

DHCP Server

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: 192.168.100.1

DNS Server: 192.168.100.6

Start IP Address: 192 168 100 8

Subnet Mask: 255 255 255 0

Maximum Number of Users: 248

TFTP Server: 0.0.0.0

WLC Address: 0.0.0.0

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.100.1	192.168.100.6	192.168.100.8	255.255.255.0	248	0.0.0.0	0.0.0.0

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Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical + 100% 22%

Time: 00:46:31

Scenario 0

New Delete

Toggle PDUI List Window

Automatically Choose Connection Type

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Realtime Simulation

30°C Soleggiato 16:41 27/09/2023

```
graph LR; S1[Server-PT DHCP Server 192.168.100.100] --- S2[2960-24TT Switch0]; S2 --- S3[2960-24TT Switch1]; S3 --- S4[2960-24TT Switch2]; S4 --- S5[Server-PT HTTP Server 192.168.100.4]; S2 --- L1[Laptop-PT Laptop0 192.168.100.7]; S2 --- L2[Laptop-PT Laptop1 192.168.100.3]; S3 --- S6[Server-PT DNS Server 192.168.100.6];
```

Server-PT DHCP Server 192.168.100.100

2960-24TT Switch0

Laptop-PT Laptop0 192.168.100.7

Laptop-PT Laptop1 192.168.100.3

2960-24TT Switch1

Server-PT DNS Server 192.168.100.6

2960-24TT Switch2

Server-PT HTTP Server 192.168.100.4

Laptop0

Physical Config Desktop Programming Attributes

Web Browser

URL http://epicode.internal

Go Stop

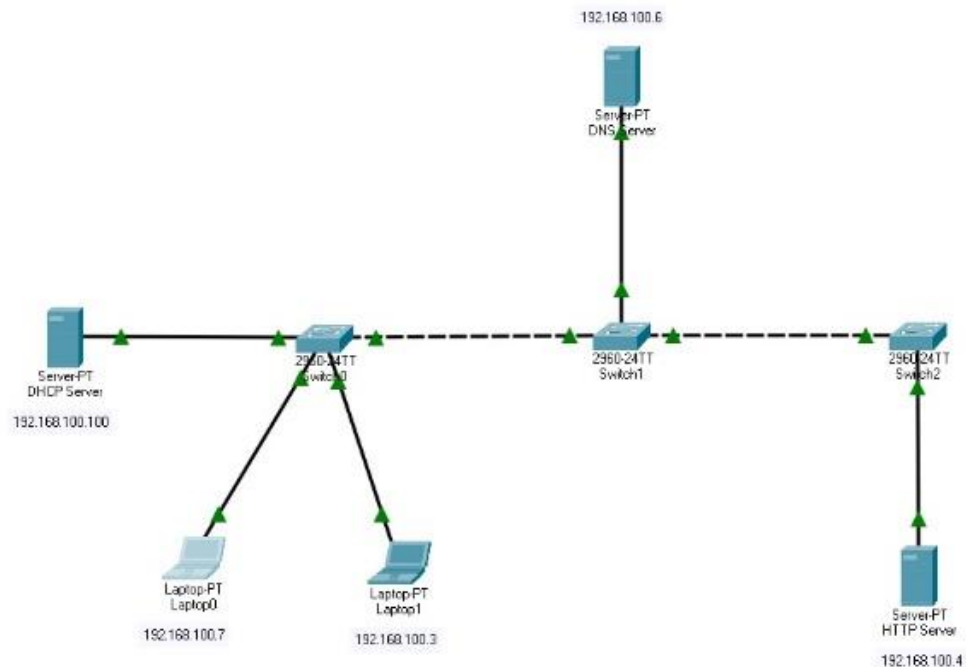
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Laptop0

Physical Config Desktop Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☒ DHCP ☐ Static

IPv4 Address: 192.168.100.8

Subnet Mask: 255.255.255.0

Default Gateway: 192.168.100.1

DNS Server: 192.168.100.6

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80:205:5EFF:FE09:657A

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

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File Edit Options View Tools Extensions Window Help

Logical Physical 667.9 MB

[Root] 00:37:30

Server-PT DHCP Server
192.168.100.100

2960-24TT Switch0

Laptop-PT Laptop0
192.168.100.7

Laptop-PT Laptop1
192.168.100.3

Server-PT DNS Server
192.168.100.6

2960-24TT Switch1

2960-24TT Switch2

Server-PT HTTP Server
192.168.100.4

DNS Server

Physical Config Services Desktop Programming Attributes

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DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type A Record

Address

Add Save Remove

No.	Name	Type	Detail
0	epicode.internal	A Record	192.168.100.4

DNS Cache

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Time: 00:47:38

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

File List Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Automatically Choose Connection Type

Cerca

16:42 27/09/2023