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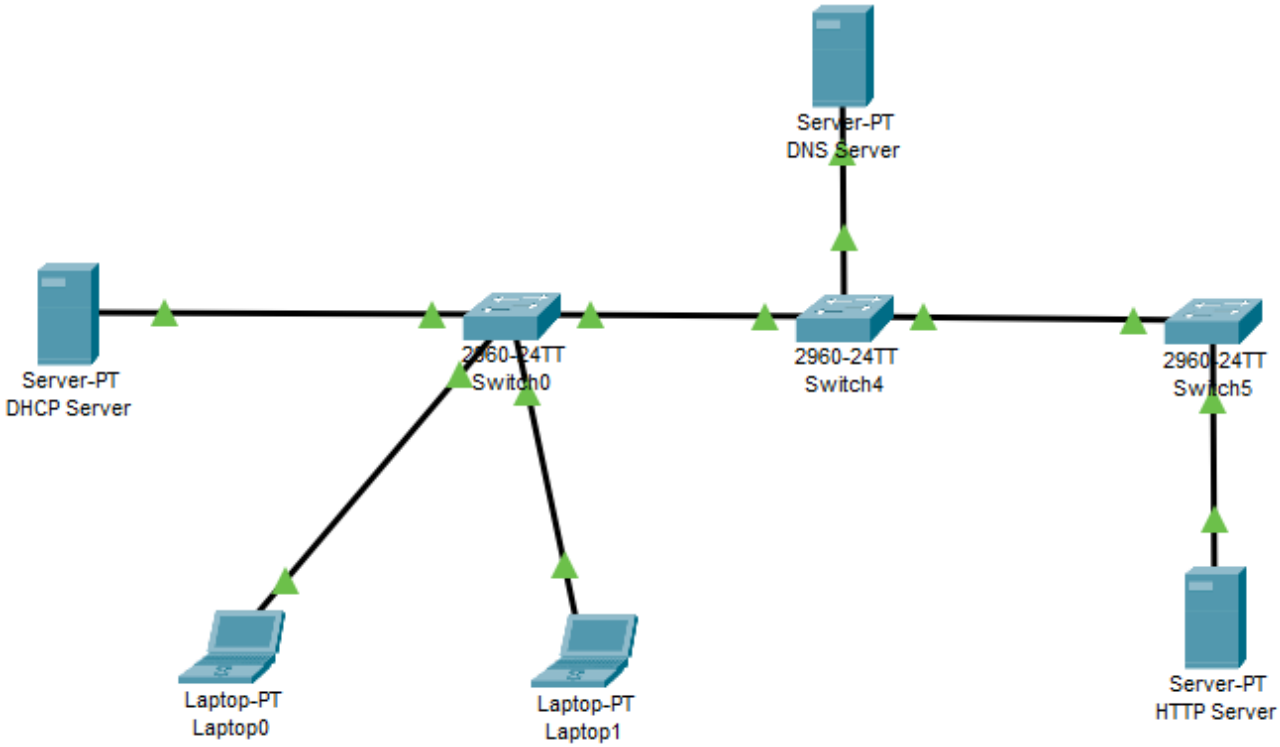
Configurazione di una rete con server DNS, HTTP e DHCP



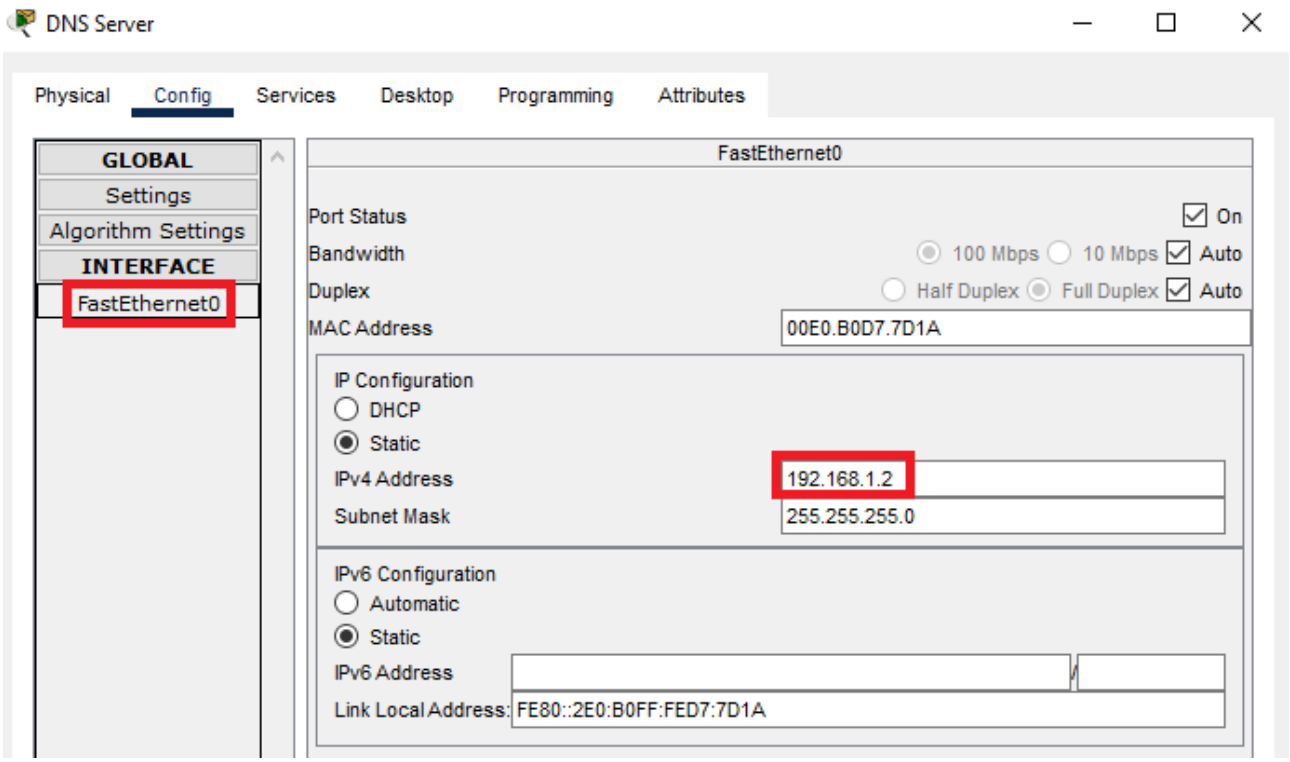
Software utilizzato: Cisco Packet Tracer

Composizione rete:

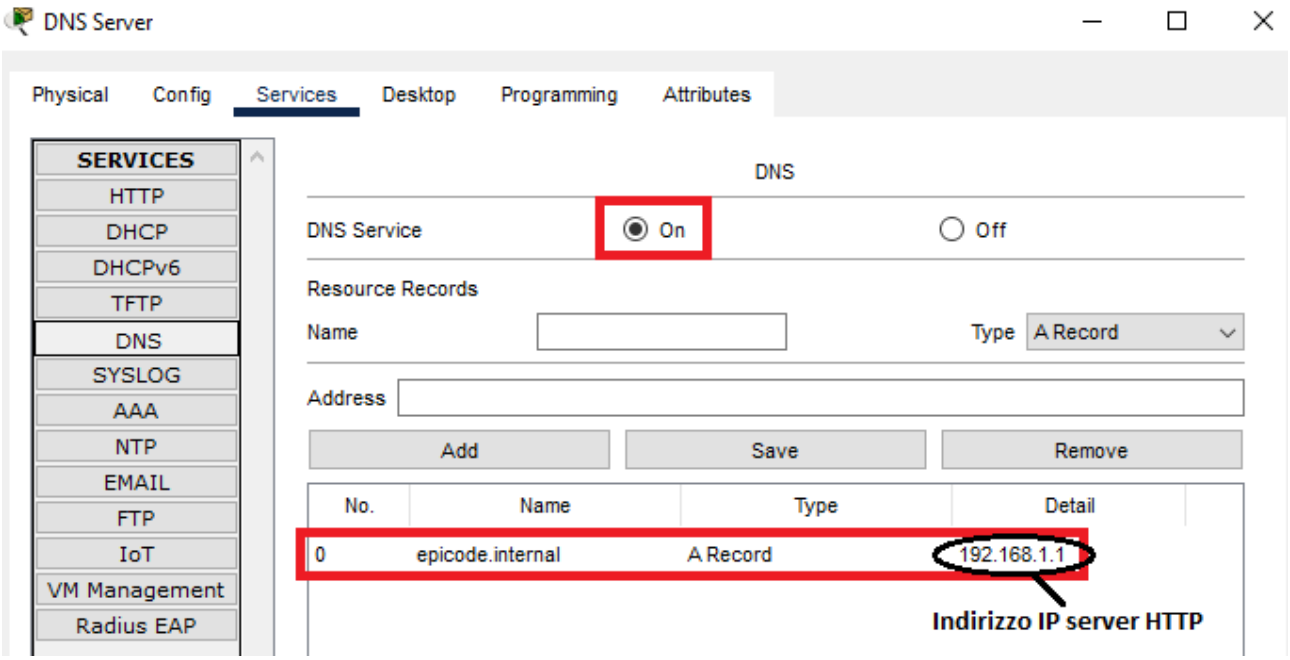
- 1 Server HTTP
- 1 Server DNS
- 1 Server DHCP
- 2 PC Laptop
- 3 Switch 2960-24TT

1. Configurazione dei Server con indirizzi IP statici

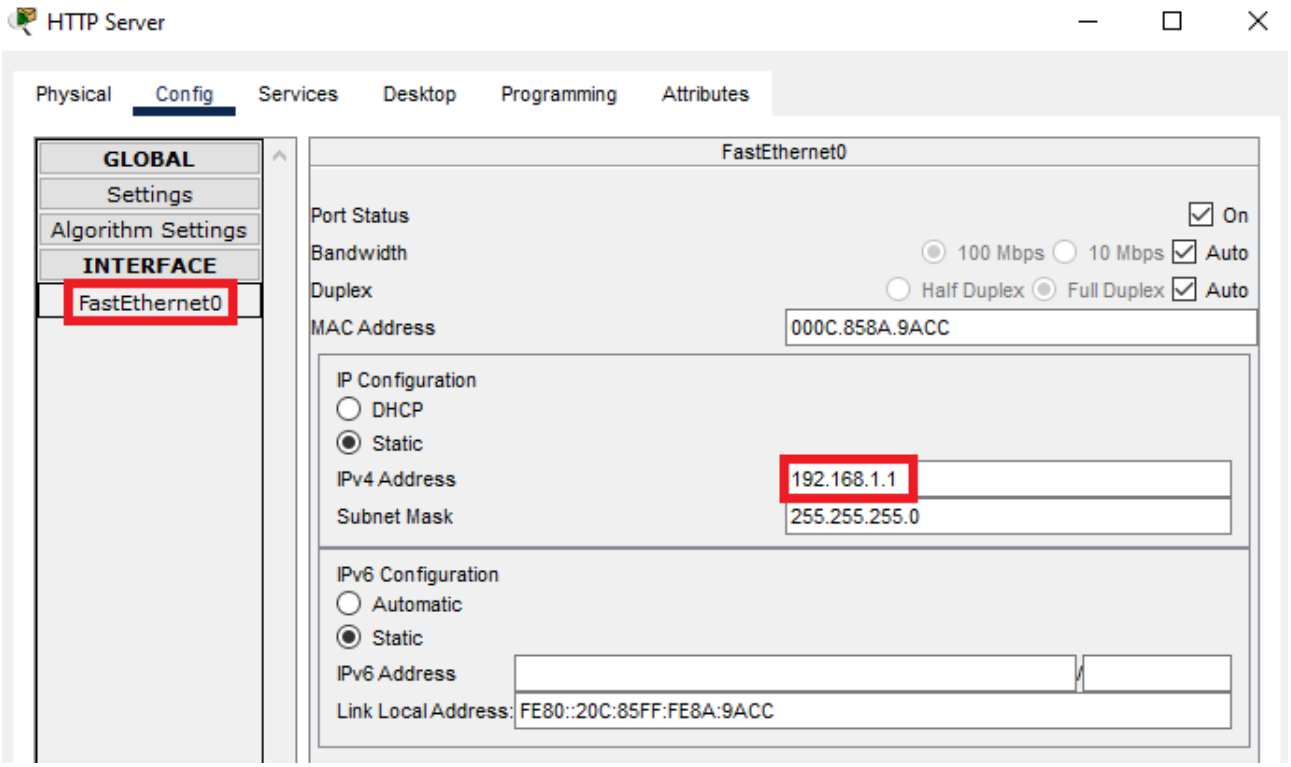
1.1 Configurazione Server DNS

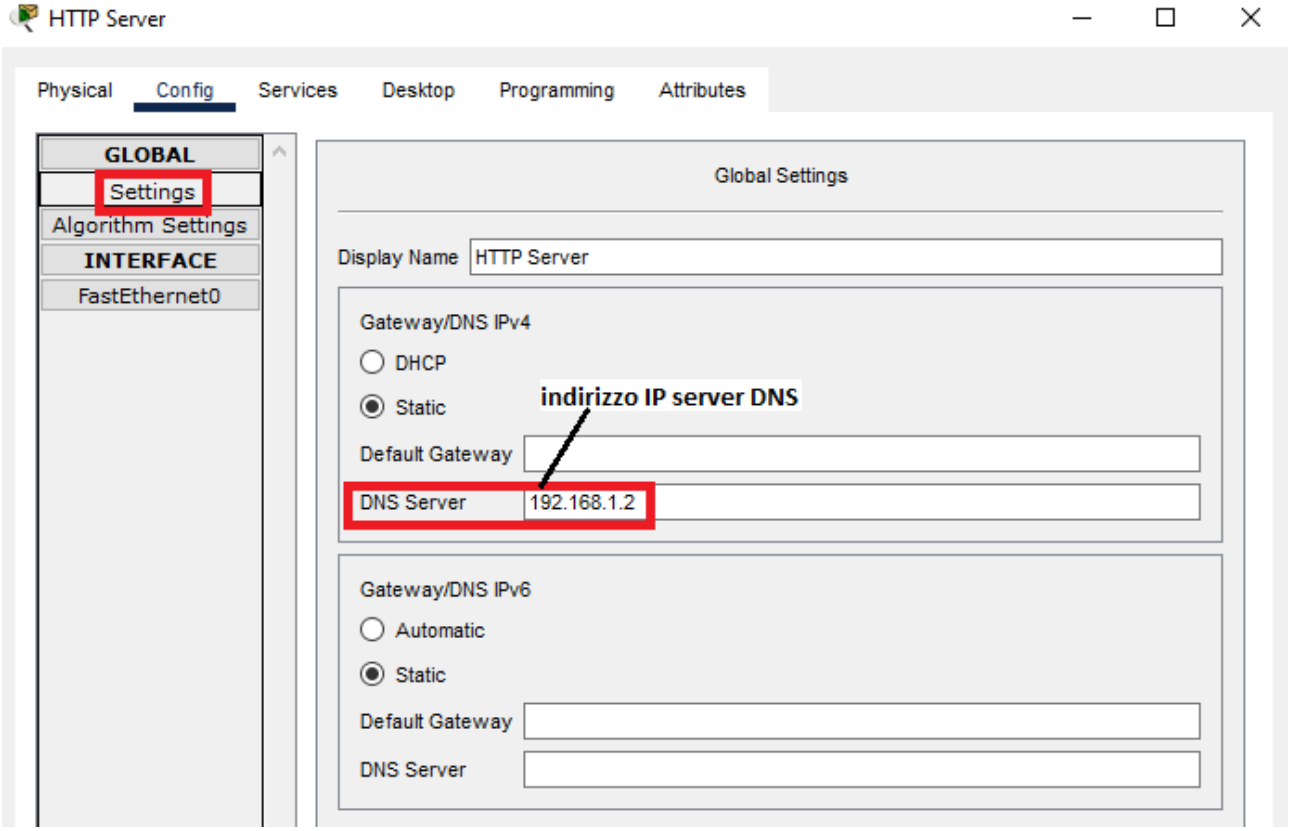


1.1.1 Configurazione di un “Record A” con nome **epicode.internal** associato all’indirizzo IP del server HTTP

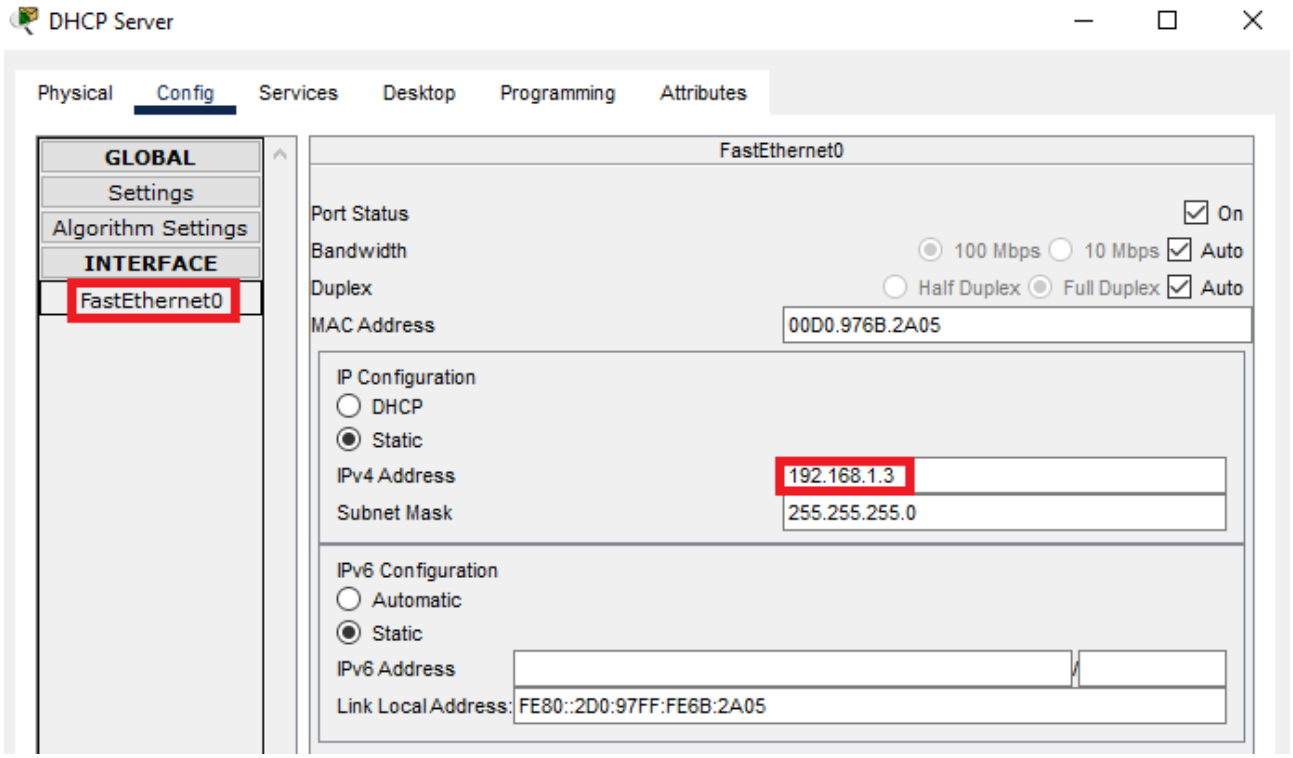


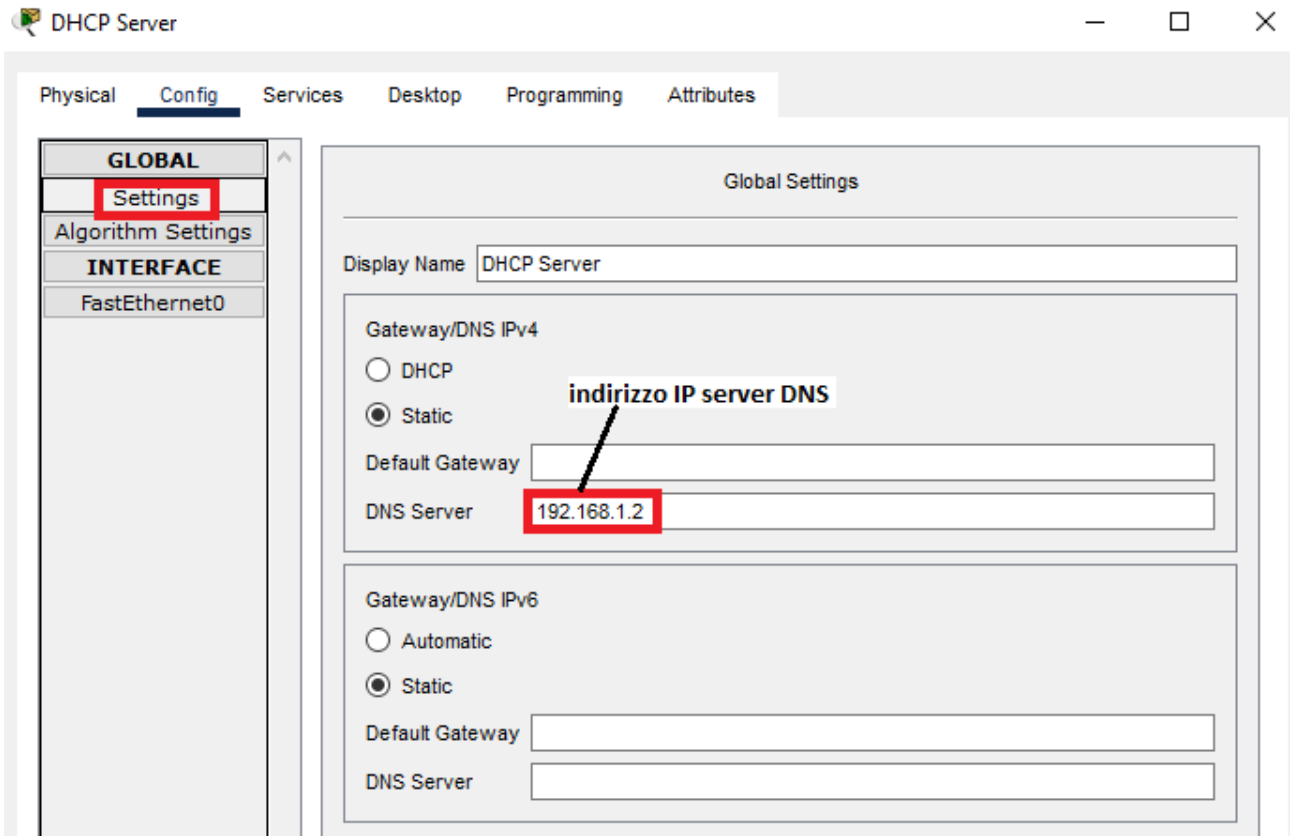
1.2 Configurazione Server HTTP

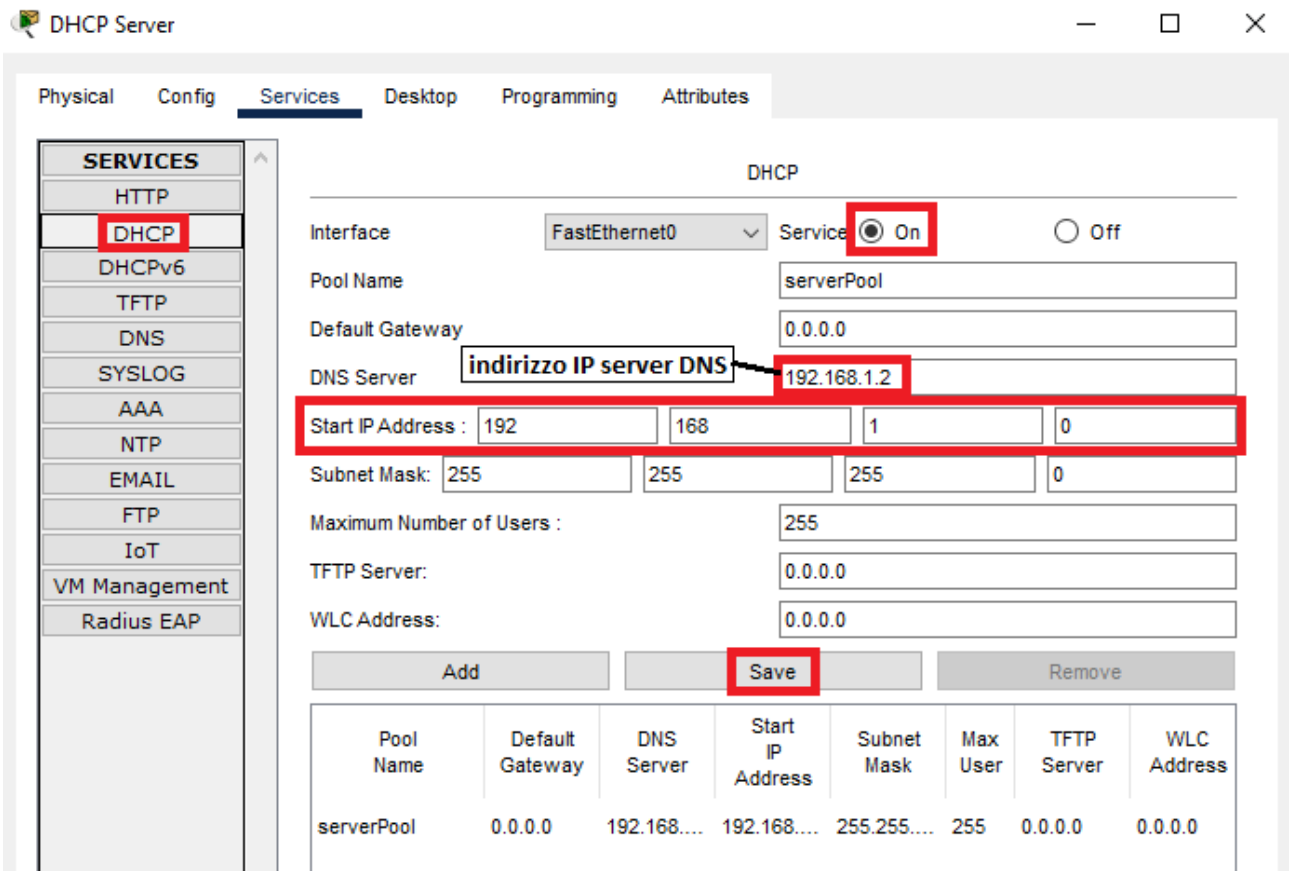




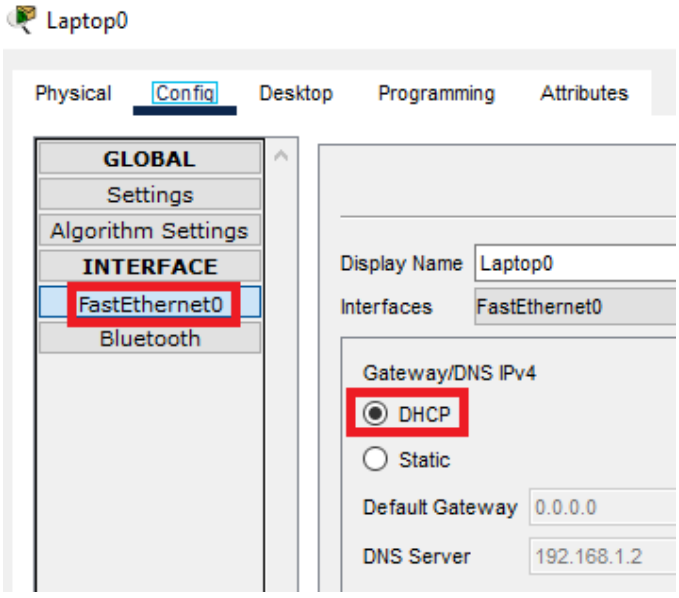
1.3 Configurazione Server DHCP

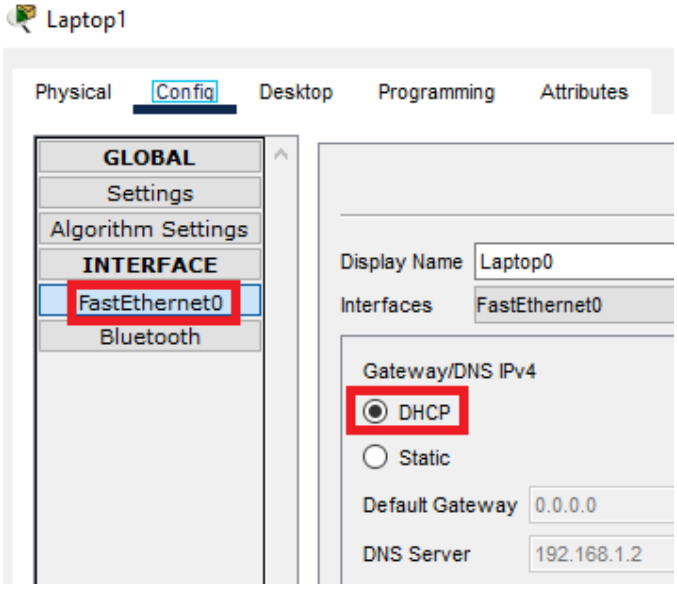






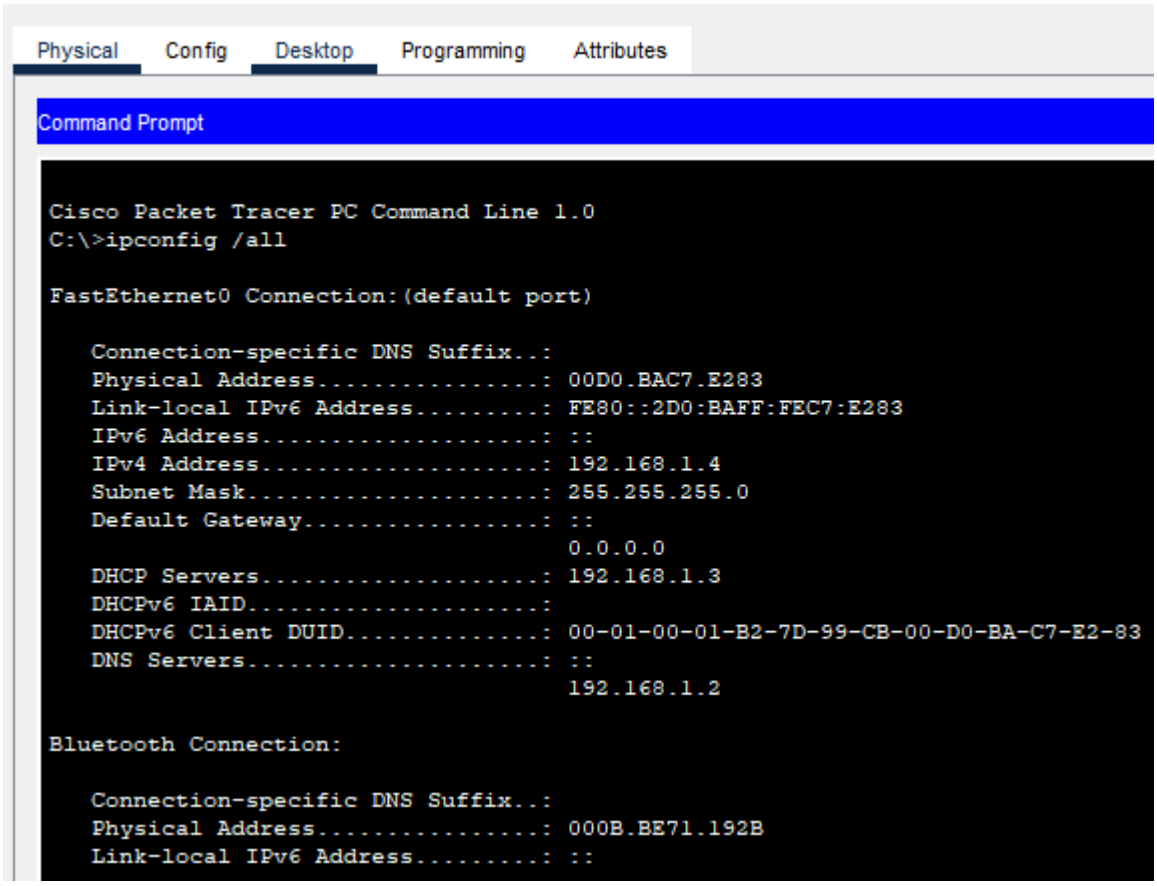
2. Attivazione del protocollo DHCP sui due Client (*Laptop0* e *Laptop1*), affinché venga loro assegnato un indirizzo IP dal Server DHCP.



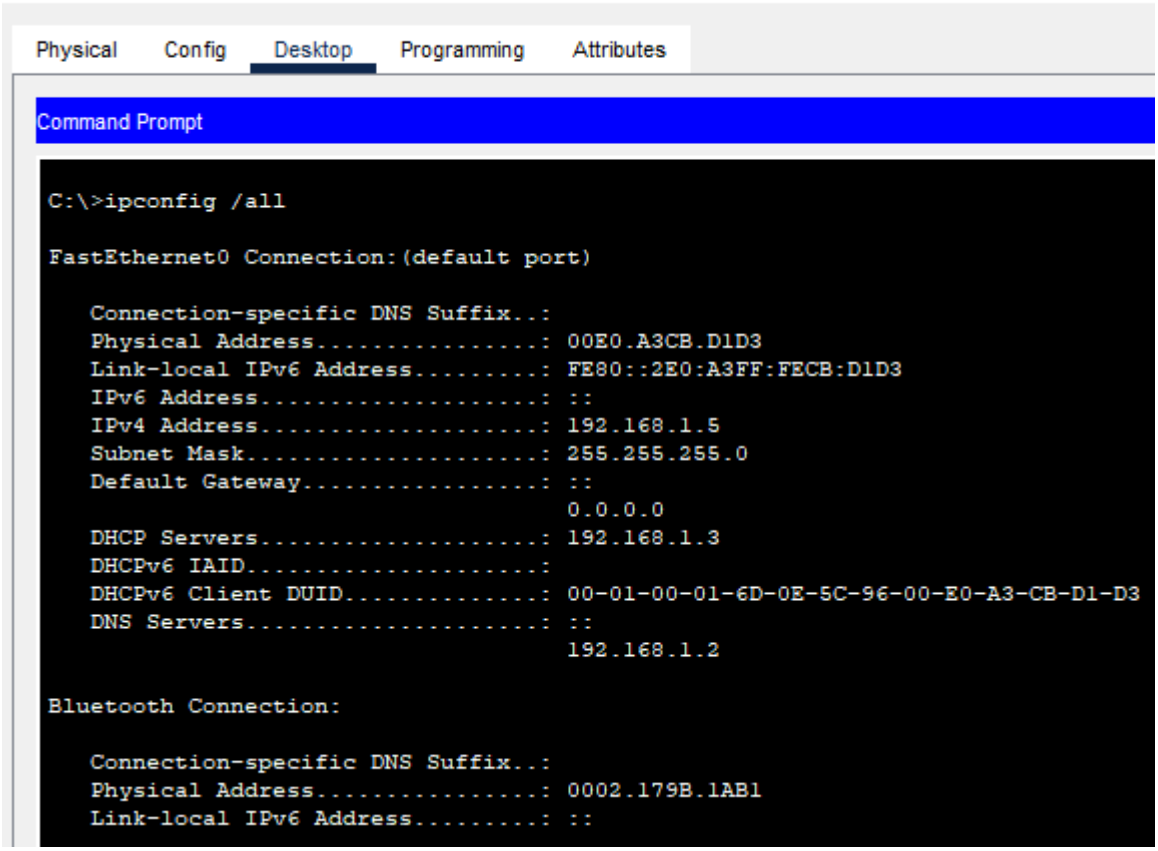


3. Verifica della configurazione delle interfacce di rete sui due Client, eseguendo il comando **ipconfig /all**

Laptop0

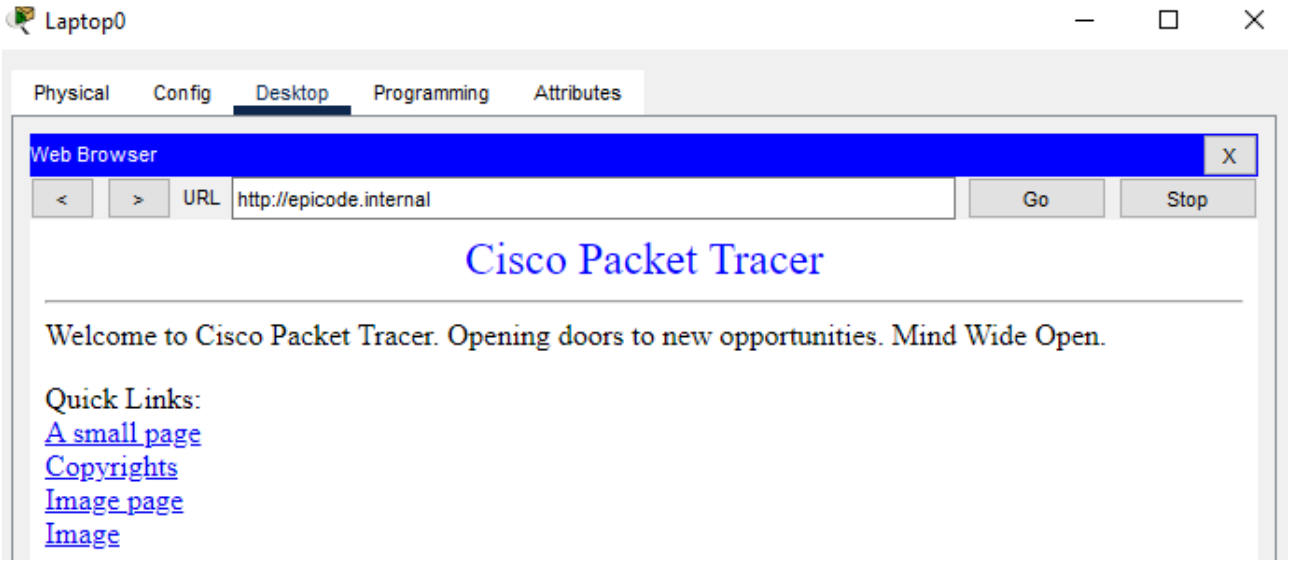


Laptop1



4. Verifica su Client della corretta risoluzione dell'indirizzo **epicode.internal** da parte del server DNS

4.1 Tramite browser:



4.2 Tramite prompt dei comandi:

```
C:\>nslookup epicode.internal

Server: [192.168.1.2]
Address:  192.168.1.2

Non-authoritative answer:
Name:   epicode.internal
Address:   192.168.1.1
```