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PC Leo

The screenshot shows the configuration window for PC Leo. The window has a title bar with the name 'Leo' and standard window controls. Below the title bar are tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Config' tab is selected. On the left side, there is a sidebar with a tree view showing 'GLOBAL' and 'INTERFACE'. Under 'INTERFACE', 'FastEthernet0' is selected. The main area displays the configuration for 'FastEthernet0'. It includes a 'Port Status' section with a checkbox for 'On' (checked). Below this are 'Bandwidth' and 'Duplex' settings, both set to 'Auto'. The 'MAC Address' is '0010.1173.4256'. The 'IP Configuration' section has 'Static' selected, with 'IP Address' set to '172.21.10.1' and 'Subnet Mask' set to '255.255.255.0'. The 'IPv6 Configuration' section has 'Static' selected, with 'IPv6 Address' set to 'FE80::210:11FF:FE73:4256' and 'Link Local Address' set to 'FE80::210:11FF:FE73:4256'. A 'Top' button is located at the bottom left of the window.

Leo

Physical **Config** Desktop Programming Attributes

GLOBAL

INTERFACE

FastEthernet0

Bluetooth

FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0010.1173.4256

IP Configuration

☐ DHCP

☒ Static

IP Address 172.21.10.1

Subnet Mask 255.255.255.0

IPv6 Configuration

☐ DHCP

☐ Auto Config


☒ Static

IPv6 Address FE80::210:11FF:FE73:4256

Link Local Address: FE80::210:11FF:FE73:4256

☐ Top

ROUTER eagle

 eagle

Physical Config CLI Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0/0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Equivalent IOS Commands

Press RETURN to get started.

☐ Top

eagle

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Serial2/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

Serial2/0

Port Status

Duplex

Clock Rate

IP Configuration

IP Address

Subnet Mask

Tx Ring Limit

On

Full Duplex

2000000

172.21.1.1

255.255.255.0

10

Equivalent IOS Commands

Router#

Router#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

Router(config)#interface FastEthernet0/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial2/0

Router(config-if)#

Top

eagle

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

Serial3/0

Port Status

☒ On

Duplex

☐ Full Duplex

Clock Rate

2000000

IP Configuration

IP Address

172.21.2.1

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Equivalent IOS Commands

Router(config)#interface Serial2/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet4/0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface Serial3/0

Router(config-if)#

☐ Top

PC Aries

Aries

Physical Config **Desktop** Programming Attributes

☐ DHCP ☒ Static

IP Address: 172.21.20.2

Subnet Mask: 255.255.255.0

Default Gateway: 172.21.20.20

DNS Server: 0.0.0.0

IPv6 Configuration

☐ DHCP ☐ Auto Config ☒ Static

IPv6 Address: /

Link Local Address: FE80::290:21FF:FE3E:59D

IPv6 Gateway:

IPv6 DNS Server:

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username:

Password:

☐ Top

ROUTER Puma

puma

Physical **Config** Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

FastEthernet4/0

FastEthernet5/0

FastEthernet0

Port Status: Enabled

Bandwidth: 100 Mbps

Duplex: Full Duplex

MAC Address: 0801.42A2.5A25

IP Configuration

IP Address: 172.21.20.20

Subnet Mask: 255.255.255.0

Trunking Level: 10

Equivalent IOS Commands

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CTRL-Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

☐ Top

Physical Config Attributes

GLOBAL
 Settings
 Algorithm Settings
ROUTING
 Static
 RIP
INTERFACE
 FastEthernet0/0
 FastEthernet0/1
Ser0/0
 Serial0/0
 FastEthernet4/0
 FastEthernet5/0

Ser0/0
 Port Status: ☒ On
 Duplex: Full Duplex
 Clock Rate: 2000000
 IP Configuration:
 IP Address: 172.21.1.2
 Subnet Mask: 255.255.255.0
 Tx/Rx Limit: 10

Equivalent IOS Commands

```

Router#enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#noip
Router(config)#interface Serial0/0
Router(config-if)#
  
```

10

Physical Config Attributes

GLOBAL
 Settings
 Algorithm Settings
ROUTING
 Static
 RIP
INTERFACE
 FastEthernet0/0
 FastEthernet0/1
Ser0/0
 Serial0/0
 FastEthernet4/0
 FastEthernet5/0

Ser0/0
 Port Status: ☒ On
 Duplex: Full Duplex
 Clock Rate: 2000000
 IP Configuration:
 IP Address: 172.21.1.2
 Subnet Mask: 255.255.255.0
 Tx/Rx Limit: 10

Equivalent IOS Commands

```

Router#enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
Router(config-if)#noip
Router(config)#interface Serial0/0
Router(config-if)#noip
Router(config-if)#noip
Router(config)#interface Serial0/0
Router(config-if)#
  
```

10

PC Virgo

The screenshot shows the 'PC Configuration' window for a device named 'FastEthernet0'. The window has tabs for 'Physical', 'Config', 'Programming', and 'Attributes', with 'Config' being the active tab. The configuration is divided into two main sections: IPv4 and IPv6.

IPv4 Configuration:

- ☐ DHCP
- ☒ Static
 - IP Address: 172.21.30.3
 - Subnet Mask: 255.255.255.0
 - Default Gateway: 172.21.30.38
 - DNS Server: 8.8.8.8

IPv6 Configuration:

- ☐ DHCP
- ☐ Auto Config
- ☒ Static
 - IPv6 Address: FE80:2D0:FFF:FE80:454B
 - Link Local Address: FE80:2D0:FFF:FE80:454B
 - IPv6 Gateway:
 - IPv6 DNS Server:

Other Settings:

- 802.1Q: ☐ See 802.1Q Security
- Authentication:
- Username:
- Password:

The bottom of the window shows a Windows taskbar with various icons and a system clock indicating 10:40 AM on 10/20/2023.

ROUTER tiger

The screenshot shows the 'ROUTER Configuration' window for a device named 'FastEthernet0'. The window has tabs for 'Physical', 'Config', 'CU', and 'Attributes', with 'Config' being the active tab. The configuration is divided into two main sections: GLOBAL and INTERFACE.

GLOBAL Settings:

- Settings: ☐ On, ☒ Off
- Algorithm Settings: ☐ On, ☒ Off
- ROUTING: ☐ On, ☒ Off
- Static: ☐ On, ☒ Off
- IPv6: ☐ On, ☒ Off

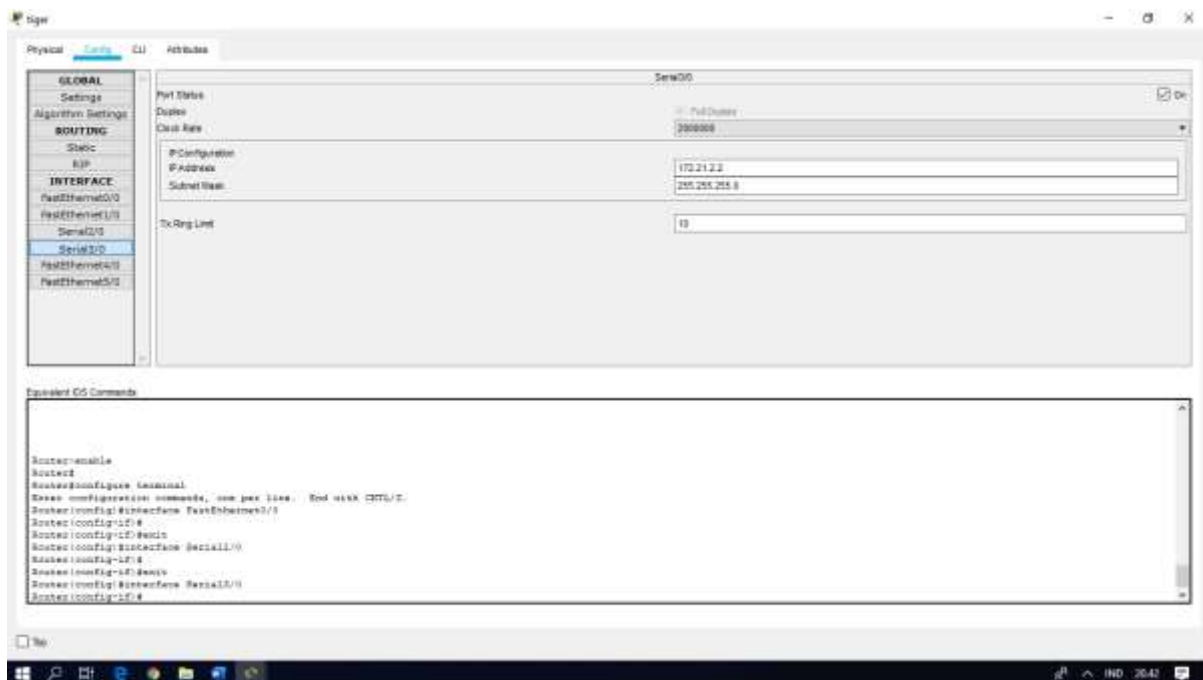
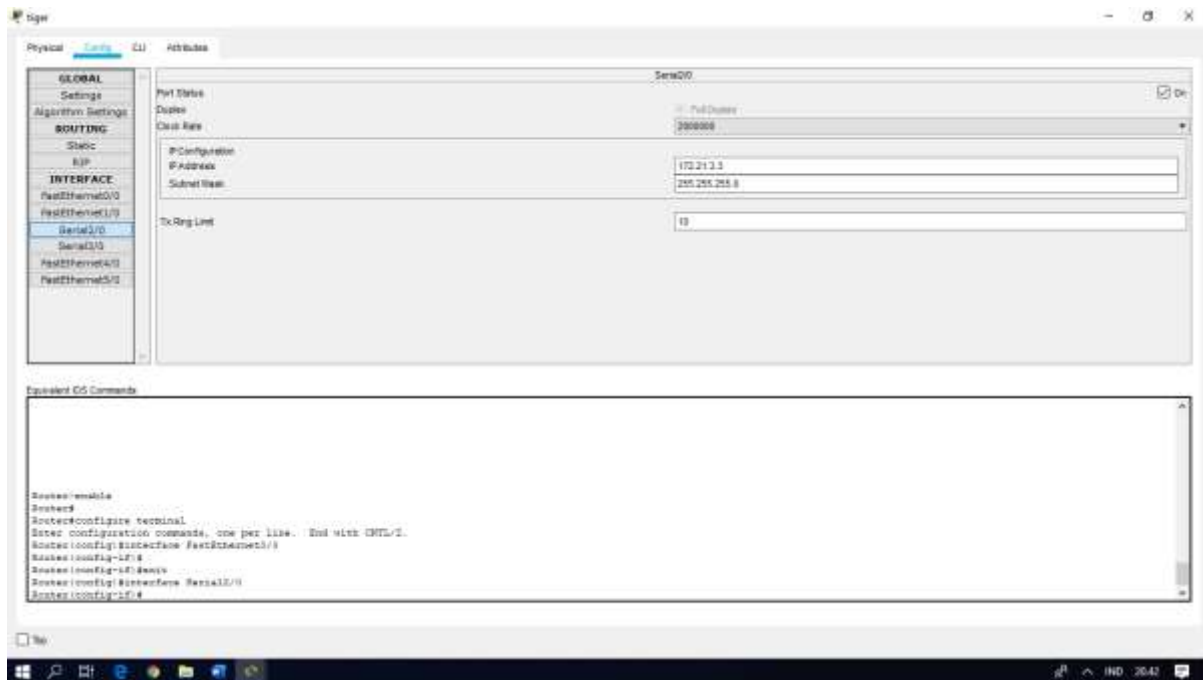
INTERFACE Settings:

- FastEthernet0/0
 - Port Status: ☐ On, ☒ Off
 - Bandwidth: 100 Mbps, 10 Mbps, ☒ Auto
 - Duplex: ☐ Half Duplex, ☒ Full Duplex, ☒ Auto
 - MAC Address: 6800.0000.4082
 - IP Configuration
 - IP Address: 172.21.30.38
 - Subnet Mask: 255.255.0.0
 - Trunking Link: 10

Router OS Commands:

```
Router>enable
Router#
Router#configure terminal
Enter configuration commands, one per line. End with CTRL-Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

The bottom of the window shows a Windows taskbar with various icons and a system clock indicating 10:41 AM on 10/20/2023.



PING dari PC Leo ke router eagle (172.21.1.1)

```
C:\>ping 172.21.1.1

Pinging 172.21.1.1 with 32 bytes of data:

Reply from 172.21.1.1: bytes=32 time<1ms TTL=255
Reply from 172.21.1.1: bytes=32 time<1ms TTL=255
Reply from 172.21.1.1: bytes=32 time<1ms TTL=255
Reply from 172.21.1.1: bytes=32 time<1ms TTL=255

Ping statistics for 172.21.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

☐ Top

PING dari PC aries ke router puma (172.21.1.2)

```
C:\>ping 172.21.1.2

Pinging 172.21.1.2 with 32 bytes of data:

Reply from 172.21.1.2: bytes=32 time<1ms TTL=255
Reply from 172.21.1.2: bytes=32 time<1ms TTL=255
Reply from 172.21.1.2: bytes=32 time<1ms TTL=255
Reply from 172.21.1.2: bytes=32 time<1ms TTL=255

Ping statistics for 172.21.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

PING dari PC virgo ke router tiger (172.21.3.3)

```
C:\>ping 172.21.3.3

Pinging 172.21.3.3 with 32 bytes of data:

Reply from 172.21.3.3: bytes=32 time<1ms TTL=255
Reply from 172.21.3.3: bytes=32 time<1ms TTL=255
Reply from 172.21.3.3: bytes=32 time<1ms TTL=255
Reply from 172.21.3.3: bytes=32 time<1ms TTL=255

Ping statistics for 172.21.3.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

☐ Top

PING dari router eagle ke router puma (172.21.1.2)

```
Router>ping 172.21.1.2

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.21.1.2, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/9 ms
Router>
```

Ctrl+F6 to exit CLI focus

☐ Top

PING dari router eagle ke router tiger (172.21.2.3)

```
Router>ping 172.21.2.3

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.21.2.3, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
Router>
```

Ctrl+F6 to exit CLI focus

☐ Top

PING dari router eagle ke router tiger (172.21.3.3)

```
Router>ping 172.21.3.3

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.21.3.3, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 1/2/5 ms
Router>
```

Ctrl+F6 to exit CLI focus

☐ Top