



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
correo.empresa.local	A Record
dhcp.empresa.local	A Record
intranet.empresa.local	A Record
router.empresa.local	A Record
www.empresa.local	A Record

Address

No.	Name	Type	Detail
0	correo.empresa.local	A Record	192.168.10.4
1	dhcp.empresa.local	A Record	192.168.10.2
2	intranet.empresa.local	A Record	192.168.10.6
3	router.empresa.local	A Record	192.168.10.1
4	www.empresa.local	A Record	192.168.10.5

DNS Cache

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

DHCP Static

IPv4 Address 192.168.10.13

Subnet Mask 255.255.255.0

Default Gateway 192.168.10.1

DNS Server 192.168.10.3

IPv6 Configuration

Automatic Static

IPv6 Address FE80::201:63FF:FE1E:B61

Link Local Address FE80::201:63FF:FE1E:B61

Default Gateway

DNS Server

802.1X

Use 802.1X Security

Authentication MD5

Username

Password

Top

Alejandro.m

GigabitEthernet0/2

Port Status	<input type="radio"/> 1000 Mbps <input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> On
Bandwidth	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
Duplex	
MAC Address	0006.2A03.A703
IP Configuration	
IPv4 Address	192.168.30.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

Equivalent IOS Commands

```

Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/2
Router(config-if)#

```

Top Alejandro.m

GigabitEthernet0/1

Port Status	<input type="radio"/> 1000 Mbps <input checked="" type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> On
Bandwidth	<input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto
Duplex	
MAC Address	0006.2A03.A702
IP Configuration	
IPv4 Address	192.168.20.1
Subnet Mask	255.255.255.0
Tx Ring Limit	10

Equivalent IOS Commands

```

%LINK-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
Router(config-if)#exit
Router(config)#interface GigabitEthernet0/1
Router(config-if)#

```

Top Alejandro.m

Physical Config CLI Attributes

GLOBAL

- Settings
- Algorithm Settings

ROUTING

- Static
- RIP

SWITCHING

- VLAN Database

INTERFACE

- GigabitEthernet0/0
- GigabitEthernet0/1
- GigabitEthernet0/2

GigabitEthernet0/0

Port Status: On (checked)

Bandwidth: 1000 Mbps (radio button)

Duplex: Half Duplex (radio button)

MAC Address: 0006 2A03 A701

IP Configuration:

- IPv4 Address: 192.168.10.1
- Subnet Mask: 255.255.255.0

Tx Ring Limit: 10

Equivalent IOS Commands:

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up

Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface GigabitEthernet0/0
Router(config-if)#
```

Top Alejandro.m 3