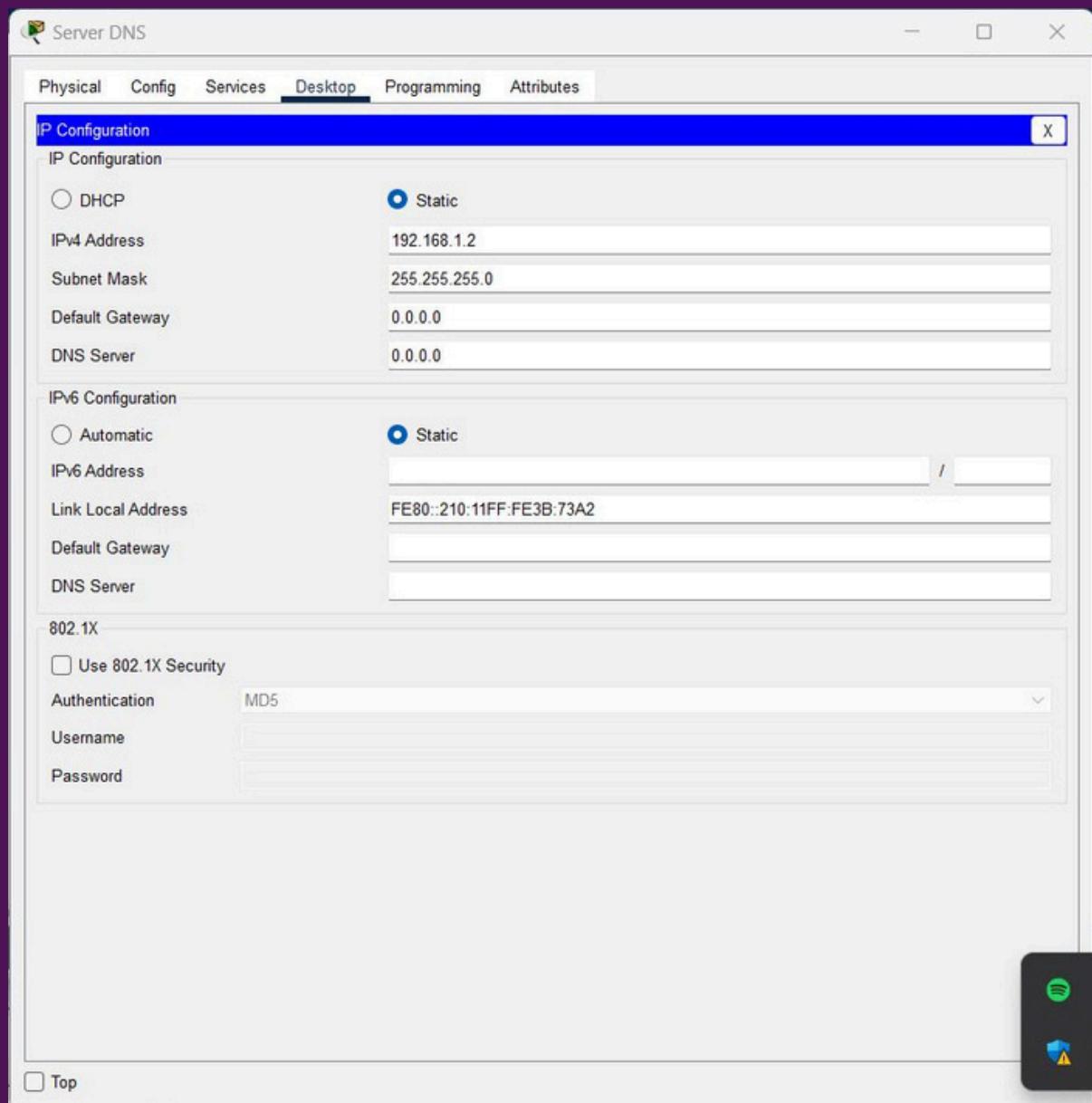
CONFIGURAZIONE SERVER DHCP

FASE2

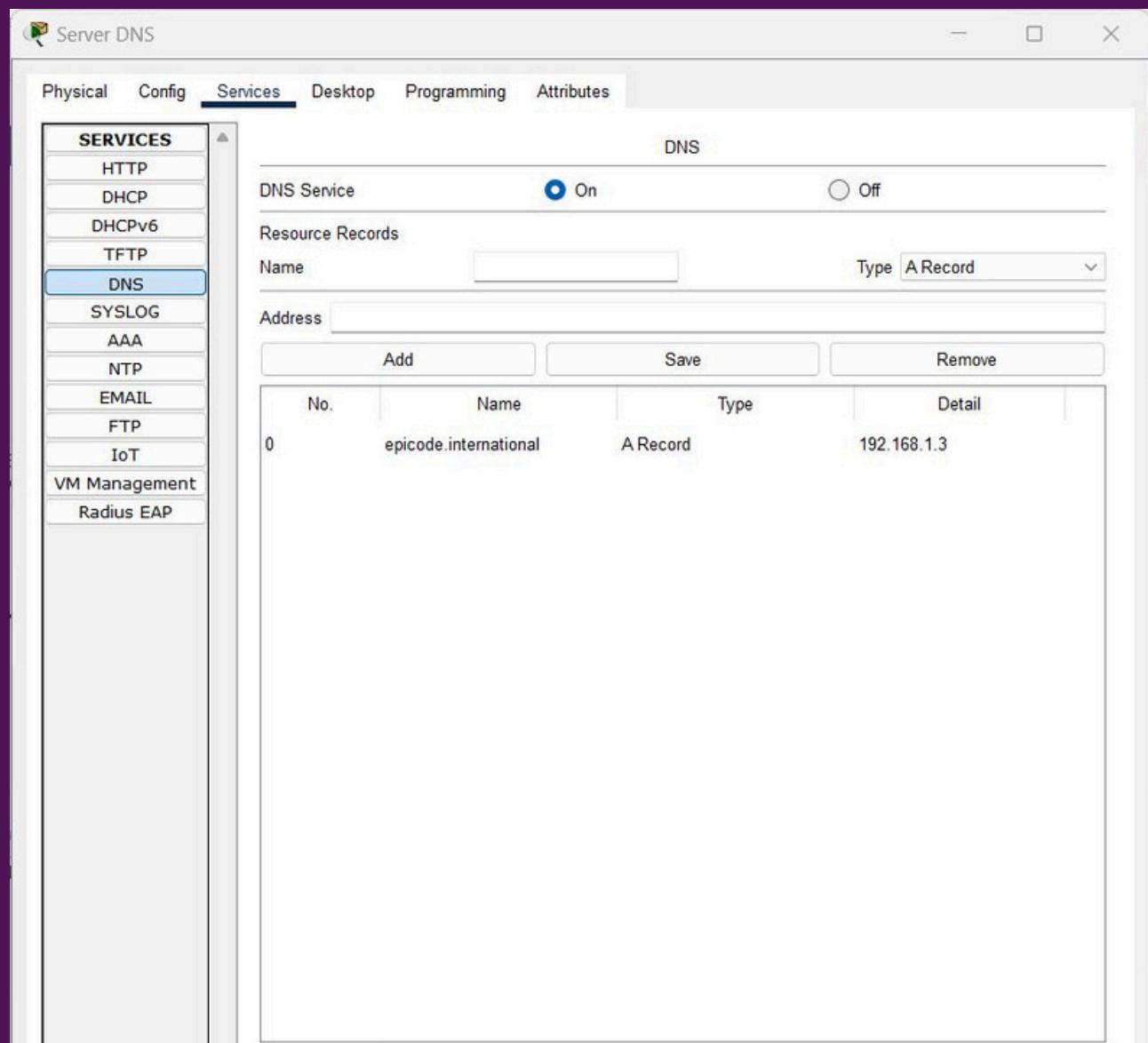
CONFIGURAZIONE SERVER DNS

- Cliccare su Desktop+IP Configuration ed impostare l'IP STATICO del DNS (lo stesso che abbiamo inserito nella configurazione del server DHCP)
- Cliccare sul server che vorremo configurare come SERVER DNS
- Andare nella sezione services + DNS (nella colonna a sinistra)
- Cliccare su “ON” nella sezione DNS service
- Andare nella sezione “Resource record” e digitare nel Name “epicode.international”
- Andare su “Address” ed inserire l'indirizzo IP statico del Server HTTP
- Cliccare su SAVE

CONFIGURAZIONE SERVER DNS



CONFIGURAZIONE SERVER DNS

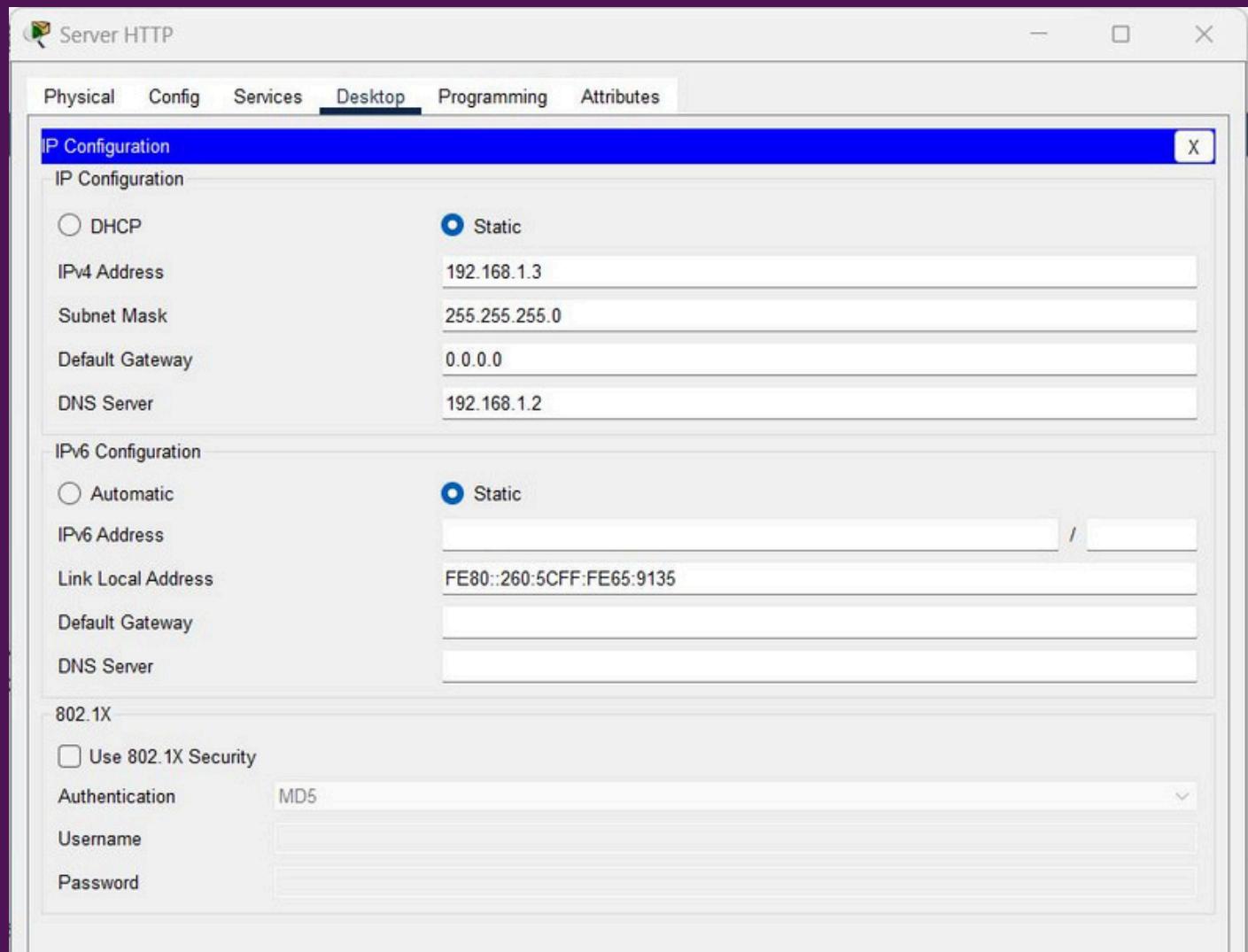


FASE3

CONFIGURAZIONE SERVER HTTP

- Cliccare sul server che vorremo configurare come SERVER HTTP
- Cliccare su Desktop+IP Configuration ed impostare l'IP STATICO
- Premere INVIO (verrà impostata in automatico la SUBNETMASK)

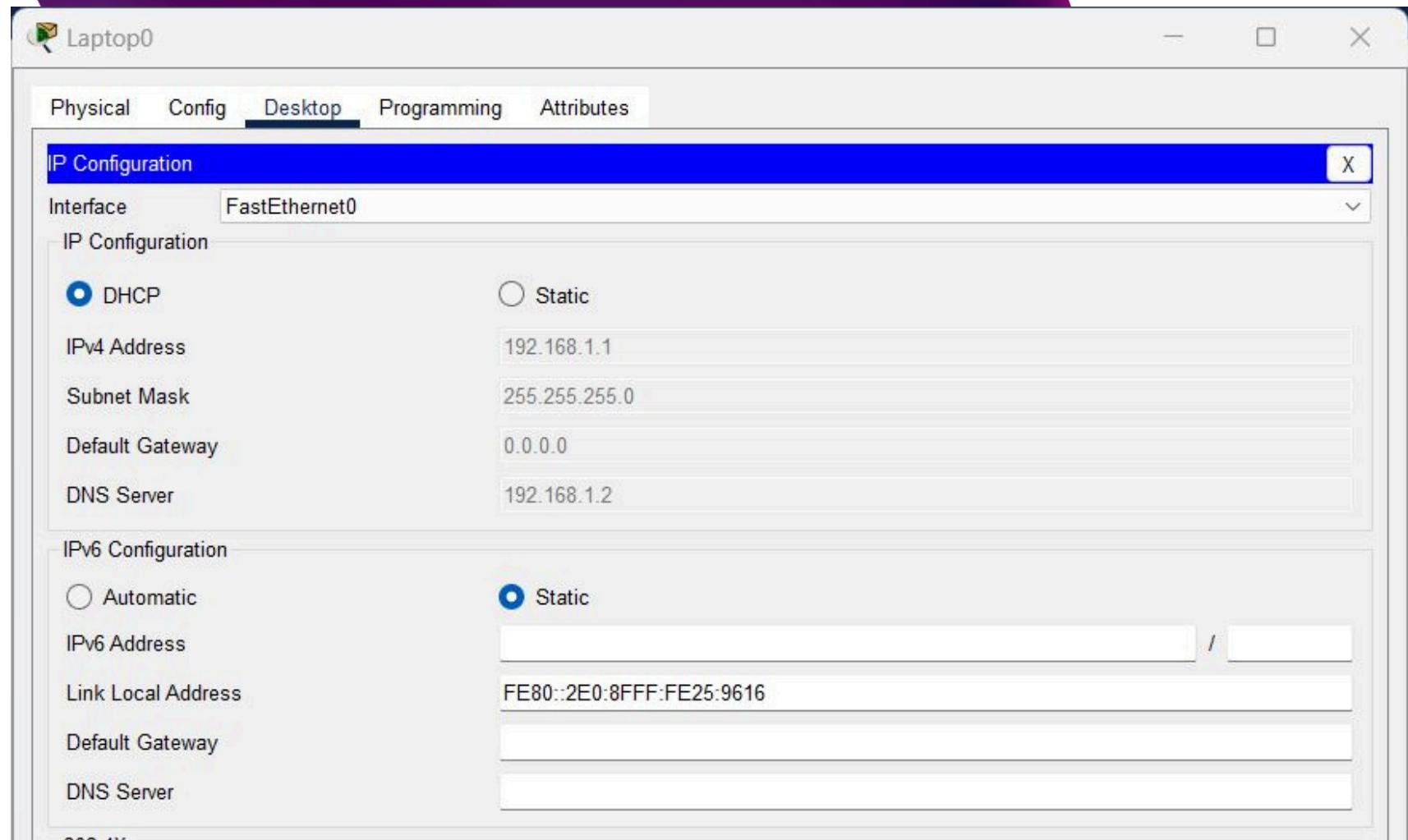
CONFIGURAZIONE E SERVER HTTP



FASE4

CONFIGURAZIONE LAPTOP

- **Cliccare sul LAPTOP che vorremo configurare**
- **Ciccare su DESKTOP+ IP Configuration e cliccare su DHCP (così il pc per avere un indirizzo IP lo chiederà al SERVER DHCP)**
- **Chiudere l'IP Configuration e cliccare su Command Prompt**
- **Scrivere nel prompt “ipconfig”**
- **scrivere nel prompt “nslookup episode.international” per verificare che il DNS mi restituisca correttamente episode.international**
- **Chiudere il Command Prompt e cliccare su Web Browser**
- **Scrivere nell’URL episode.international per verificare che si apra la pagina web correttamente**



CONFIGURAZIONE LAPTOP

COMMAND PROMPT

PC1

Laptop1

Physical Config Desktop Programming Attributes

Command Prompt X

```
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:FE8B:5DB1
IPv6 Address..... :::
Autoconfiguration IPv4 Address... 169.254.93.177
Subnet Mask..... 255.255.0.0
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:\>nslookup epicode.international

Server: [255.255.255.255]
Address: 255.255.255.255
DNS request timed out.
    timeout was 15000 milli seconds.
DNS request timed out.
    timeout was 15000 milli seconds.
DNS request timed out.
    timeout was 15000 milli seconds.

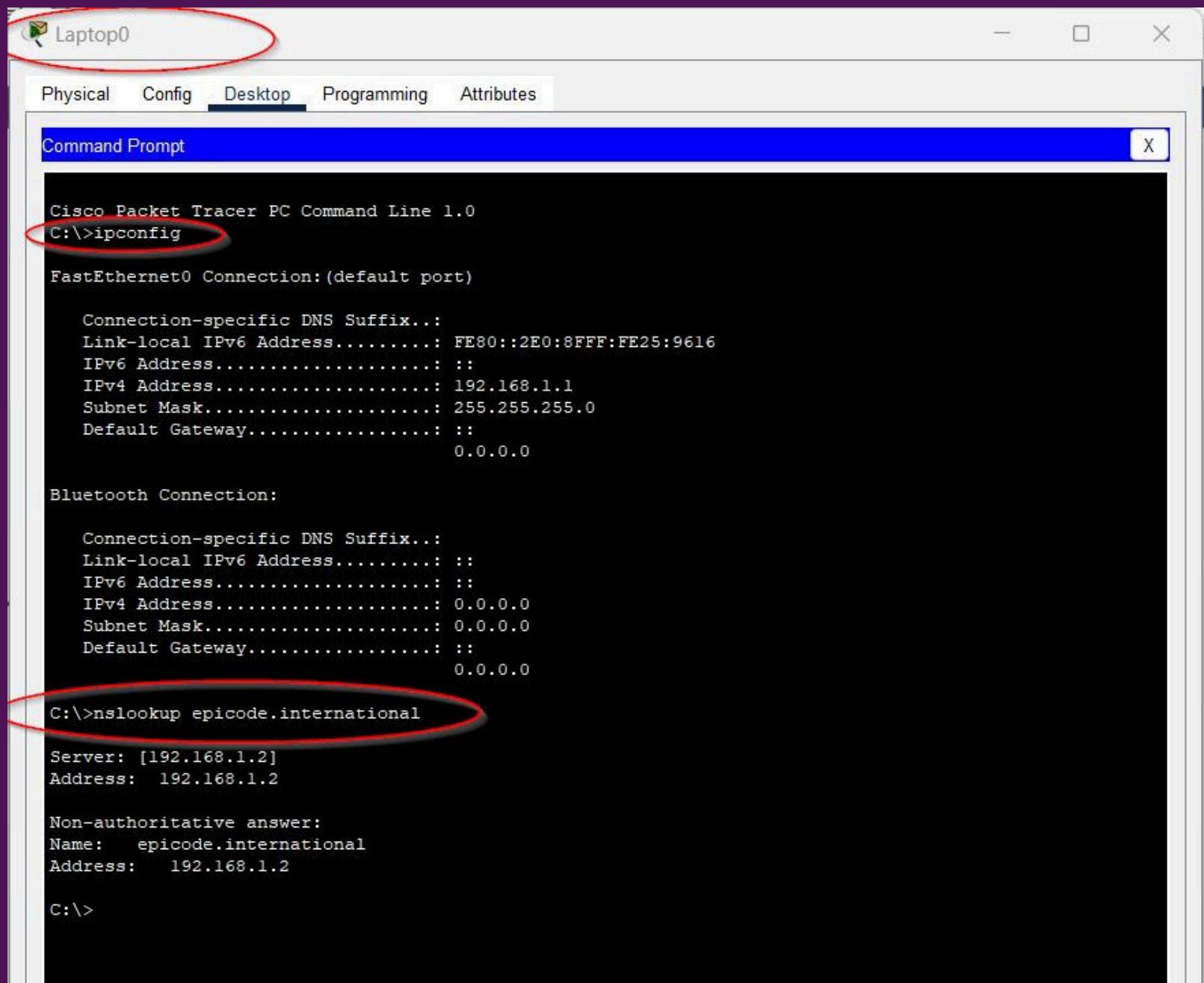
Server: [255.255.255.255]
Address: 255.255.255.255

Non-authoritative answer:
Name: epicode.international
Address: 192.168.1.2

C:\>
```

COMMAND PROMPT

PC0



Laptop0

Physical Config Desktop Programming Attributes

Command Prompt X

Cisco Packet Tracer PC Command Line 1.0

C:\>ipconfig

FastEthernet0 Connection: (default port)

Connection-specific DNS Suffix...:

Link-local IPv6 Address.....: FE80::2E0:8FFF:FE25:9616

IPv6 Address.....: ::

IPv4 Address.....: 192.168.1.1

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:\>nslookup epicode.international

Server: [192.168.1.2]

Address: 192.168.1.2

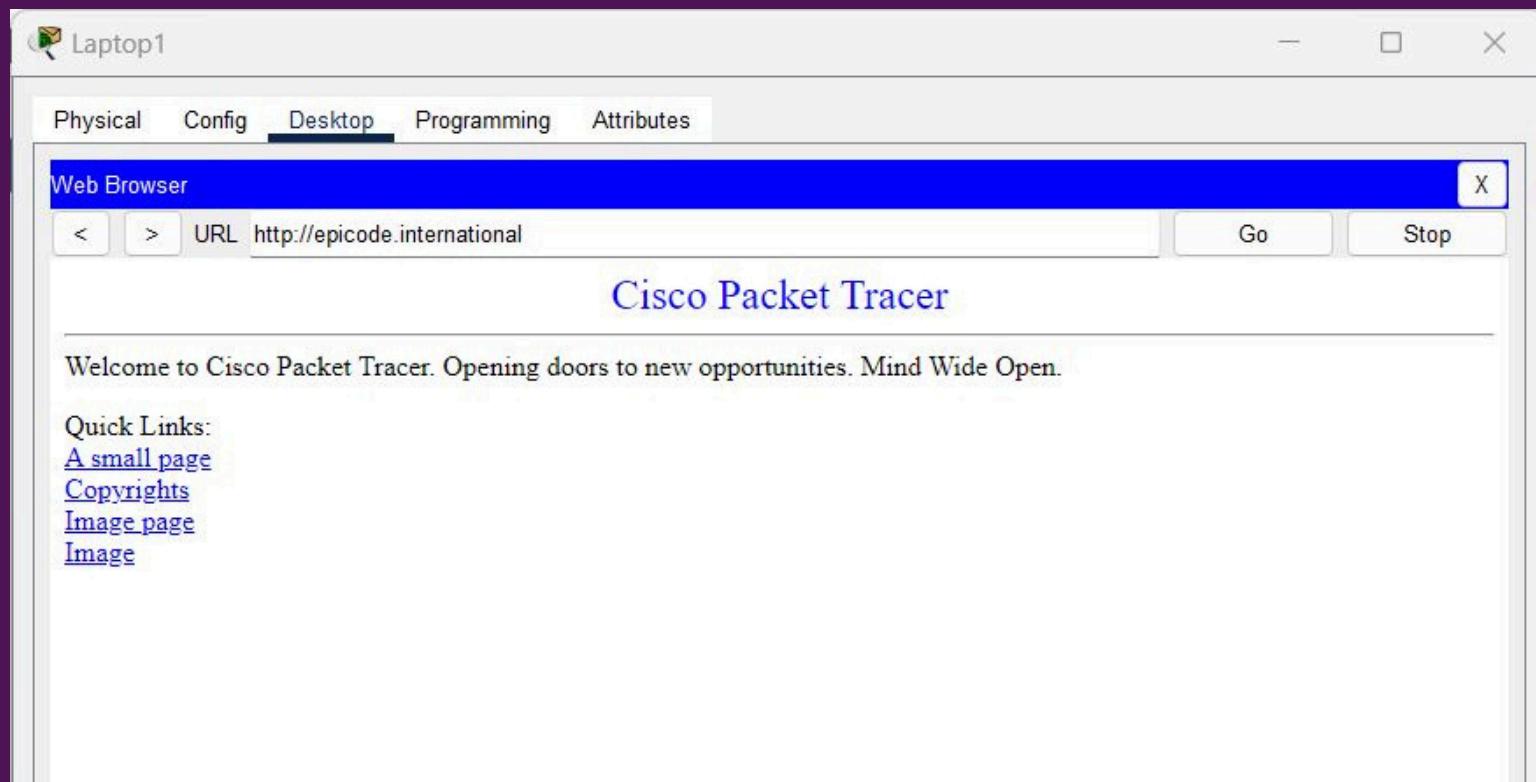
Non-authoritative answer:

Name: epicode.international

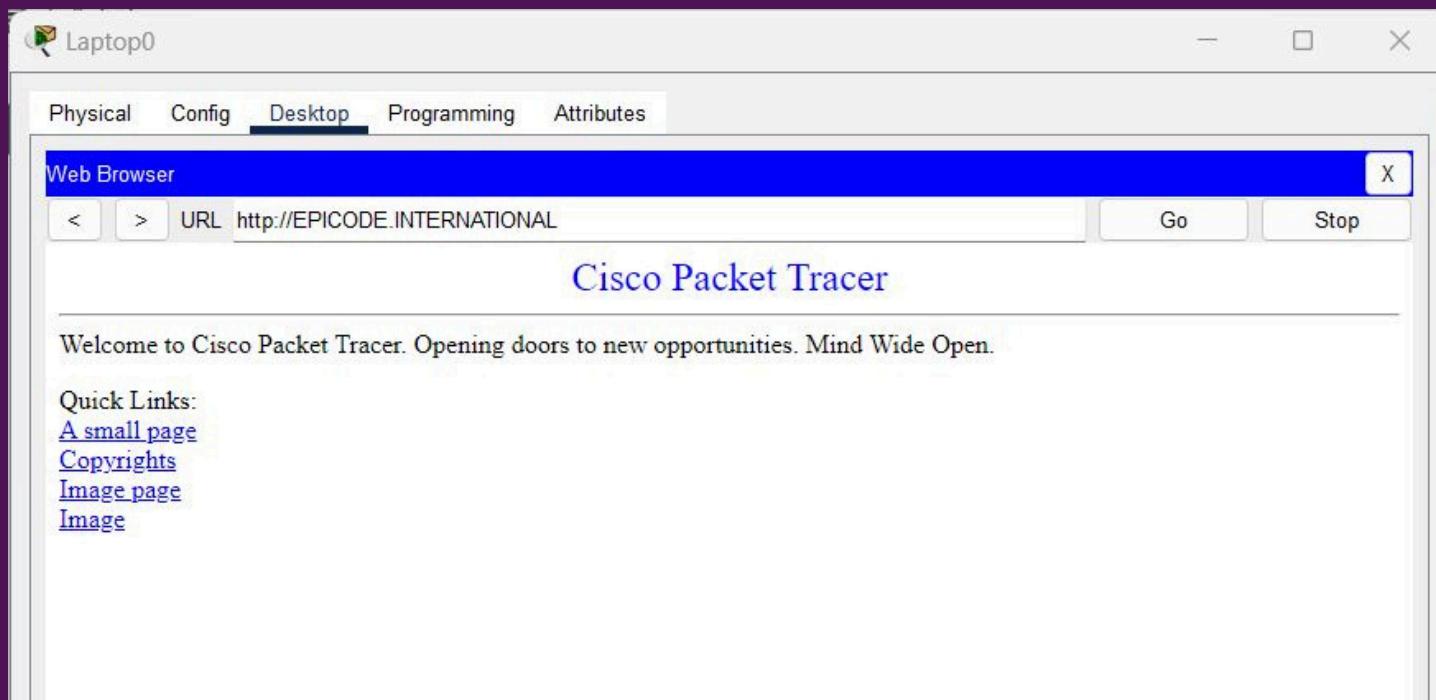
Address: 192.168.1.2

C:\>

WEB PAGE PC1



WEB PAGE PC1



FINE GUIDA CYBERPUNK