Logical   [Root]   New Cluster   Move Object   Set Tiled Background   Viewport

Server-PT
DHCP_Server

2950-24
Switch

192.168.1.1.

1841
COMP_DEPT   192.168.2.1   1841
IT_DEPT

2950-24
COMP_CNL

2950
IT

Laptop-PT   Laptop-PT
Laptop0   Laptop1   PC-P
                                 PC0

COMP_DEPT

Physical Config CLI

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1

Global Settings

Display Name COMP_DEPT

Hostname   Router

NVRAM   Erase   Save

Startup Config Load...   Export...

Running Config Merge...   Export...

Equivalent IOS Commands

Time: 25:42:38   Power Cycle Devices Fast Forward Time

Realtime

Connections

Copper Straight-Through

Scenario 0
New   Delete
Toggle PDU List Window

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

36°C
Mostly sunny

ENG
IN

14:41
17-05-2023

COMP_DEPT

Physical Config CLI

IOS Command Line Interface

```
Router>en
Router#conf terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fastEthernet 0/1
Router(config-if)#ip ad
% Incomplete command.
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#exit
Router(config)#do sh ip int br
Interface          IP-Address      OK? Method Status                Protocol

FastEthernet0/0    unassigned      YES unset  up                    up

FastEthernet0/1    192.168.2.1     YES manual up                    up

Vlan1              unassigned      YES unset  administratively down down
Router(config)#int fastEthernet 0/0
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#exit
Router(config)#do sh ip int br
Interface          IP-Address      OK? Method Status                Protocol

FastEthernet0/0    192.168.1.1     YES manual up                    up

FastEthernet0/1    192.168.2.1     YES manual up                    up

Vlan1              unassigned      YES unset  administratively down down
Router(config)#%IP-4-DUPADDR: Duplicate address 192.168.1.1 on FastEthernet0/0, sourced by 00D0.FF90.2E01

Router(config)#int fasst
Router(config)#int fastEthernet 0/1
Router(config-if)#ip helper-address 192.168.1.10
Router(config-if)#exit
Router(config)#



Router con0 is now available
```

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ENG
IN

14:42
17-05-2023

COMP_DEPT

Physical Config CLI

IOS Command Line Interface

```
Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!


Router>en
Router#conf terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface fastEthernet 0/0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#interface fastEthernet 0/1
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up




Router con0 is now available


Press RETURN to get started.
```

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ENG
IN

14:42
17-05-2023

Logical   [Root]   New Cluster   Move Object   Set Tiled Background   Viewport

Server-PT
DHCP_Server

2950-24
Switch

192.168.1.1.

1841
COMP_DEPT   192.168.2.1

1841
IT_DEPT

2950-24
COMP_CNL

2950-24
IT

Laptop-PT   Laptop-PT
Laptop0   Laptop1

PC-P
PC0

IT_DEPT

Physical Config CLI

GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
SWITCHING
VLAN Database
INTERFACE
FastEthernet0/0
FastEthernet0/1

Global Settings

Display Name   IT_DEPT

Hostname   Router

NVRAM   [Erase]   [Save]

Startup Config [Load...] [Export...]

Running Config [Merge...] [Export...]

Equivalent IOS Commands

Time: 25:43:57   Power Cycle Devices Fast Forward Time

Connections

Copper Straight-Through

Scenario 0
[New] [Delete]
Toggle PDU List Window

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

Realtime

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Mostly sunny
ENG
IN
14:42
17-05-2023

IT_DEPT

Physical Config CLI

IOS Command Line Interface

```
Router>enable
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fastEthernet 0/1
Router(config-if)#ip address 192.168.3.1 255.255.255.0
Router(config-if)#exit
Router(config)#do sh ip int br
Interface           IP-Address      OK? Method Status                Protocol

FastEthernet0/0     unassigned      YES unset  up                    up

FastEthernet0/1     192.168.3.1     YES manual up                    up

Vlan1               unassigned      YES unset  administratively down  down
Router(config)#int fastEthernet 0/0
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#exit
Router(config)#do sh ip int br
Interface           IP-Address      OK? Method Status                Protocol

FastEthernet0/0     192.168.1.1     YES manual up                    up

FastEthernet0/1     192.168.3.1     YES manual up                    up

Vlan1               unassigned      YES unset  administratively down  down
Router(config)#
Router(config)#int fastEthernet 0/1
Router(config-if)#ip helper-address 192.168.1.10
Router(config-if)#exit
Router(config)#do sh ip int br
Interface           IP-Address      OK? Method Status                Protocol

FastEthernet0/0     192.168.1.1     YES manual up                    up

FastEthernet0/1     192.168.3.1     YES manual up                    up

Vlan1               unassigned      YES unset  administratively down  down
Router(config)#int fastEthernet 0/1
Router(config-if)#Router(config-if)#ip helper-address 192.168.1.10
                   ^
% Invalid input detected at '^' marker.

Router(config-if)#int fastEthernet 0/1
Router(config-if)#ip helper-address 192.168.1.10
Router(config-if)#exit
Router(config)#eneble
                ^
```

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IN
14:43
17-05-2023

IT_DEPT

Physical Config CLI

IOS Command Line Interface

```
Continue with configuration dialog? [yes/no]: no


Press RETURN to get started!


Router>enable
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#interface fastEthernet 0/0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#interface fastEthernet 0/1
Router(config-if)#no shutdownn
                             ^
% Invalid input detected at '^' marker.

Router(config-if)#interface fastEthernet 0/1
                  ^
% Invalid input detected at '^' marker.

Router(config-if)#exit
Router(config)#interface fastEthernet 0/1
Router(config-if)#no shutdown\
                            ^
% Invalid input detected at '^' marker.

Router(config-if)#exit
Router(config)#interface fastEthernet 0/1
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
```

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IN
14:43
17-05-2023

Laptop1 — Physical | Config | Desktop | Custom Interface

IP Configuration

IP Configuration
- ● DHCP ○ Static   DHCP request successful.
- IP Address: 192.168.2.13
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.1.1
- DNS Server: 8.8.8.8

IPv6 Configuration
- ○ DHCP ○ Auto Config ● Static
- IPv6 Address: /
- Link Local Address: FE80::260:2FFF:FE82:6B47
- IPv6 Gateway:
- IPv6 DNS Server:

Netflow Collector

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Laptop0 — Physical | Config | Desktop | Custom Interface

IP Configuration

IP Configuration
- ● DHCP ○ Static   DHCP request successful.
- IP Address: 192.168.2.11
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.1.1
- DNS Server: 8.8.8.8

IPv6 Configuration
- ○ DHCP ○ Auto Config ● Static
- IPv6 Address: /
- Link Local Address: FE80::20A:41FF:FEB3:E2BE
- IPv6 Gateway:
- IPv6 DNS Server:

Netflow Collector

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