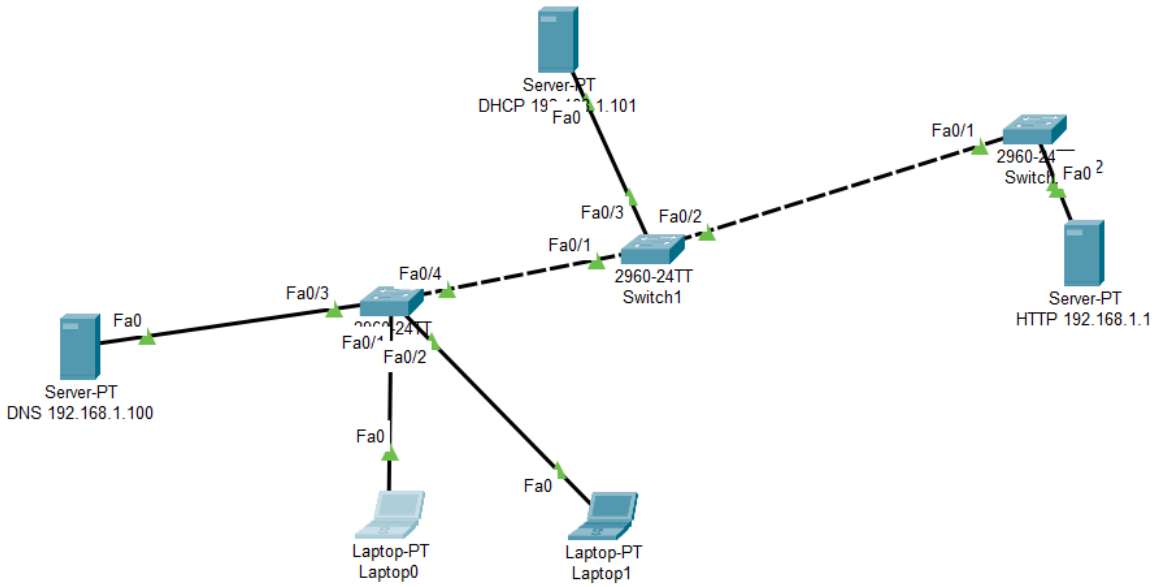
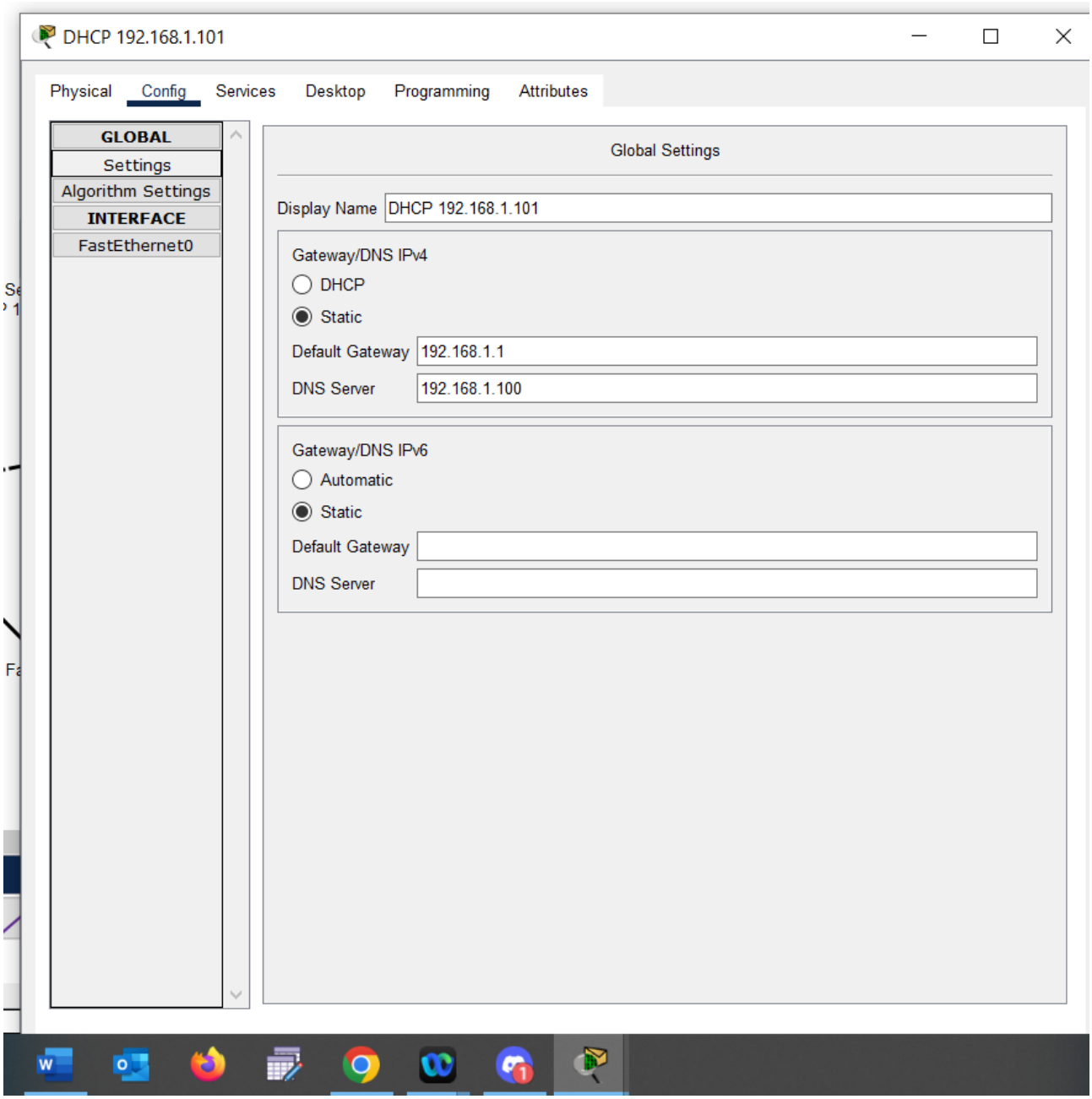
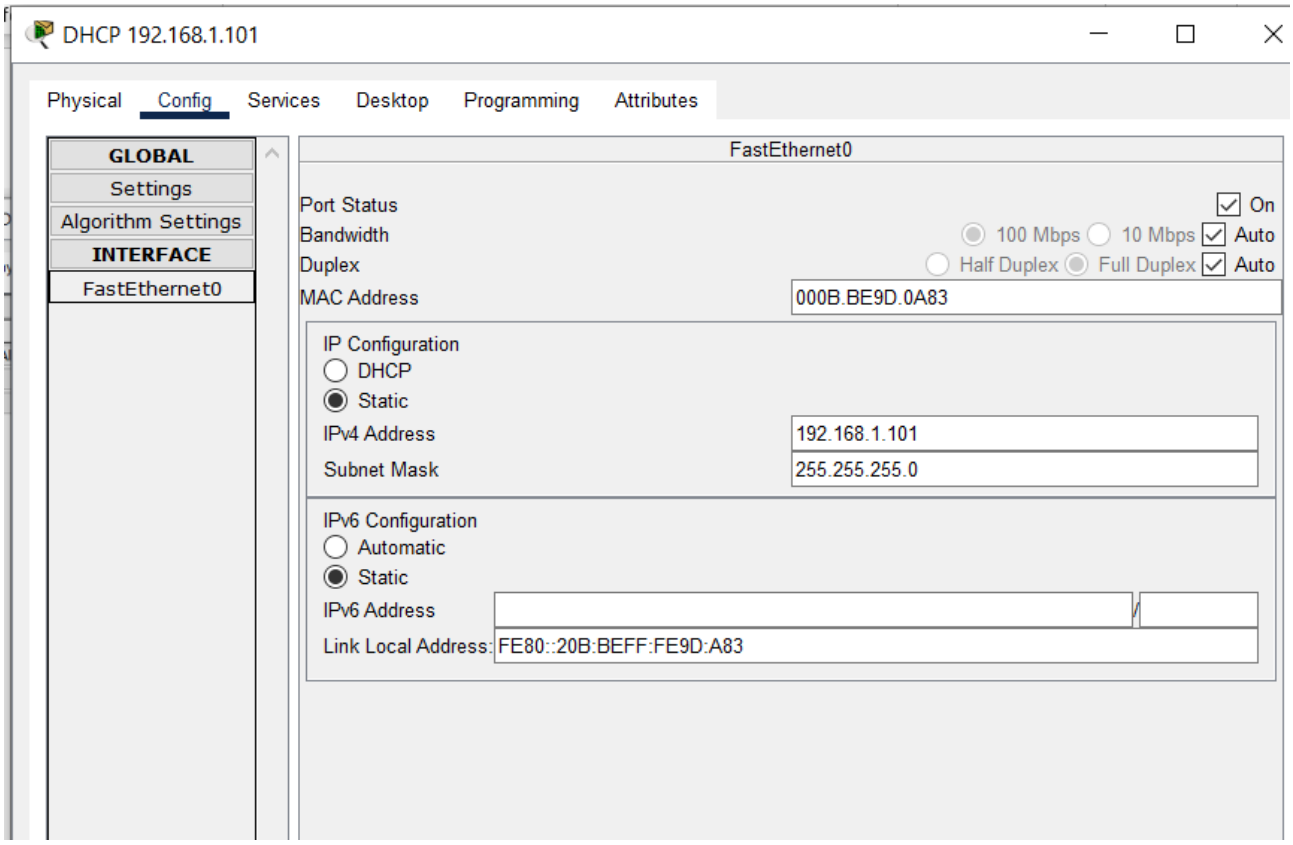
Panoramica collegamenti



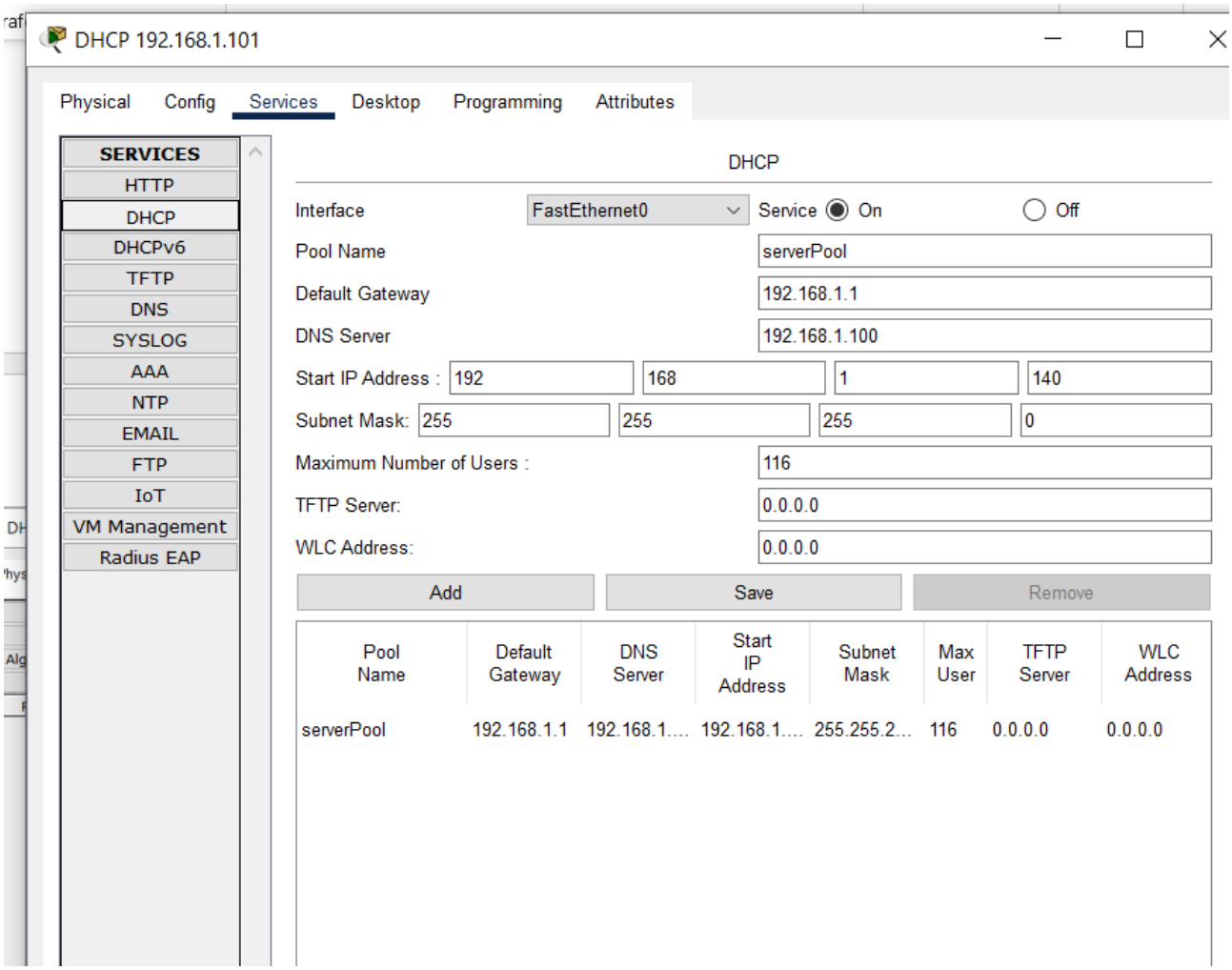
Configurazione dei server:

DHCP

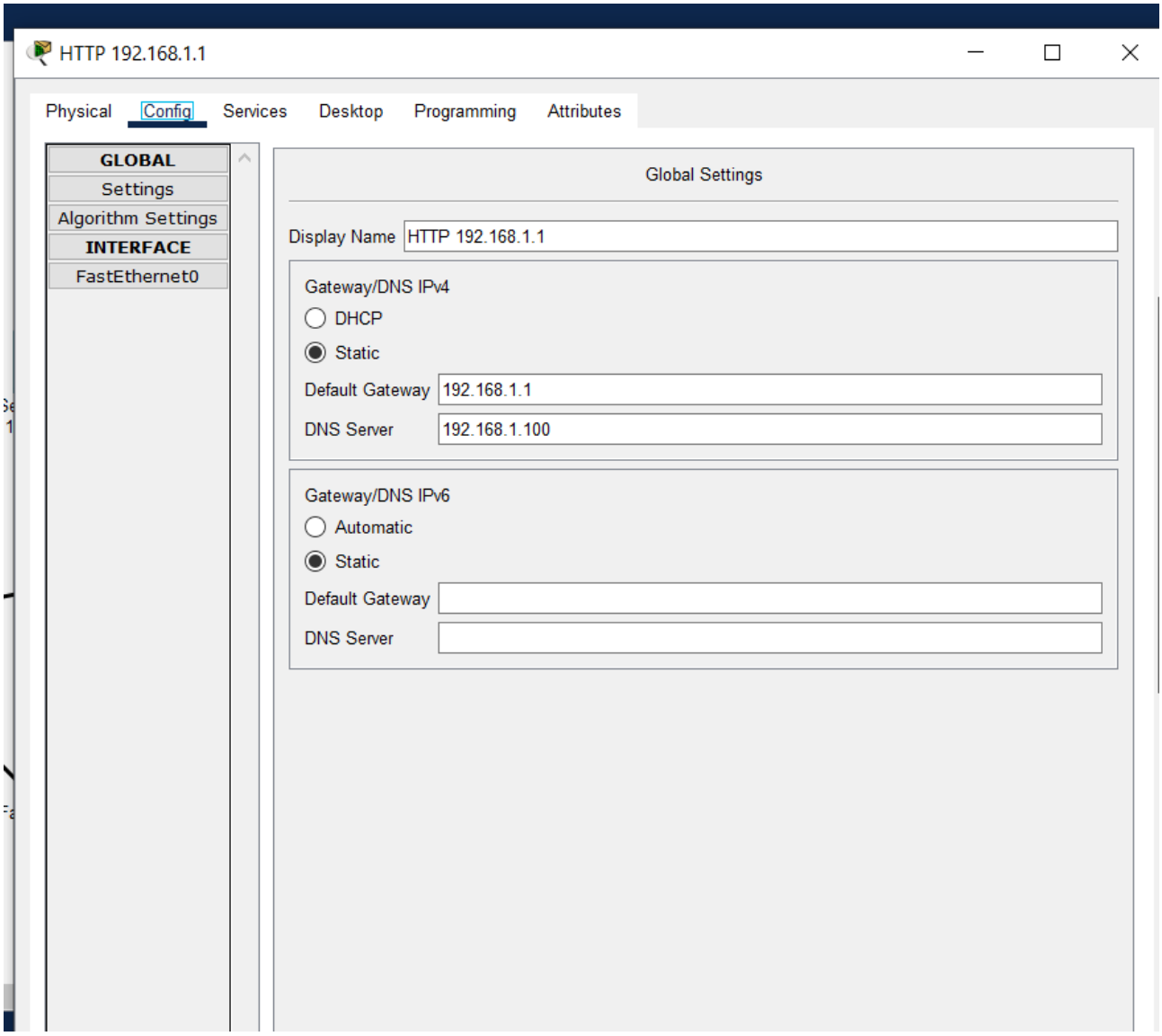


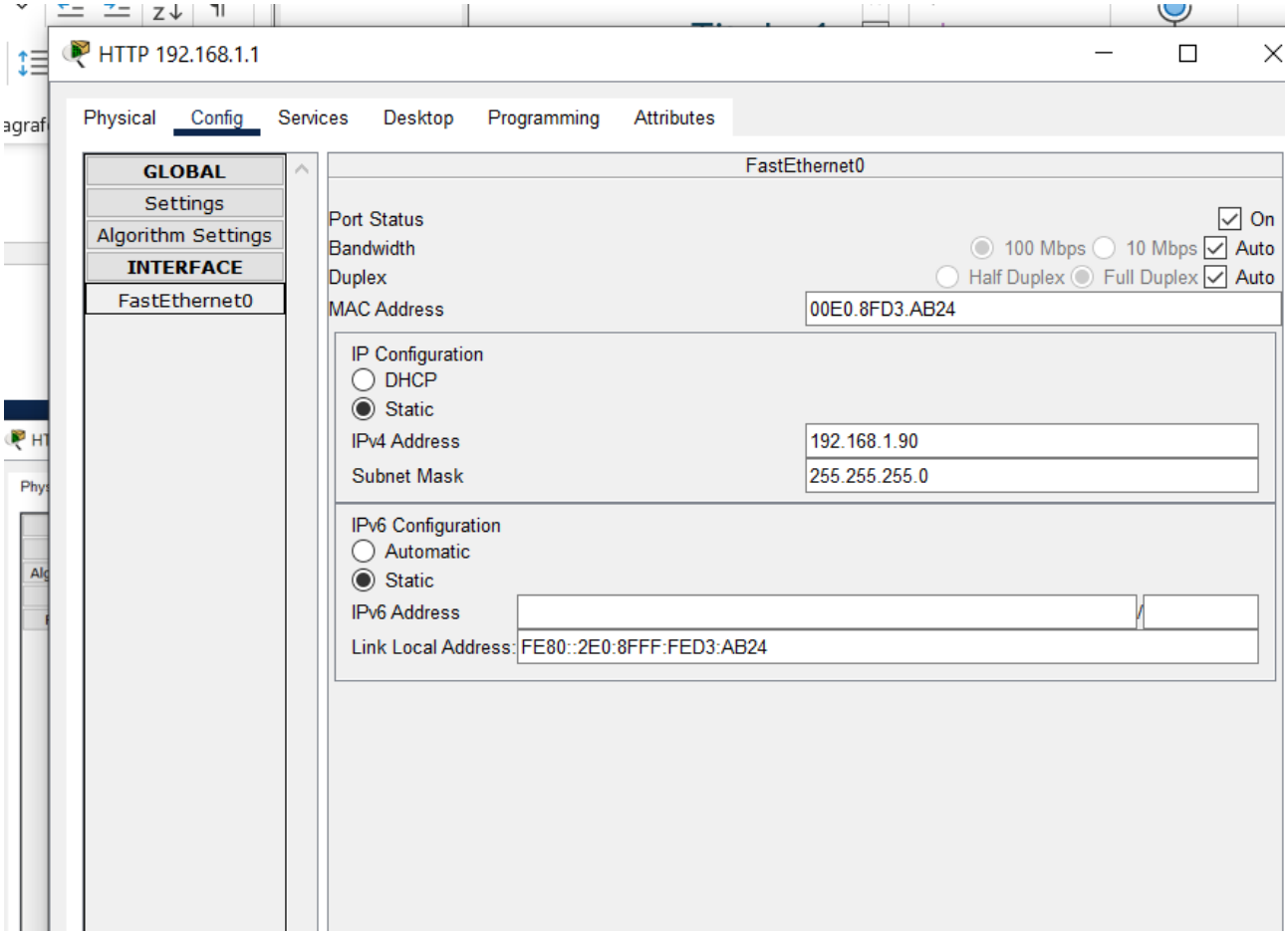

DHCP 192.168.1.101
Physical
Config
Services
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
FastEthernet0
Port Status
On
Bandwidth
100 Mbps
10 Mbps
Auto
Duplex
Half Duplex
Full Duplex
Auto
MAC Address
000B.BE9D.0A83
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.101
Subnet Mask
255.255.255.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address:
FE80::20B:BEFF:FE9D:A83

I PC devono avere IP maggiore o uguale a 140

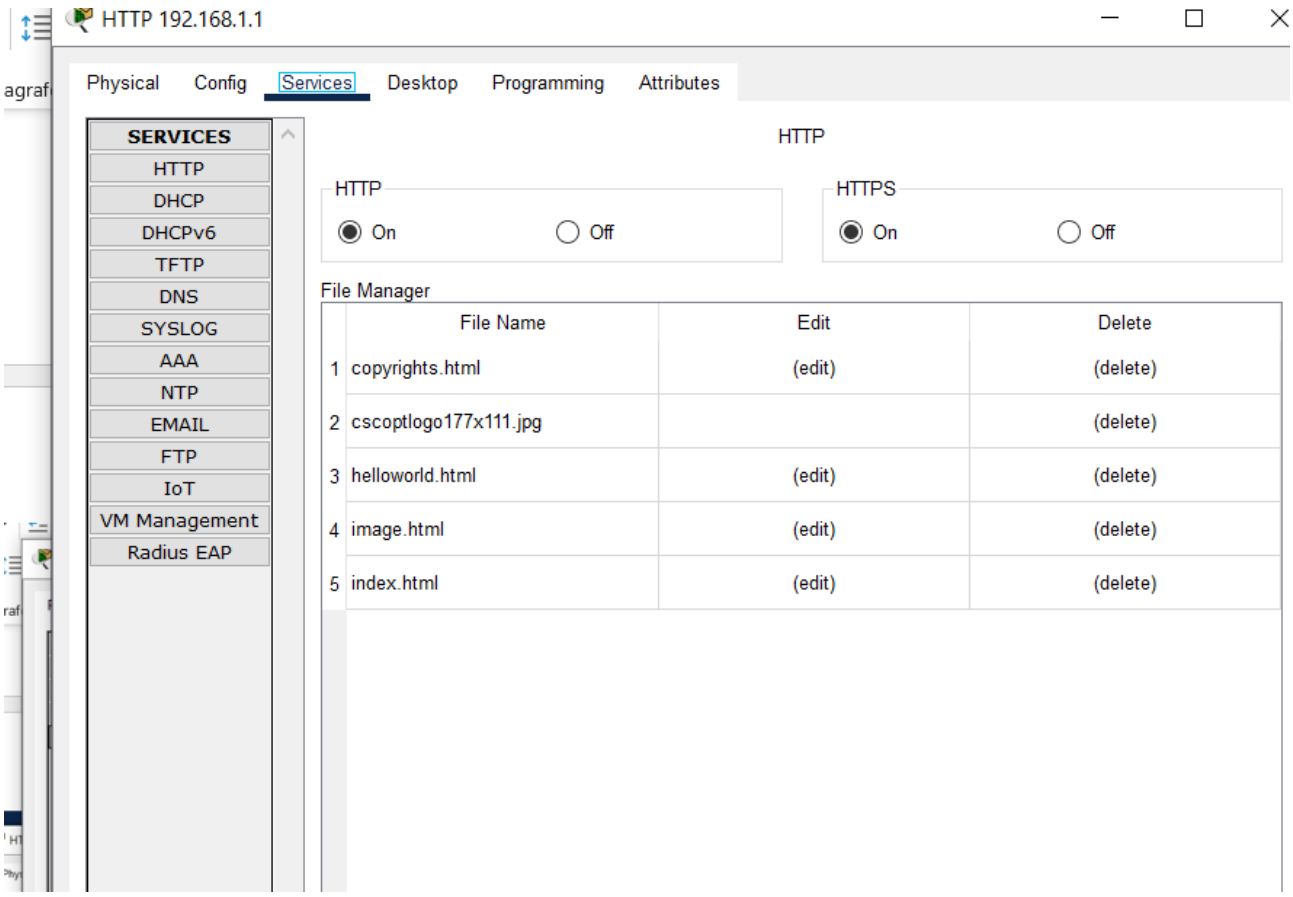


HTTP

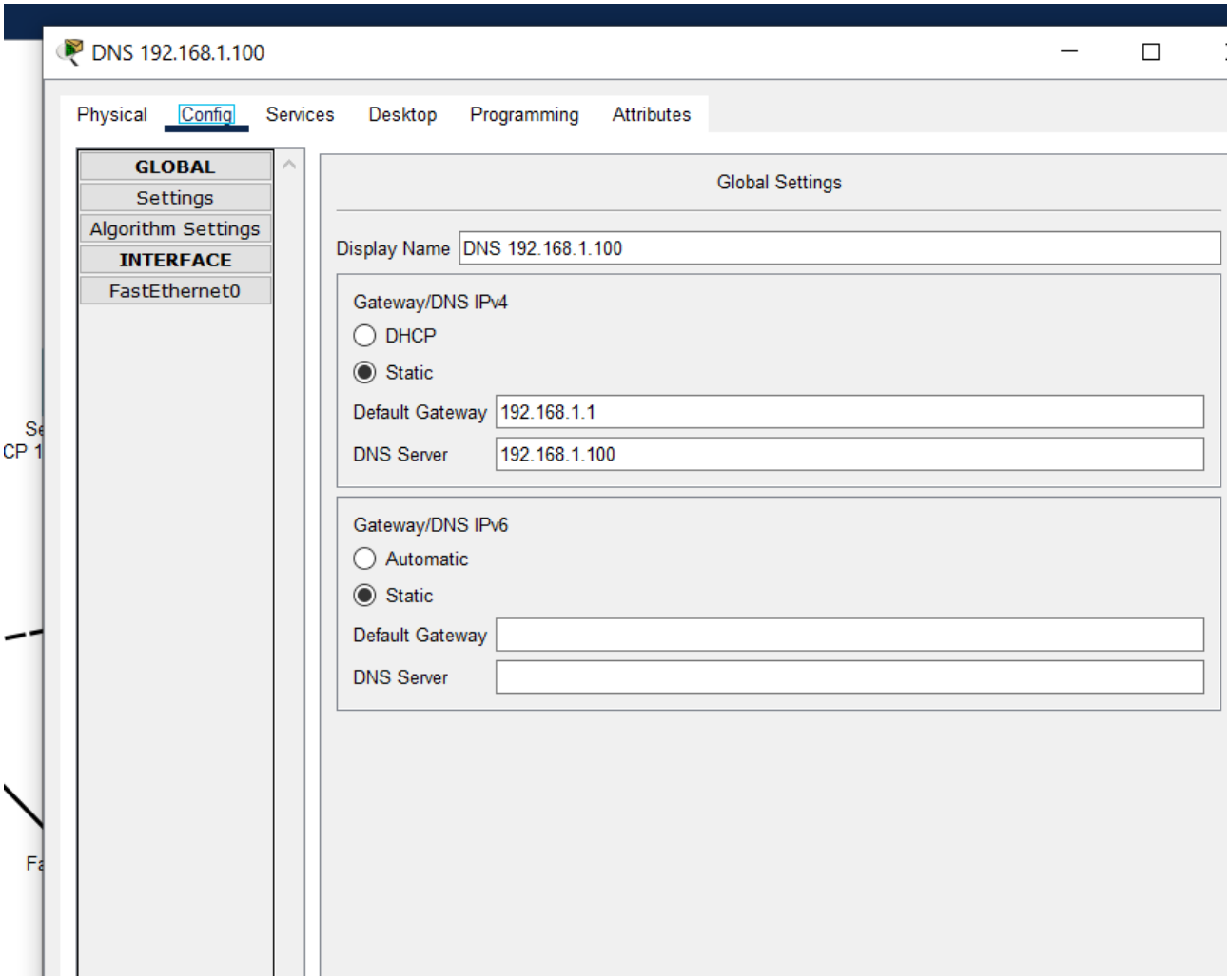

HTTP 192.168.1.1
Physical
Config
Services
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Global Settings
Display Name
HTTP 192.168.1.1
Gateway/DNS IPv4
DHCP
Static
Default Gateway
192.168.1.1
DNS Server
192.168.1.100
Gateway/DNS IPv6
Automatic
Static
Default Gateway
DNS Server

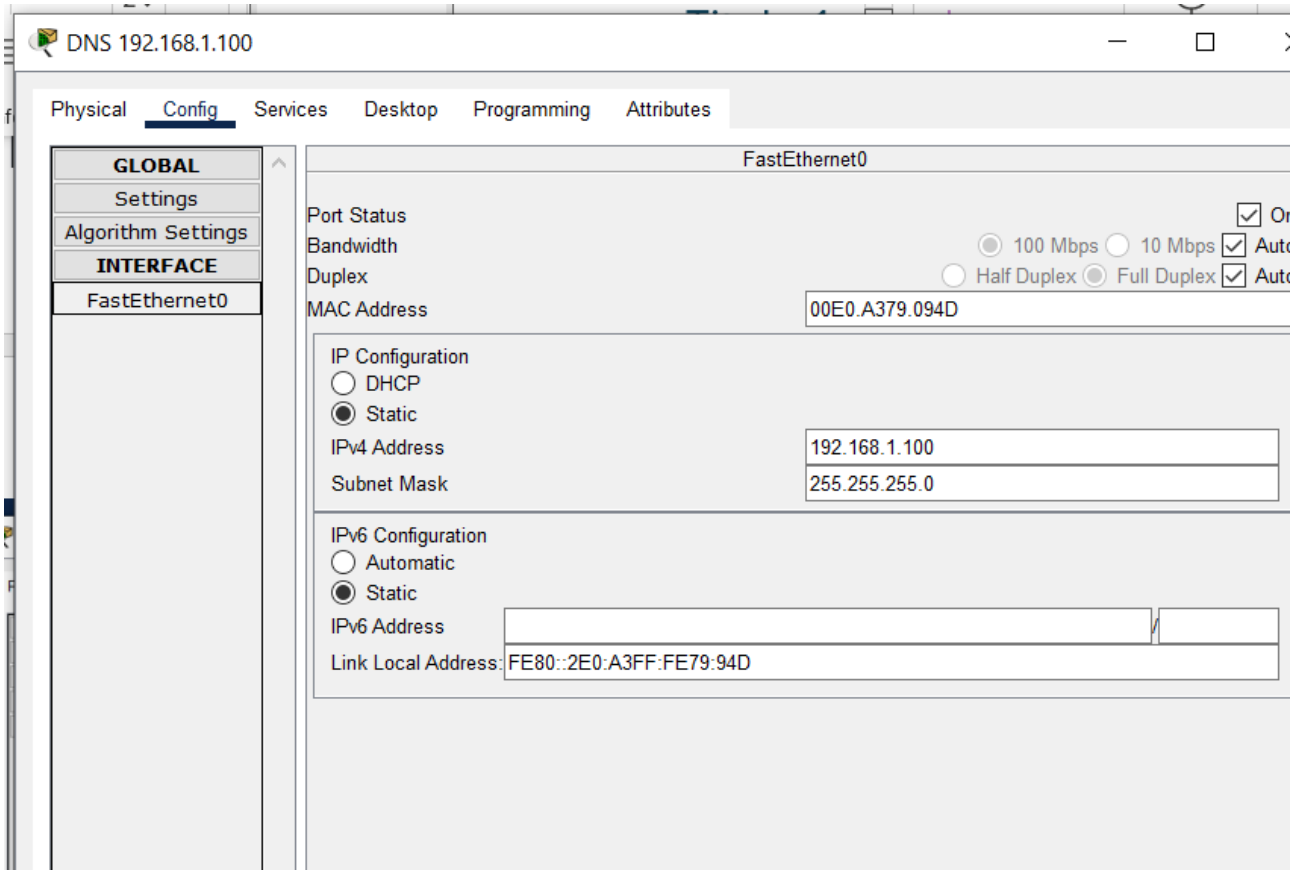


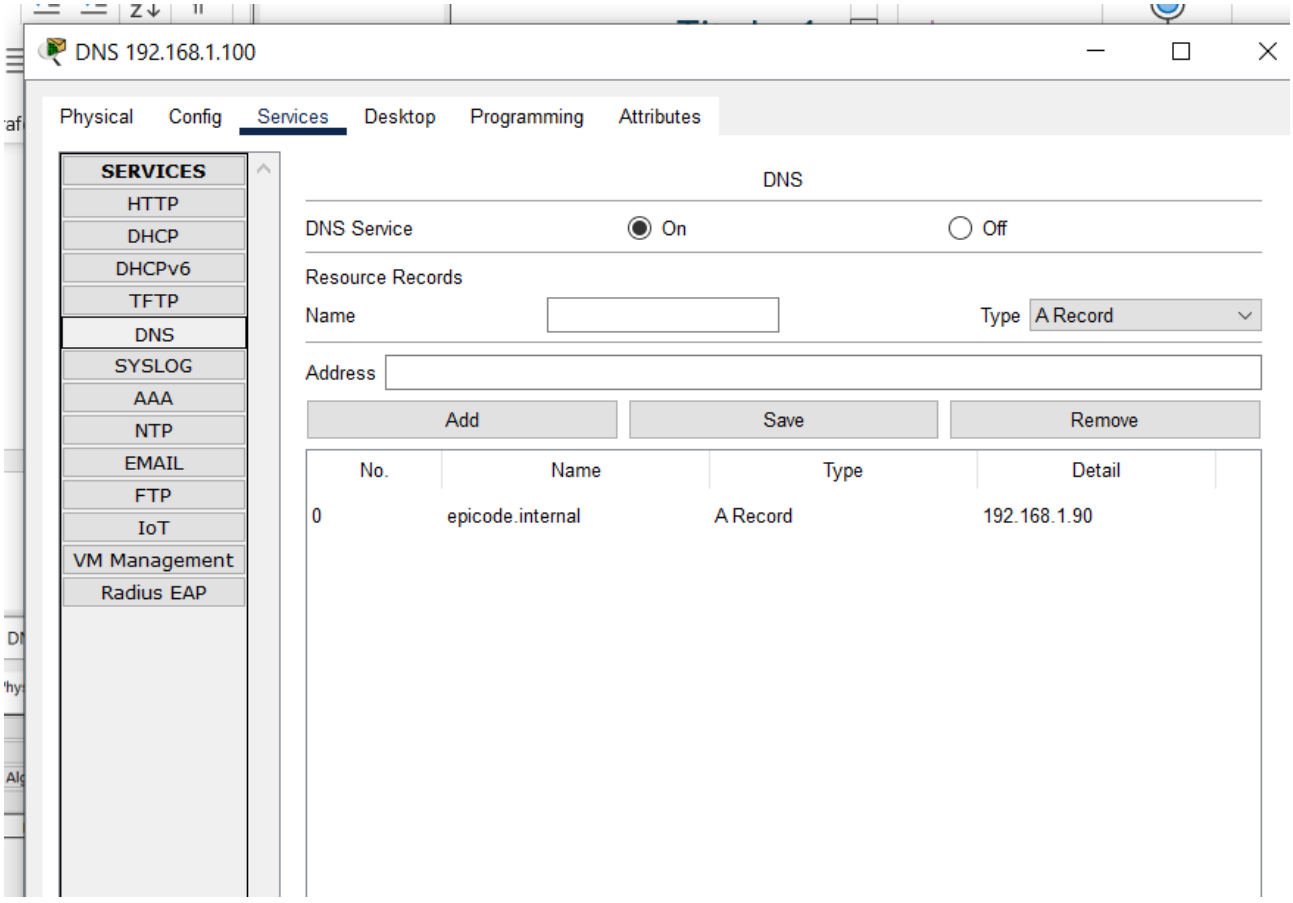
192.168.1.90->indirizzo pagina epicode.internal



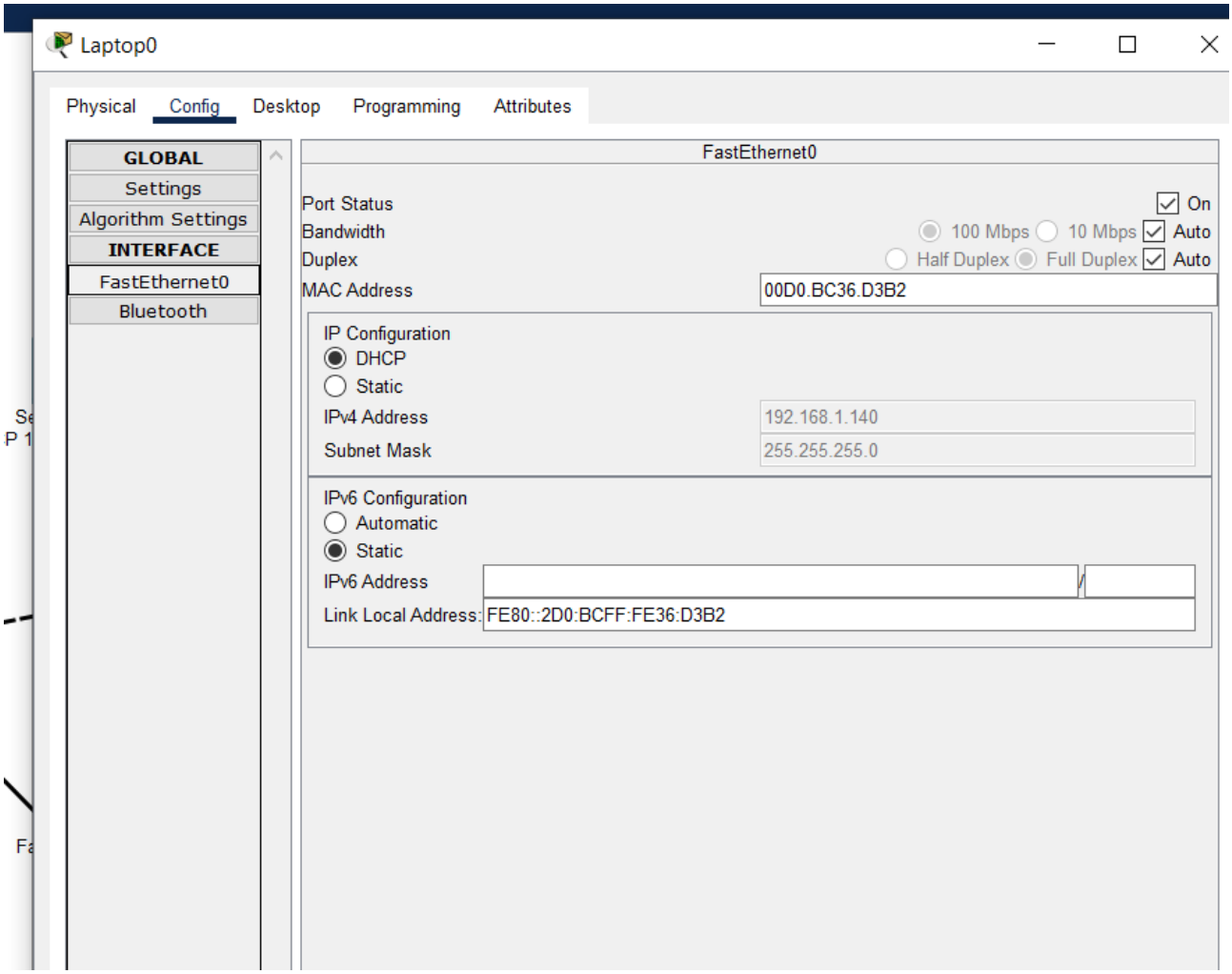
DNS


DNS 192.168.1.100
Physical
Config
Services
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Global Settings
Display Name
DNS 192.168.1.100
Gateway/DNS IPv4
DHCP
Static
Default Gateway
192.168.1.1
DNS Server
192.168.1.100
Gateway/DNS IPv6
Automatic
Static
Default Gateway
DNS Server

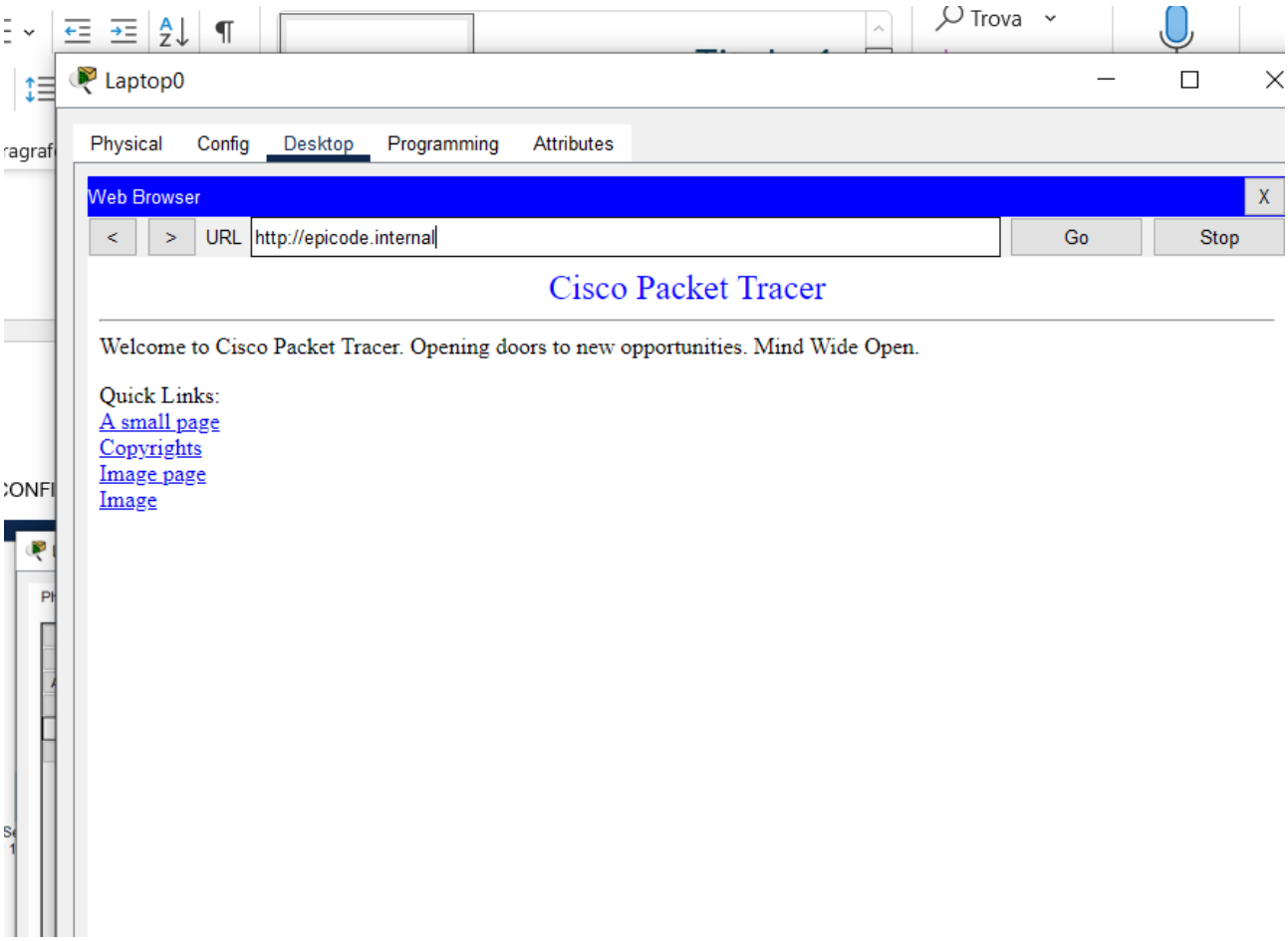

DNS 192.168.1.100
Physical
Config
Services
Desktop
Programming
Attributes
GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
FastEthernet0
Port Status
Bandwidth
100 Mbps
10 Mbps
Duplex
Half Duplex
Full Duplex
MAC Address
00E0.A379.094D
IP Configuration
DHCP
Static
IPv4 Address
192.168.1.100
Subnet Mask
255.255.255.0
IPv6 Configuration
Automatic
Static
IPv6 Address
Link Local Address
FE80::2E0:A3FF:FE79:94D


DNS 192.168.1.100
Physical
Config
Services
Desktop
Programming
Attributes
SERVICES
HTTP
DHCP
DHCPv6
TFTP
DNS
SYSLOG
AAA
NTP
EMAIL
FTP
IoT
VM Management
Radius EAP
DNS
DNS Service
On
Off
Resource Records
Name
Type
A Record
Address
Add
Save
Remove
No.
Name
Type
Detail
0
epicode.internal
A Record
192.168.1.90

Configurazione laptop



Ricerca sito web



FACOLTATIVO

1. LIVELLO FISICO → mezzi di comunicazione fisici e tecnologie per la trasmissione attraverso il mezzo fisico (cavi e switch per connessione videocamera server)
2. LIVELLO DATA → connessione della videocamera e del server attraverso la rete tramite indirizzi MAC per identificazione dispositivi sulla rete e gestione dei segnali digitali incapsulati in pacchetti dati
3. LIVELLO RETE → indirizzamento pacchetti di dati lungo la rete tramite router, in questo livello vengono utilizzati gli indirizzi IP dei dispositivi.
4. LIVELLO TRASPORTO → garantisce l'arrivo di dati in ordine corretto e senza errori, in questo caso il protocollo utilizzato è l'UDP basato sulla potenza della connessione e quindi possono esserci perdite di pacchetti dati
5. LIVELLO SESSIONE → coordinamento la connessione tra il dispositivo telecamera ed il server
6. LIVELLO PRESENTAZIONE → conversione dei dati in una sintassi comprensibile per il server
7. LIVELLO APPLICAZIONE → gestisce la comunicazione standardizzata tra i due dispositivi permettendo di visualizzare tutte le immagini.