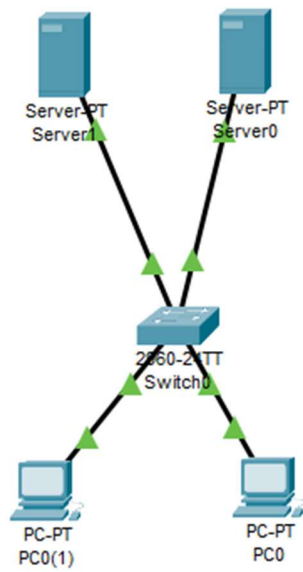


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ATIVIDADE DNS-DHCP

Universidade de Mogi das Cruzes

2025



SERVIDOR DNS

Server0

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

| No. | Name | Type | Detail |
|-----|----------------------|----------|-------------|
| 0 | luizeguilherme.local | A Record | 192.168.0.3 |

☐ Top

Server0

PhysicalConfigServicesDesktopProgrammingAttributes

IP Configuration

X

IP Configuration

☐ DHCP

☒ Static

IPv4 Address

192.168.0.3

Subnet Mask

255.255.255.0

Default Gateway

192.168.0.1

DNS Server

192.168.0.3

IPv6 Configuration

☐ Automatic

☒ Static

IPv6 Address

 /

Link Local Address

FE80::207:ECFF:FE1C:572D

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MDS

Username

Password

☐ Top

SERVIDOR DHCP

Server1

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

192.168.0.1

DNS Server

192.168.0.3

Start IP Address

192

168

0

10

Subnet Mask

255

255

255

0

Maximum Number of Users

50

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 | 192.168.... | 192.168.... | 192.168.... | 255.255.... | 50 | 0.0.0.0 | 0.0.0.0 |

Top

Server1

Physical

Config

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Attributes

IP Configuration

IP Configuration

DHCP

Static

IPv4 Address

192.168.0.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.0.1

DNS Server

192.168.0.3

IPv6 Configuration

Automatic

Static

IPv6 Address

/

Link Local Address

FE80::230:F2FF:FECF:B73E

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication

MDS

Username

Password

Top

PC 1

PC0

Physical

Config

Desktop

Programming

Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Global Settings

Display Name

Interfaces

Gateway/DNS IPv4

☒ DHCP

☐ Static

Default Gateway

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

☐ Top

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection: (default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address . . . . .: FE80::20C:CFFF:FE01:E499
    IPv6 Address . . . . .: ::
    IPv4 Address . . . . .: 192.168.0.10
    Subnet Mask . . . . .: 255.255.255.0
    Default Gateway . . . . .: ::
                                192.168.0.1

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:\>ping LuizeGuilherme.local

Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

☐ Top

```
C:\>ping 192.168.0.3

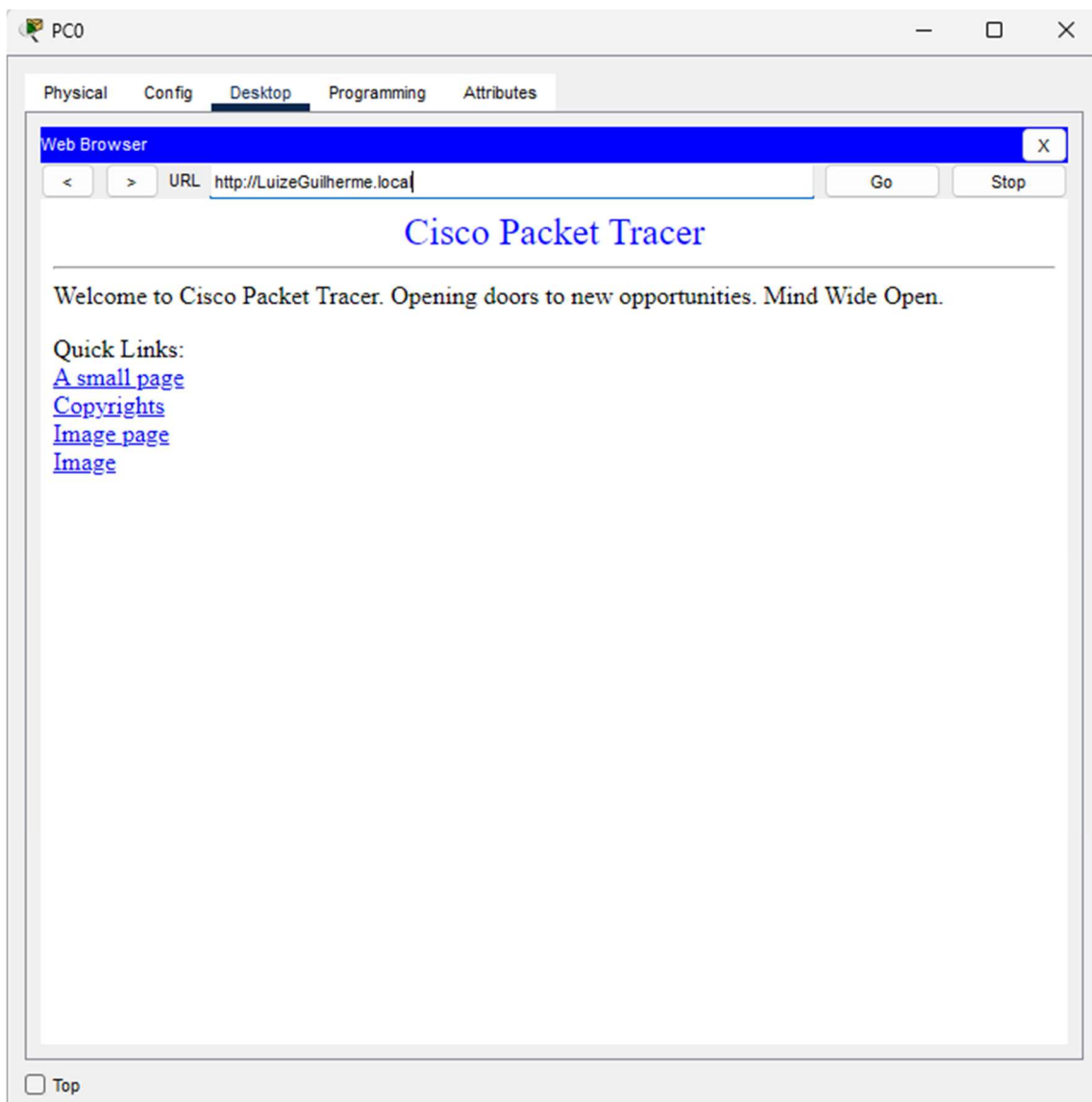
Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128
Reply from 192.168.0.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

☐ Top



PC 2

PC0(1)

Physical

Config

Desktop

Programming

Attributes

GLOBAL

Settings

Algorithm Settings

INTERFACE

FastEthernet0

Bluetooth

Global Settings

Display Name

Interfaces

Gateway/DNS IPv4

☒ DHCP

☐ Static

Default Gateway

DNS Server

Gateway/DNS IPv6

☐ Automatic

☒ Static

Default Gateway

DNS Server

☐ Top

