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Physical Config Desktop Programming Attributes

Trigorda Sering Beentes Tregramming Fillington

Terminal Control of the Control of t

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to up

%LINK-3-UPDOWN: Interface FastEthernet0/3, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/3, changed state to

down

%LINK-5-CHANGED: Interface FastEthernet0/21, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/21, changed state to up

%LINK-3-UPDOWN: Interface FastEthernet0/2, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to

down

%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up

%LINK-3-UPDOWN: Interface FastEthernet0/2, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to

down

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

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

%LINK-3-UPDOWN: Interface FastEthernet0/21, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/21, changed state to

down

%LINK-5-CHANGED: Interface FastEthernet0/21, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/21, changed state to up

%LINK-5-CHANGED: Interface FastEthernet0/7, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/7, changed state to up

%LINK-5-CHANGED: Interface FastEthernet0/8, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/8, changed state to up

% Please answer 'yes' or 'no'.

Would you like to enter the initial configuration dialog? [yes/no]: no

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Physical Config Desktop Programming Attributes Command Prompt Χ Cisco Packet Tracer PC Command Line 1.0 C:\>ipconfig /renew DHCP request failed. C:\>DHCP request failed. C:\>DHCP request failed. C:\>ipconfig /renew IP Address..... 10.0.20.2 Subnet Mask..... 255.255.255.0

Default Gateway..... 10.0.20.1 DNS Server..... 0.0.0.0

C:\>



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Physical Config Desktop Programming Attributes

Command Prompt

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Default Gateway....:

10.0.10.1
DNS Server..... 0.0.0.0

C:\>

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Config Desktop Χ Terminal 1004 iddinet-default active 1005 trnet-default active SW1# %LINK-3-UPDOWN: Interface FastEthernet0/24, changed state to down %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to down %LINK-5-CHANGED: Interface FastEthernet0/24, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to up %LINK-3-UPDOWN: Interface FastEthernet0/24, changed state to down %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/24, changed state to down %LINK-5-CHANGED: Interface FastEthernet0/16, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/16, changed state to up %LINK-3-UPDOWN: Interface FastEthernet0/16, changed state to down %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/16, changed state to down SW1# SW1# SW1#configure terminal Enter configuration commands, one per line. End with CNTL/Z. SW1(config)#interface Vlan 10 SW1(config-if)#ip address 10.0.10.1 255.255.255.0 SW1(config-if)#exit SW1(config)#interface Vlan 20 SW1(config-if)#ip address 10.0.20.1 255.255.255.0 SW1(config-if)#exit SW1(config) #ip routing SW1(config)#end %LINK-5-CHANGED: Interface Vlan10, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan10, changed state to up %LINK-5-CHANGED: Interface Vlan20, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan20, changed state to up SW1# %SYS-5-CONFIG I: Configured from console by console

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SW1#

Config

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Terminal
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan20, changed state to up
SW1#
%SYS-5-CONFIG I: Configured from console by console
show ip interface brief
Interface
                        IP-Address
                                                                           Protocol
                                        OK? Method Status
FastEthernet0/1
                        unassigned
                                        YES unset
                                                    up
                                                                           up
FastEthernet0/2
                        unassigned
                                                    down
                                                                           down
                                        YES unset
                        unassigned
FastEthernet0/3
                                                    down
                                                                           down
                                        YES unset
                        unassigned
FastEthernet0/4
                                                    down
                                                                           down
                                        YES unset
                                                                           down
FastEthernet0/5
                        unassigned
                                                    down
                                        YES unset
FastEthernet0/6
                        unassigned
                                                                           down
                                        YES unset
                                                    down
                        unassigned
FastEthernet0/7
                                        YES unset
                                                    up
                                                                           up
FastEthernet0/8
                        unassigned
                                        YES unset
                                                    up
                                                                           up
                        unassigned
FastEthernet0/9
                                                                           down
                                                    down
                                        YES unset
FastEthernet0/10
                        unassigned
                                                    down
                                                                           down
                                        YES unset
FastEthernet0/11
                                        YES unset
                        unassigned
                                                    down
                                                                           down
FastEthernet0/12
                        unassigned
                                                    down
                                                                           down
                                        YES unset
FastEthernet0/13
                        unassigned
                                                                           down
                                        YES unset
                                                    down
FastEthernet0/14
                        unassigned
                                        YES unset
                                                    down
                                                                           down
                        unassigned
FastEthernet0/15
                                                    down
                                                                           down
                                        YES unset
                        unassigned
FastEthernet0/16
                                                    down
                                                                           down
                                        YES unset
FastEthernet0/17
                        unassigned
                                        YES unset
                                                    down
                                                                           down
FastEthernet0/18
                        unassigned
                                                    down
                                                                           down
                                        YES unset
                        unassigned
FastEthernet0/19
                                                    down
                                                                           down
                                        YES unset
FastEthernet0/20
                        unassigned
                                        YES unset
                                                    down
                                                                           down
FastEthernet0/21
                        unassigned
                                        YES unset
                                                    up
                                                                           up
SW1#how ip route
% Invalid input detected at '^' marker.
SW1#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area
       * - candidate default, U - per-user static route, o - ODR
       P - periodic downloaded static route
Gateway of last resort is not set
     10.0.0.0/24 is subnetted, 2 subnets
        10.0.10.0 is directly connected, Vlan10
        10.0.20.0 is directly connected, Vlan20
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Config Desktop Programming

Attributes

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Terminal Processor board ID FTX152400KS 2 Gigabit Ethernet interfaces DRAM configuration is 64 bits wide with parity disabled. 255K bytes of non-volatile configuration memory. 249856K bytes of ATA System CompactFlash 0 (Read/Write) --- System Configuration Dialog ---Would you like to enter the initial configuration dialog? [yes/no]: no Press RETURN to get started! Router>enable Router#configure terminal Enter configuration commands, one per line. End with CNTL/Z. Router(config) #hostname R1 R1(config)#interface GigabitEthernet0/1.10 R1(config-subif)#encapsulation dot1Q 10 R1(config-subif)#ip address 10.0.10.1 255.255.255.0 R1(config-subif)#exit R1(config)#interface GigabitEthernet0/1.20 R1(config-subif)#encapsulation dot1Q 20 R1(config-subif)#ip address 10.0.20.1 255.255.255.0 R1(config-subif)#exit R1(config) #ip dhcp pool LW5 VLAN10 R1 (dhcp-config) #network 10.0.10.0 255.255.255.0 R1 (dhcp-config) #default-router 10.0.10.1 R1(dhcp-config)#exit R1(config)#ip dhcp pool LW5 VLAN20 R1 (dhcp-config) #network 10.0.20.0 255.255.255.0 R1 (dhcp-config) #default-router 10.0.20.1 R1 (dhcp-config) #exit R1(config)#interface GigabitEthernet0/1 R1(config-if) #no shutdown R1(config-if)#end %LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up %LINK-5-CHANGED: Interface GigabitEthernet0/1.10, changed state to up %LINK-5-CHANGED: Interface GigabitEthernet0/1.20, changed state to up R1# %SYS-5-CONFIG I: Configured from console by console

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C:\>

Physical Config Desktop Programming Attributes Command Prompt Х Packets: Sent = 4, Received = 3, Lost = 1 (25% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms $C: \ping 10.0.20.1$ Pinging 10.0.20.1 with 32 bytes of data: Reply from 10.0.20.1: bytes=32 time<1ms TTL=255 Reply from 10.0.20.1: bytes=32 time<1ms TTL=255 Reply from 10.0.20.1: bytes=32 time<1ms TTL=255 Ping statistics for 10.0.20.1: Packets: Sent = 3, Received = 3, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms Control-C ^C C:\>ping 10.0.10.1 Pinging 10.0.10.1 with 32 bytes of data: Reply from 10.0.10.1: bytes=32 time<1ms TTL=255 Reply from 10.0.10.1: bytes=32 time<1ms TTL=255 Reply from 10.0.10.1: bytes=32 time<1ms TTL=255 Ping statistics for 10.0.10.1: Packets: Sent = 3, Received = 3, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms Control-C ^C $C: \ge 10.0.10.2$ Pinging 10.0.10.2 with 32 bytes of data: Request timed out. Reply from 10.0.10.2: bytes=32 time<1ms TTL=127 Reply from 10.0.10.2: bytes=32 time<1ms TTL=127 Reply from 10.0.10.2: bytes=32 time<1ms TTL=127 Ping statistics for 10.0.10.2: Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),

Approximate round trip times in milli-seconds:

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

Control-C

^C

C:\>

Laptop1 Config Desktop Programming Attributes Physical Command Prompt Х Default Gateway..... 10.0.20.1 DNS Server..... 0.0.0.0 $C: \ping 10.0.10.1$ Pinging 10.0.10.1 with 32 bytes of data: Reply from 10.0.10.1: bytes=32 time<1ms TTL=255 Reply from 10.0.10.1: bytes=32 time<1ms TTL=255 Reply from 10.0.10.1: bytes=32 time<1ms TTL=255 Ping statistics for 10.0.10.1: Packets: Sent = 3, Received = 3, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 0ms, Average = 0ms Control-C ^C $C: \ping 10.0.10.2$ Pinging 10.0.10.2 with 32 bytes of data: Request timed out. Reply from 10.0.10.2: bytes=32 time<1ms TTL=127 Reply from 10.0.10.2: bytes=32 time=1ms TTL=127 Reply from 10.0.10.2: bytes=32 time<1ms TTL=127 Ping statistics for 10.0.10.2: Packets: Sent = 4, Received = 3, Lost = 1 (25% loss), Approximate round trip times in milli-seconds: Minimum = 0ms, Maximum = 1ms, Average = 0ms C:\> C:\>ping 10.0.20.1 Pinging 10.0.20.1 with 32 bytes of data: Reply from 10.0.20.1: bytes=32 time<1ms TTL=255 Reply from 10.0.20.1: bytes=32 time=1ms TTL=255 Reply from 10.0.20.1: bytes=32 time=2ms TTL=255 Ping statistics for 10.0.20.1: Packets: Sent = 3, Received = 3, Lost = 0 (0% loss), Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 2ms, Average = 1ms