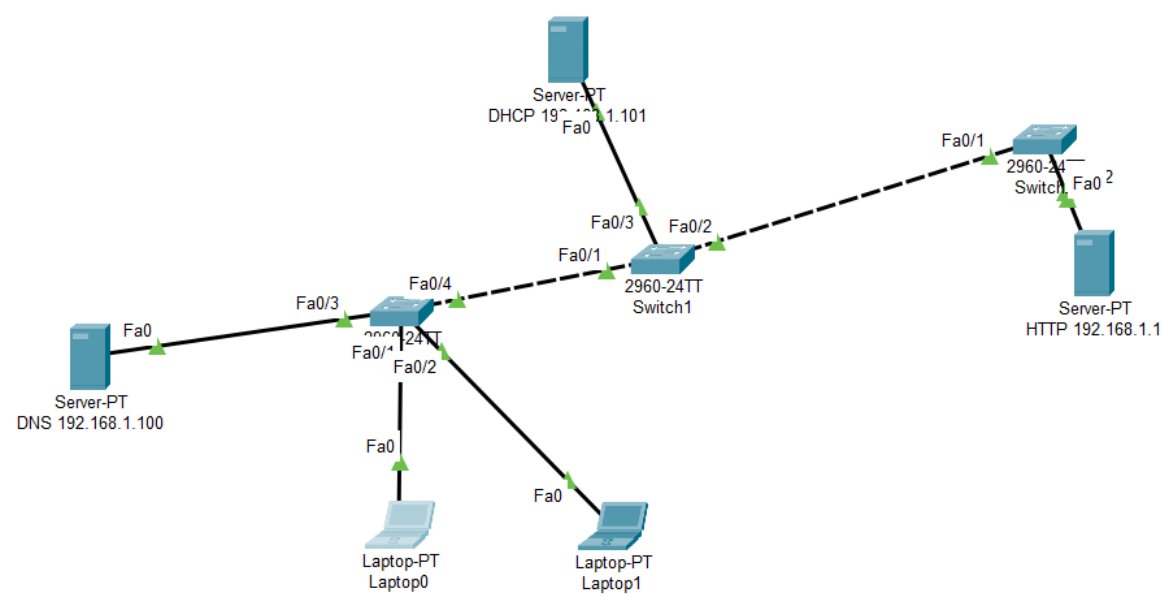


Panoramica collegamenti



Configurazione dei server:

DHCP

DHCP 192.168.1.101

Physical **Config** Services Desktop Programming Attributes

GLOBAL

- Settings
- Algorithm Settings

INTERFACE

- FastEthernet0

Global Settings

Display Name

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

The screenshot shows the WinBox interface for configuring a DHCP server. The title bar reads "DHCP 192.168.1.101". The top menu bar includes "Physical", "Config" (which is selected), "Services", "Desktop", "Programming", and "Attributes".

On the left sidebar, there is a tree view with the following structure:

- GLOBAL**
 - Settings
 - Algorithm Settings
- INTERFACE**
 - FastEthernet0 (selected)

The main configuration area is titled "FastEthernet0". It contains the following settings:

- 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:** [Empty field]
 - Link Local Address:** FE80::20B:BEFF:FE9D:A83

I PC devono avere IP maggiore o uguale a 140

DHCP 192.168.1.101

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

InterfaceFastEthernet0ServiceOnOff

Pool NameserverPool

Default Gateway192.168.1.1

DNS Server192.168.1.100

Start IP Address : 1921681140

Subnet Mask: 2552552550

Maximum Number of Users : 116


TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

AddSaveRemove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.1.1	192.168.1....	192.168.1....	255.255.2...	116	0.0.0.0	0.0.0.0

HTTP

 HTTP 192.168.1.1

Physical Config Services Desktop Programming Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global Settings

Display Name

Gateway/DNS IPv4

☐ DHCP

☒ Static

Default Gateway

DNS Server

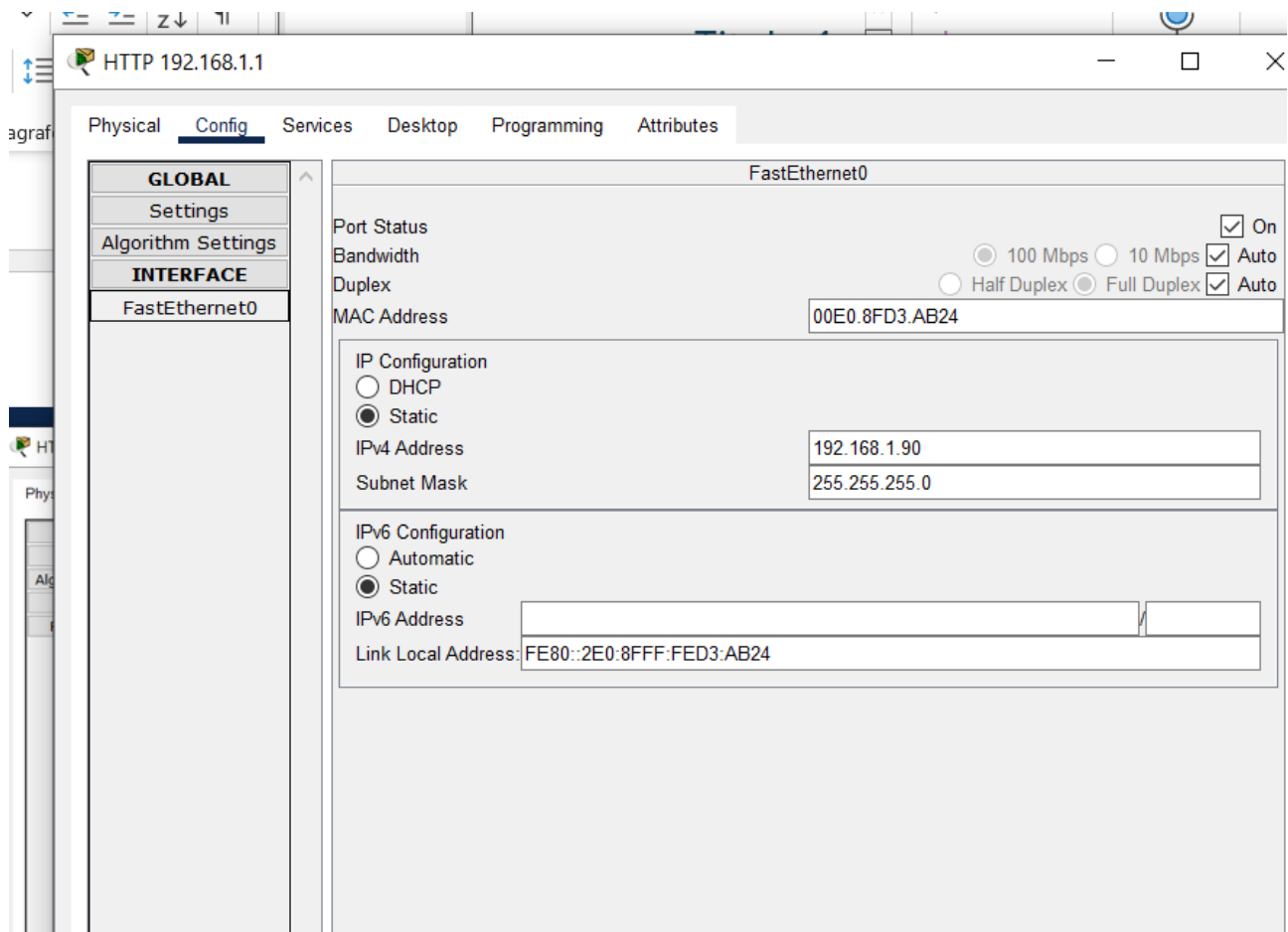
Gateway/DNS IPv6

☐ Automatic

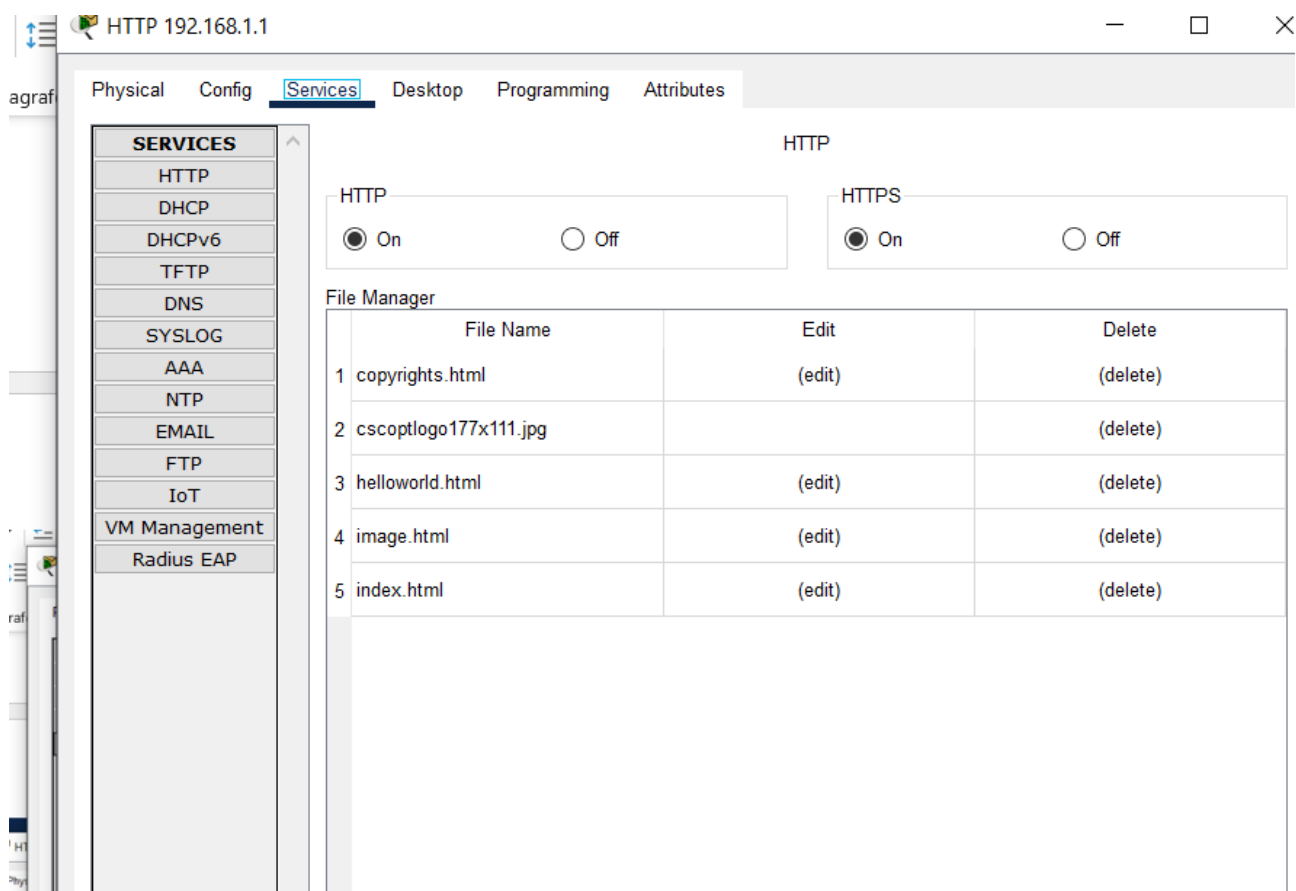
☒ Static

Default Gateway

DNS Server



192.168.1.90->indirizzo pagina epicode.internal



DNS

DNS 192.168.1.100

PhysicalConfigServicesDesktopProgrammingAttributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Global Settings

Display NameDNS 192.168.1.100

Gateway/DNS IPv4

DHCP

Static

Default Gateway192.168.1.1

DNS Server192.168.1.100

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 ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

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

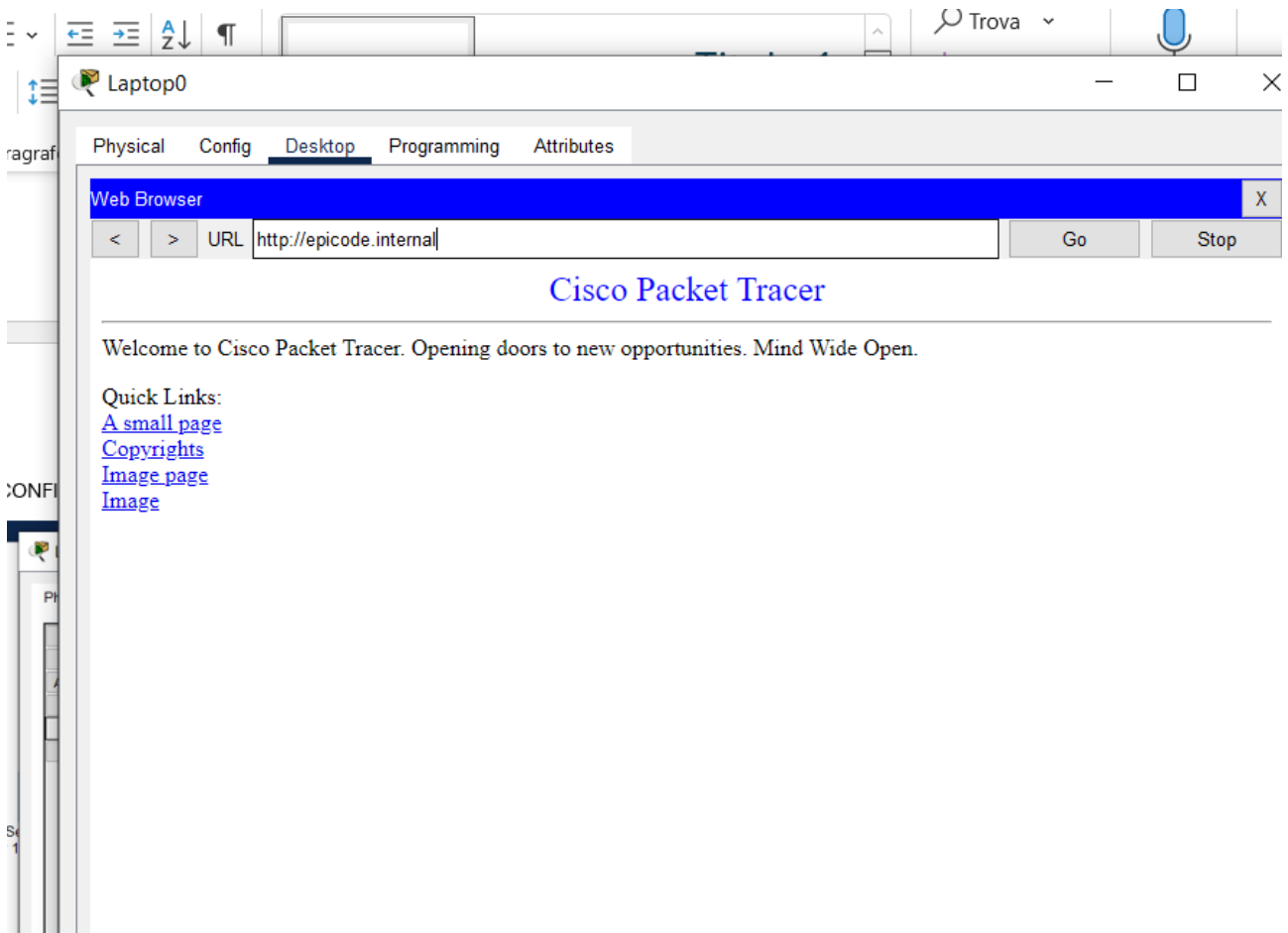
Add Save Remove

No.	Name	Type	Detail
0	epicode.internal	A Record	192.168.1.90

Configurazione laptop

[illegible]

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.