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2 FastEthernet/IEEE 802.3 interface(s)
191K bytes of NVRAM.
63488K bytes of ATA CompactFlash (Read/Write)
Cisco IOS Software, 1841 Software (C1841-ADVIPSERVICESK9-M), Version 12.4(15)T1, RELEASE SOFTWARE (fc2)
Technical Support: http://www.cisco.com/techsupport
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Compiled Wed 18-Jul-07 04:52 by pt_team

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--- System Configuration Dialog ---

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)#hostname R1

R1(config)#enable secret rp

R1(config)#int Fa0/0

R1(config-if)#ip address 192.168.1.1 255.255.255.0

R1(config-if)#no shutdown

R1(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

R1(config-if)#line vty 0 5

R1(config-line)#login

% Login disabled on line 194, until 'password' is set

% Login disabled on line 195, until 'password' is set

% Login disabled on line 196, until 'password' is set

% Login disabled on line 197, until 'password' is set

% Login disabled on line 198, until 'password' is set

% Login disabled on line 199, until 'password' is set

R1(config-line)#password tp

R1(config-line)#exit

R1(config)#exit

R1#

%SYS-5-CONFIG_I: Configured from console by console

wr

Building configuration...

[OK]

R1#show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
FastEthernet0/0	192.168.1.1	YES	manual	up	up
FastEthernet0/1	unassigned	YES	unset	administratively down	down
Vlan1	unassigned	YES	unset	administratively down	down

R1#



PC0



Physical

Config

Desktop

Custom Interface

IP Configuration



IP Configuration

☐ DHCP☒ Static

IP Address

192.168.1.2

Subnet Mask

255.255.255.0

Default Gateway

192.168.1.1

DNS Server

IPv6 Configuration

☐ DHCP☐ Auto Config☒ Static

IPv6 Address

Link Local Address

FE80::2E0:8FFF:FEA3:6B2B

IPv6 Gateway

IPv6 DNS Server



PC0

Physical

Config

Desktop

Custom Interface

Command Prompt

Packet Tracer PC Command Line 1.0

PC>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=0ms TTL=255

Reply from 192.168.1.1: bytes=32 time=0ms TTL=255

Reply from 192.168.1.1: bytes=32 time=0ms TTL=255

Reply from 192.168.1.1: bytes=32 time=0ms TTL=255

Ping statistics for 192.168.1.1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

PC>telnet 192.168.1.1

Trying 192.168.1.1 ...Open

User Access Verification

Password:

R1>enable

Password:

R1#conf t

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

R1(config)#int Fa0/1

R1(config-if)#ip add 192.168.1.4 255.255.255.0

% 192.168.1.0 overlaps with FastEthernet0/0

R1(config-if)#show ip interface brief

% Invalid input detected at '^' marker.

R1(config-if)#do show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
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FastEthernet0/0	192.168.1.1	YES	manual	up	up
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FastEthernet0/1	192.168.1.4	YES	manual	administratively down	down
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Vlan1	unassigned	YES	unset	administratively down	down
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R1(config-if)#do show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
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FastEthernet0/0	192.168.1.1	YES	manual	up	up
-----------------	-------------	-----	--------	----	----

FastEthernet0/1	192.168.1.8	YES	manual	administratively down	down
-----------------	-------------	-----	--------	-----------------------	------

Vlan1	unassigned	YES	unset	administratively down	down
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R1(config-if)#



PC1

Physical

Config

Desktop

Custom Interface

Command Prompt

Packet Tracer PC Command Line 1.0

PC>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=1ms TTL=255

Reply from 192.168.1.1: bytes=32 time=0ms TTL=255

Reply from 192.168.1.1: bytes=32 time=0ms TTL=255

Reply from 192.168.1.1: bytes=32 time=0ms TTL=255

Ping statistics for 192.168.1.1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 1ms, Average = 0ms

PC>telnet 192.168.1.1

Trying 192.168.1.1 ...Open

User Access Verification

Password:

R1>enable

Password:

R1#conf t

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

R1(config)#int Fa0/3

%Invalid interface type and number

R1(config)#int Fa0/1

R1(config-if)#ip add 192.168.1.8

% Incomplete command.

R1(config-if)#ip add 192.168.1.8 255.255.255.0

% 192.168.1.0 overlaps with FastEthernet0/0

R1(config-if)#do show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
FastEthernet0/0	192.168.1.1	YES	manual	up	up
FastEthernet0/1	192.168.1.8	YES	manual	administratively down	down
Vlan1	unassigned	YES	unset	administratively down	down

R1(config-if)#