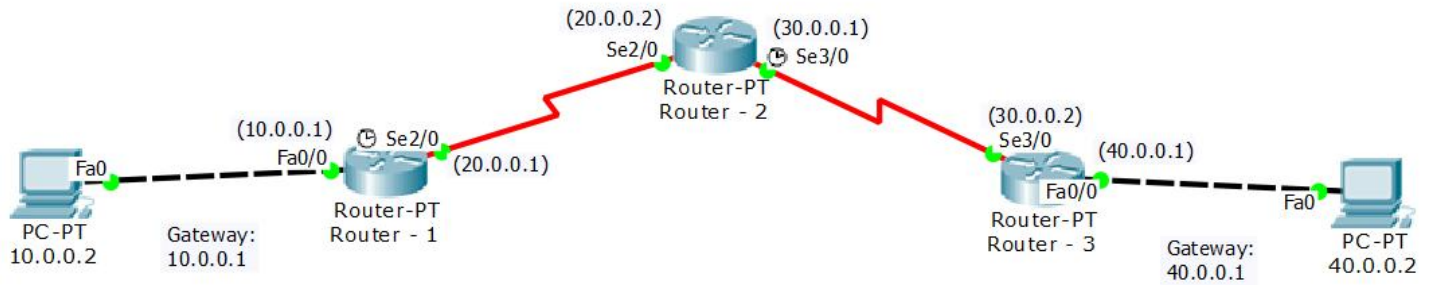


# Experiment - 9

## Topology:



## PC - 1 Configuration:

10.0.0.2

Physical Config Desktop Custom Interface

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

**Global Settings**

Display Name: 10.0.0.2

**Gateway/DNS**

☐ DHCP

☒ Static

Gateway: 10.0.0.1

DNS Server:

**Gateway/DNS Ipv6**

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway:

IPv6 DNS Server:

10.0.0.2

Physical Config Desktop Custom Interface

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

**FastEthernet0**

Port Status: ☒ On

Bandwidth: ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex: ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address: 00E0.F919.E5C7

**IP Configuration**

☐ DHCP

☒ Static

IP Address: 10.0.0.2

Subnet Mask: 255.0.0.0

**IPv6 Configuration**

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Address: /

Link Local Address: FE80::2E0:F9FF:FE19:E5C7

## PC - 2 Configuration:

40.0.0.2

Physical Config Desktop Custom Interface

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

### Global Settings

Display Name 40.0.0.2

Gateway/DNS

☐ DHCP

☒ Static

Gateway 40.0.0.1

DNS Server

Gateway/DNS Ipv6

☐ DHCP

☐ Auto Config

☒ Static

IPv6 Gateway

IPv6 DNS Server

40.0.0.2

Physical Config Desktop Custom Interface

**GLOBAL**

Settings

Algorithm Settings

**INTERFACE**

FastEthernet0

### FastEthernet0

Port Status ☒ On

Bandwidth ☒ 100 Mbps ☐ 10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 00D0.FF55.5316

IP Configuration

☐ DHCP

☒ Static

IP Address 40.0.0.2

Subnet Mask 255.0.0.0

IPv6 Configuration

☐ DHCP

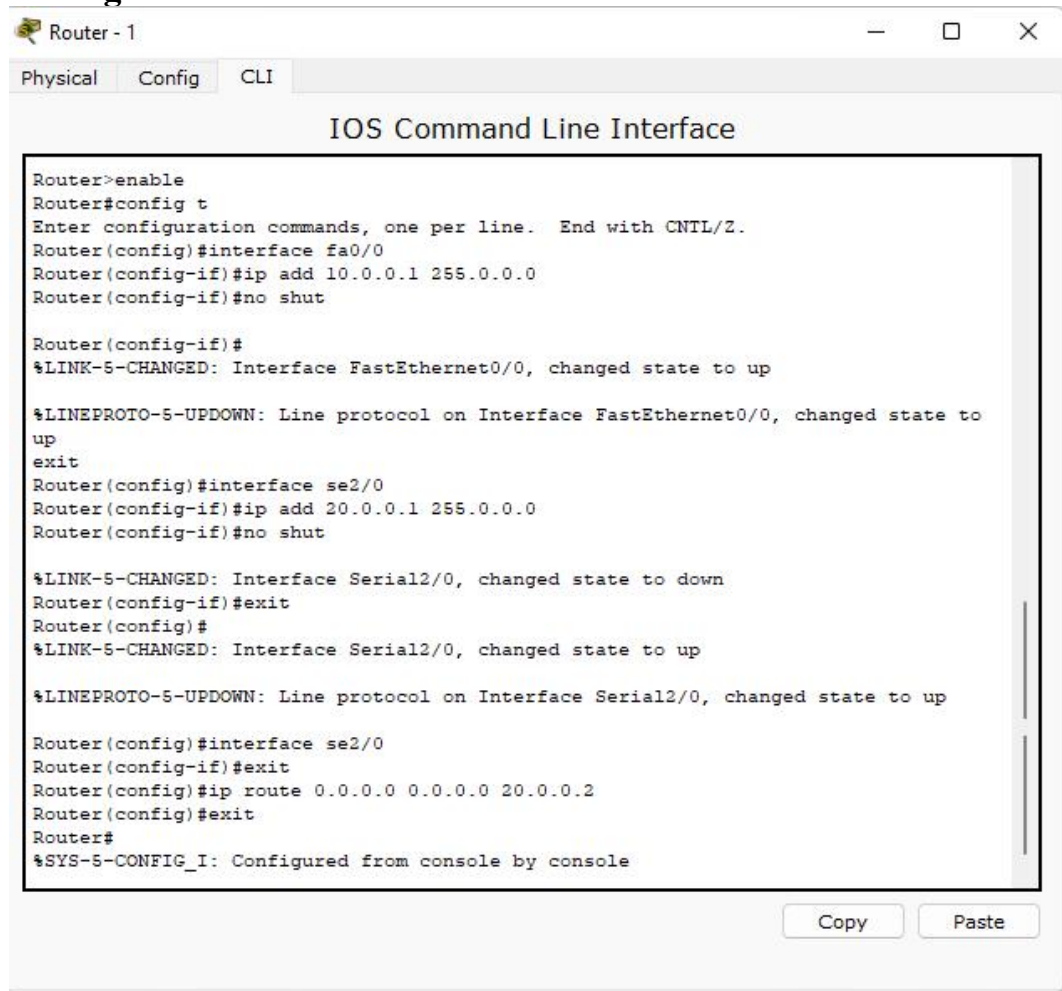
☐ Auto Config

☒ Static

IPv6 Address /

Link Local Address: FE80::2D0:FFFF:FE55:5316

## Router - 1 Configuration:



The screenshot shows a window titled "Router - 1" with tabs for "Physical", "Config", and "CLI". The "CLI" tab is active, displaying the "IOS Command Line Interface". The terminal output shows the following commands and responses:

```
Router>enable
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface fa0/0
Router(config-if)#ip add 10.0.0.1 255.0.0.0
Router(config-if)#no shut

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

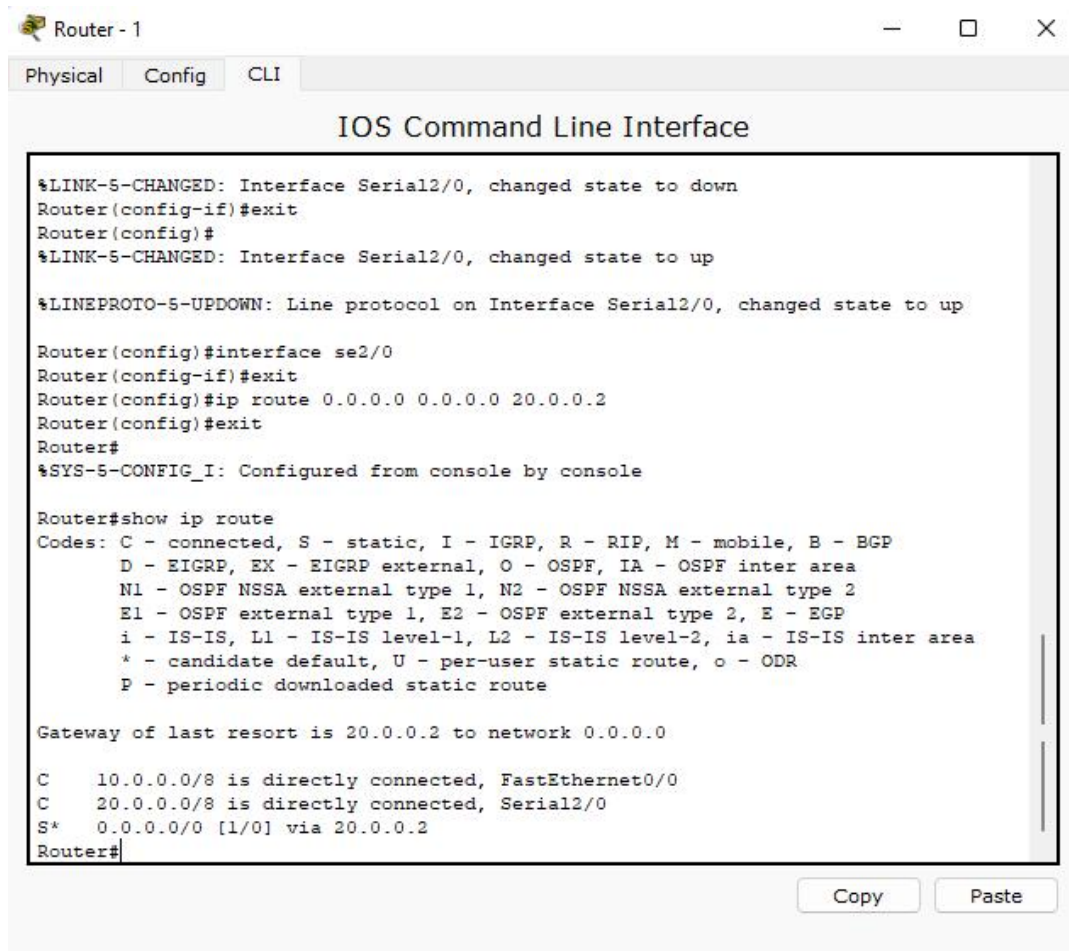
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
exit
Router(config)#interface se2/0
Router(config-if)#ip add 20.0.0.1 255.0.0.0
Router(config-if)#no shut

%LINK-5-CHANGED: Interface Serial2/0, changed state to down
Router(config-if)#exit
Router(config)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

Router(config)#interface se2/0
Router(config-if)#exit
Router(config)#ip route 0.0.0.0 0.0.0.0 20.0.0.2
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

At the bottom right of the CLI window, there are "Copy" and "Paste" buttons.



The screenshot shows the same "Router - 1" window, but now displaying the output of the "show ip route" command. The terminal output is as follows:

```
%LINK-5-CHANGED: Interface Serial2/0, changed state to down
Router(config-if)#exit
Router(config)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

Router(config)#interface se2/0
Router(config-if)#exit
Router(config)#ip route 0.0.0.0 0.0.0.0 20.0.0.2
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#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 20.0.0.2 to network 0.0.0.0

C    10.0.0.0/8 is directly connected, FastEthernet0/0
C    20.0.0.0/8 is directly connected, Serial2/0
S*   0.0.0.0/0 [1/0] via 20.0.0.2
Router#
```

At the bottom right of the CLI window, there are "Copy" and "Paste" buttons.

## Router - 2 Configuration:

Router - 2

Physical Config CLI

### IOS Command Line Interface

```
Router>enable
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface se2/0
Router(config-if)#ip add 20.0.0.2 255.0.0.0
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up
exit
Router(config)#interface se3/0
Router(config-if)#in
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to u
Router(config-if)#ip add 30.0.0.1 255.0.0.0
Router(config-if)#no shut

%LINK-5-CHANGED: Interface Serial3/0, changed state to down
Router(config-if)#exit
Router(config)#
%LINK-5-CHANGED: Interface Serial3/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0, changed state to up

Router(config)#ip route 10.0.0.0 255.0.0.0 20.0.0.1
Router(config)#ip route 40.0.0.0 255.0.0.0 30.0.0.2
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

Copy Paste

Router - 2

Physical Config CLI

### IOS Command Line Interface

```
%LINK-5-CHANGED: Interface Serial3/0, changed state to down
Router(config-if)#exit
Router(config)#
%LINK-5-CHANGED: Interface Serial3/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0, changed state to up

Router(config)#ip route 10.0.0.0 255.0.0.0 20.0.0.1
Router(config)#ip route 40.0.0.0 255.0.0.0 30.0.0.2
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#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

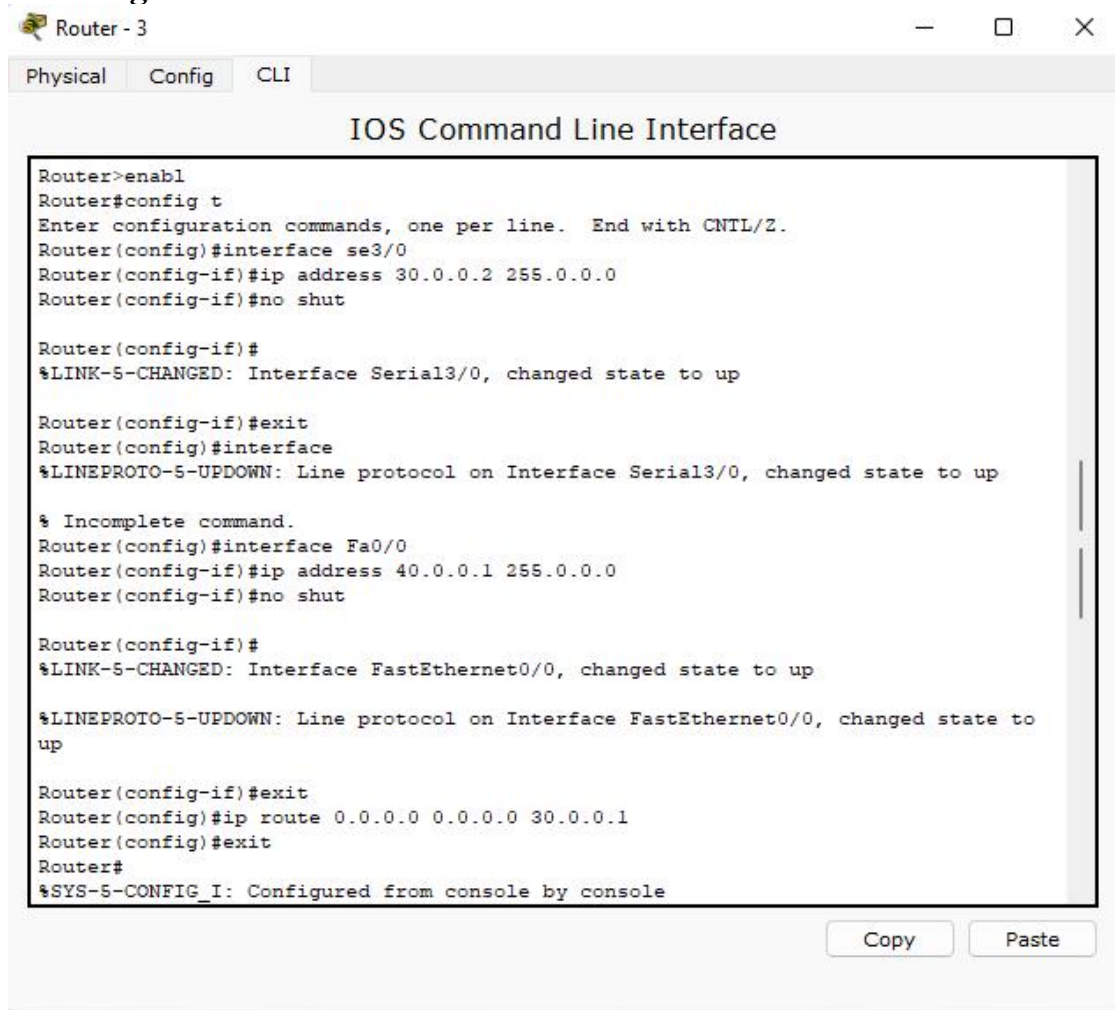
Gateway of last resort is not set

S    10.0.0.0/8 [1/0] via 20.0.0.1
C    20.0.0.0/8 is directly connected, Serial2/0
C    30.0.0.0/8 is directly connected, Serial3/0
S    40.0.0.0/8 [1/0] via 30.0.0.2
Router#
```

Copy Paste



## Router - 3 Configuration:



The image shows a window titled "Router - 3" with tabs for "Physical", "Config", and "CLI". The "CLI" tab is active, displaying the "IOS Command Line Interface". The terminal output shows the following commands and responses:

```
Router>enabl
Router#config t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface se3/0
Router(config-if)#ip address 30.0.0.2 255.0.0.0
Router(config-if)#no shut

Router(config-if)#
%LINK-5-CHANGED: Interface Serial3/0, changed state to up

Router(config-if)#exit
Router(config)#interface
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0, changed state to up

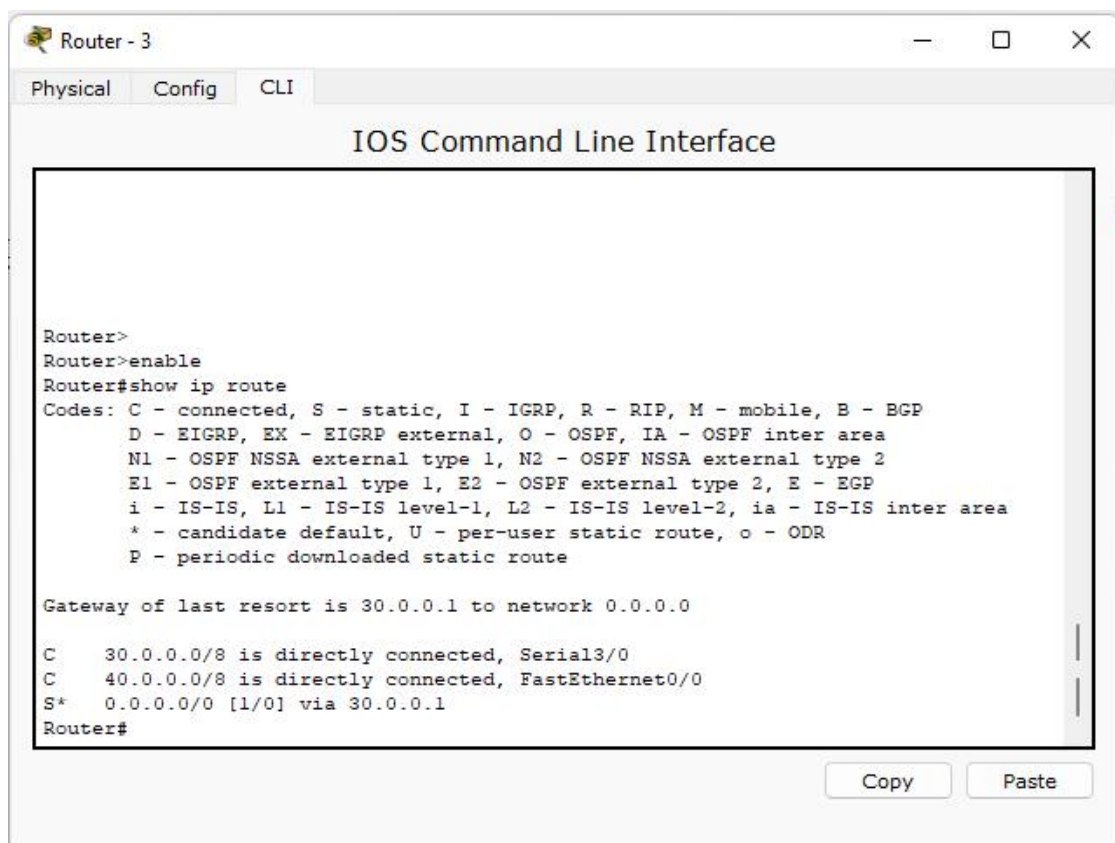
% Incomplete command.
Router(config)#interface Fa0/0
Router(config-if)#ip address 40.0.0.1 255.0.0.0
Router(config-if)#no shut

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)#ip route 0.0.0.0 0.0.0.0 30.0.0.1
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
```

At the bottom right of the CLI window, there are "Copy" and "Paste" buttons.



The image shows a window titled "Router - 3" with tabs for "Physical", "Config", and "CLI". The "CLI" tab is active, displaying the "IOS Command Line Interface". The terminal output shows the following commands and responses:

```
Router>
Router>enable
Router#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 30.0.0.1 to network 0.0.0.0

C    30.0.0.0/8 is directly connected, Serial3/0
C    40.0.0.0/8 is directly connected, FastEthernet0/0
S*   0.0.0.0/0 [1/0] via 30.0.0.1
Router#
```

At the bottom right of the CLI window, there are "Copy" and "Paste" buttons.

## Sending a PDU from PC - 1 to PC - 2:

**PDU Information at Device: 10.0.0.2**

OSI Model: Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152	156	160	164	168	172	176	180	184	188	192	196	200	204	208	212	216	220	224	228	232	236	240	244	248	252	256	260	264	268	272	276	280	284	288	292	296	300	304	308	312	316	320	324	328	332	336	340	344	348	352	356	360	364	368	372	376	380	384	388	392	396	400	404	408	412	416	420	424	428	432	436	440	444	448	452	456	460	464	468	472	476	480	484	488	492	496	500	504	508	512	516	520	524	528	532	536	540	544	548	552	556	560	564	568	572	576	580	584	588	592	596	600	604	608	612	616	620	624	628	632	636	640	644	648	652	656	660	664	668	672	676	680	684	688	692	696	700	704	708	712	716	720	724	728	732	736	740	744	748	752	756	760	764	768	772	776	780	784	788	792	796	800	804	808	812	816	820	824	828	832	836	840	844	848	852	856	860	864	868	872	876	880	884	888	892	896	900	904	908	912	916	920	924	928	932	936	940	944	948	952	956	960	964	968	972	976	980	984	988	992	996	1000
PREAMBLE: 101010...1011																DEST MAC: 0001.963C.4A45																SRC MAC: 00E0.F919.E5C7																																																																																																																																																																																																																										
TYPE: 0x800																DATA (VARIABLE LENGTH)																FCS: 0x0																																																																																																																																																																																																																										

IP

0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152	156	160	164	168	172	176	180	184	188	192	196	200	204	208	212	216	220	224	228	232	236	240	244	248	252	256	260	264	268	272	276	280	284	288	292	296	300	304	308	312	316	320	324	328	332	336	340	344	348	352	356	360	364	368	372	376	380	384	388	392	396	400	404	408	412	416	420	424	428	432	436	440	444	448	452	456	460	464	468	472	476	480	484	488	492	496	500	504	508	512	516	520	524	528	532	536	540	544	548	552	556	560	564	568	572	576	580	584	588	592	596	600	604	608	612	616	620	624	628	632	636	640	644	648	652	656	660	664	668	672	676	680	684	688	692	696	700	704	708	712	716	720	724	728	732	736	740	744	748	752	756	760	764	768	772	776	780	784	788	792	796	800	804	808	812	816	820	824	828	832	836	840	844	848	852	856	860	864	868	872	876	880	884	888	892	896	900	904	908	912	916	920	924	928	932	936	940	944	948	952	956	960	964	968	972	976	980	984	988	992	996	1000
ID: 0x4																DSCP: 0x0																TL: 28																																																																																																																																																																																																																										
TTL: 255																PRO: 0x1																CHKSUM																																																																																																																																																																																																																										
SRC IP: 10.0.0.2																DST IP: 40.0.0.2																																																																																																																																																																																																																																										
OPT: 0x0																DATA (VARIABLE LENGTH)																																																																																																																																																																																																																																										

ICMP

0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152	156	160	164	168	172	176	180	184	188	192	196	200	204	208	212	216	220	224	228	232	236	240	244	248	252	256	260	264	268	272	276	280	284	288	292	296	300	304	308	312	316	320	324	328	332	336	340	344	348	352	356	360	364	368	372	376	380	384	388	392	396	400	404	408	412	416	420	424	428	432	436	440	444	448	452	456	460	464	468	472	476	480	484	488	492	496	500	504	508	512	516	520	524	528	532	536	540	544	548	552	556	560	564	568	572	576	580	584	588	592	596	600	604	608	612	616	620	624	628	632	636	640	644	648	652	656	660	664	668	672	676	680	684	688	692	696	700	704	708	712	716	720	724	728	732	736	740	744	748	752	756	760	764	768	772	776	780	784	788	792	796	800	804	808	812	816	820	824	828	832	836	840	844	848	852	856	860	864	868	872	876	880	884	888	892	896	900	904	908	912	916	920	924	928	932	936	940	944	948	952	956	960	964	968	972	976	980	984	988	992	996	1000
TYPE: 0x8																CODE: 0x0																CHECKSUM																																																																																																																																																																																																																										
ID: 0x5																SEQ NUMBER: 4																																																																																																																																																																																																																																										

Simulation Panel

Vis.	Time(sec)	Last Device	At Device	Type	Info
0.000	--	10.0.0.2	10.0.0.2	ICMP	

Reset Simulation: ☒ Constant Delay

Captured to: 0.000 s

Play Controls: Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events: ACL Filter, ARP, BGP, CD, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RIP, RIPv6, RSTP, SCOP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Event List: (delete)

Scenario 0

New Delete

Toggle PDU List Window

Fire: In Progress

Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

Simulation Panel

Vis.	Time(sec)	Last Device	At Device	Type	Info
0.000	--	10.0.0.2	10.0.0.2	ICMP	
0.001	10.0.0.2	Router - 1	ICMP		

Reset Simulation: ☒ Constant Delay

Captured to: 0.001 s

Play Controls: Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events: ACL Filter, ARP, BGP, CD, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RIP, RIPv6, RSTP, SCOP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Event List: (delete)

Scenario 0

New Delete

Toggle PDU List Window

Fire: In Progress

Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

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

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	

Reset Simulation Constant Delay Captured to: 0.001 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CD, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TFTP, TFTPng, UDS, VTP

Edit Filters Show All/None

PDU Information at Device: Router - 1

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

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

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) (20.0.0.1) Router-PT Router - 2 (20.0.0.2) (30.0.0.1)

PDU Information at Device: Router - 2

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

HDLG

0	8	16	32	48	64
FLG:	ADR:	CONTROL:	DATA: (VARIABLE LENGTH)	FCS:	FLG:
0111	0x8f	0x0		0x0	0111
1110					1110

IP

0	4	8	16	32	48	64
IHL:	DSCP:	0x0	0x0	0x0	0x0	0x0
ID:	0x4	0x0	0x0	0x0	0x0	0x0
TTL:	254	PRO:	0x1	CHKSUM		
SRC IP:	10.0.0.2					
DST IP:	40.0.0.2					
OPT:	0x0					
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	32	48	64
TYPE:	0x8	CODE:	0x0	CHECKSUM	
ID:	0x5	SEQ NUMBER:	4		

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	

Reset Simulation Constant Delay Captured to: 0.002 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, RDP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, YTP

Edit Filters Show All/None

Time: 00:38:04.034 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Connections

Scenario 0

New Delete

Toggle PDU List Window

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

In Progress 10.0.0.2 40.0.0.2 ICMP 0.000 N 0 (edit) (delete)

Copper Cross-Over

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

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) (20.0.0.1) Router-PT Router - 2 (20.0.0.2) (30.0.0.1)

PDU Information at Device: Router - 2

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

HDLG

0	8	16	32	48	64
FLG:	ADR:	CONTROL:	DATA: (VARIABLE LENGTH)	FCS:	FLG:
0111	0x8f	0x0		0x0	0111
1110					1110

IP

0	4	8	16	32	48	64
IHL:	DSCP:	0x0	0x0	0x0	0x0	0x0
ID:	0x4	0x0	0x0	0x0	0x0	0x0
TTL:	253	PRO:	0x1	CHKSUM		
SRC IP:	10.0.0.2					
DST IP:	40.0.0.2					
OPT:	0x0					
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	32	48	64
TYPE:	0x8	CODE:	0x0	CHECKSUM	
ID:	0x5	SEQ NUMBER:	4		

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	

Reset Simulation Constant Delay Captured to: 0.002 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, RDP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, YTP

Edit Filters Show All/None

Time: 00:38:04.034 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Connections

Scenario 0

New Delete

Toggle PDU List Window

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

In Progress 10.0.0.2 40.0.0.2 ICMP 0.000 N 0 (edit) (delete)

Copper Cross-Over



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

PDU Information at Device: Router - 3

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

HDLC

0	8	16	32	32+xx	48+xx	56+xx
FLG:	ADR:	CONTROL:	DATA: (VARIABLE LENGTH)	FCS:	FLG:	
0111	0x8F	0x0		0x0	0111	1110

IP

0	4	8	16	19	31	Bits
IHL:	DSCP:	0x0	TL:	28		
ID:	0x4		0x0		0x0	
TTL:	253	PRO:	0x1	CHKSUM		
SRC IP: 10.0.0.2						
DST IP: 40.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE:	0x8	CODE:	0x0	CHECKSUM
ID:	0x5	SEQ NUMBER: 4		

PC-PT 10.0.0.2 Fa0 Gateway: 10.0.0.1 (10.0.0.1) Router-PT Router - 3 Fa0/0 (30.0.0.2) (40.0.0.1) Fa0 PC-PT 40.0.0.2 Gateway: 40.0.0.1

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
0.000	--		10.0.0.2	ICMP	
0.001	10.0.0.2	Router - 1		ICMP	
0.002	Router - 1	Router - 2		ICMP	
0.003	Router - 2	Router - 3		ICMP	

Reset Simulation Constant Delay Captured to: 0.003 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NDR, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RDP, RDPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.035 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0

New Delete

Toggle PDU List Window

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

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
In Progress		10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

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

PDU Information at Device: Router - 3

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	14	19	31	Bits
PREAMBLE:	101010...1011	DEST MAC:	0000.FF55.5316	SRC MAC:	0002.1628.2B24	
TYPE:	0x800	DATA (VARIABLE LENGTH)		FCS:	0x0	

IP

0	4	8	16	19	31	Bits
IHL:	DSCP:	0x0	TL:	28		
ID:	0x4		0x0		0x0	
TTL:	253	PRO:	0x1	CHKSUM		
SRC IP: 10.0.0.2						
DST IP: 40.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE:	0x8	CODE:	0x0	CHECKSUM
ID:	0x5	SEQ NUMBER: 4		

PC-PT 10.0.0.2 Fa0 Gateway: 10.0.0.1 (10.0.0.1) Router-PT Router - 3 Fa0/0 (30.0.0.2) (40.0.0.1) Fa0 PC-PT 40.0.0.2 Gateway: 40.0.0.1

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
0.000	--		10.0.0.2	ICMP	
0.001	10.0.0.2	Router - 1		ICMP	
0.002	Router - 1	Router - 2		ICMP	
0.003	Router - 2	Router - 3		ICMP	

Reset Simulation Constant Delay Captured to: 0.003 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NDR, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RDP, RDPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.035 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0

New Delete

Toggle PDU List Window

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

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
In Progress		10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

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

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) Fa0/0 Se2/0 (20.0.0.1) PC-PT 40.0.0.2

PDU Information at Device: 40.0.0.2

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	14	18	31	Byts
PREAMBLE: 101010...1011		DEST MAC: 00D0.FF55.5316		SRC MAC: 00D0.1628.2B24		
TYPE: 0x800		DATA (VARIABLE LENGTH)		FCS: 0x0		

IP

0	4	8	16	19	31	Bits
IHL: 0x4		DSOCP: 0x0		TL: 28		
ID: 0x4		0x0		0x0		
TTL: 252		PRO: 0x1		CHKSUM		
SRC IP: 10.0.0.2		DST IP: 40.0.0.2		OPT: 0x0		
DATA (VARIABLE LENGTH)		0x0				

ICMP

0	8	16	31	Bits
TYPE: 0x8		CODE: 0x0		
ID: 0x5		SEQ NUMBER: 4		

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	

Reset Simulation Constant Delay Captured to: 0.004 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTN, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TFTP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.036 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0

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

In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)
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Toggle PDU List Window

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

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) Fa0/0 Se2/0 (20.0.0.1) PC-PT 40.0.0.2

PDU Information at Device: 40.0.0.2

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	14	18	31	Byts
PREAMBLE: 101010...1011		DEST MAC: 00D0.1628.2B24		SRC MAC: 00D0.FF55.5316		
TYPE: 0x800		DATA (VARIABLE LENGTH)		FCS: 0x0		

IP

0	4	8	16	19	31	Bits
IHL: 0x4		DSOCP: 0x0		TL: 28		
ID: 0x3		0x0		0x0		
TTL: 128		PRO: 0x1		CHKSUM		
SRC IP: 40.0.0.2		DST IP: 10.0.0.2		OPT: 0x0		
DATA (VARIABLE LENGTH)		0x0				

ICMP

0	8	16	31	Bits
TYPE: 0x0		CODE: 0x0		
ID: 0x5		SEQ NUMBER: 4		

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	

Reset Simulation Constant Delay Captured to: 0.004 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTN, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TFTP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.036 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0

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

In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)
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Toggle PDU List Window

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

PDU Information at Device: Router - 3

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	14	18	31	Bytes
PREAMBLE: 101010...1011						
TYPE: 0x00		DATA (VARIABLE LENGTH)			FCS: 0x0	

IP

0	4	8	16	19	31	Bits
ID: 0x3		DSCP: 0x0		TL: 28		
TTL: 128		PRO: 0x1		CHKSUM		
SRC IP: 40.0.0.2						
DST IP: 10.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE: 0x0		CODE: 0x0		
ID: 0x5		SEQ NUMBER: 4		

PC-PT 10.0.0.2 Gateway: 10.0.0.1

Router-PT Router - 3 (30.0.0.2) Fa0/0 (40.0.0.1) Gateway: 40.0.0.1 PC-PT 40.0.0.2

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	
	0.005	40.0.0.2	Router - 3	ICMP	

Reset Simulation Constant Delay Captured to: 0.005 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CD, DHCP, DHCPv6, DNS, DT, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPv6, RDP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.037 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0

New Delete

Toggle PDU List Window

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

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

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

PDU Information at Device: Router - 3

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

HDLC

0	8	16	32	32+4	40+4	56+4	
FLAG: 0111 0111 1110							
ADR: 0x0f		CONTROL: 0x0		DATA: (VARIABLE LENGTH)		FCS: 0x0	
RLG: 0111 1110							

IP

0	4	8	16	19	31	Bits
ID: 0x3		DSCP: 0x0		TL: 28		
TTL: 127		PRO: 0x1		CHKSUM		
SRC IP: 40.0.0.2						
DST IP: 10.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE: 0x0		CODE: 0x0		
ID: 0x5		SEQ NUMBER: 4		

PC-PT 10.0.0.2 Gateway: 10.0.0.1

Router-PT Router - 3 (30.0.0.2) Fa0/0 (40.0.0.1) Gateway: 40.0.0.1 PC-PT 40.0.0.2

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	
	0.005	40.0.0.2	Router - 3	ICMP	

Reset Simulation Constant Delay Captured to: 0.005 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CD, DHCP, DHCPv6, DNS, DT, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPv6, RDP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.037 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0

New Delete

Toggle PDU List Window

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

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

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

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) (20.0.0.1) Router-PT Router - 2 (20.0.0.2) (30.0.0.1)

PDU Information at Device: Router - 2

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

HDLCL

0	8	16	32	32+K	48+K	56+K
FLG: 0111 1110	ADR: 0x8f	CONTROL: 0x0	DATA: (VARIABLE LENGTH)	FCS: 0x0	FLG: 0111 1110	

IP

0	4	8	16	19	31	Bits
4	IHL	DSCP: 0x0		TL: 28		
ID: 0x3			0x0	0x0		
TTL: 127	PRO: 0x1			CHKSUM		
SRC IP: 40.0.0.2						
DST IP: 10.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE: 0x0	CODE: 0x0	CHKSUM		
ID: 0x5		SEQ NUMBER: 4		

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	Router - 1	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	
	0.005	Router - 3	Router - 3	ICMP	
	0.006	Router - 3	Router - 2	ICMP	

Reset Simulation Constant Delay Captured to: 0.006 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NDR, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPv6, RFP, SCOP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.038 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0 New Delete

Toggle PDU List Window

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

In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)
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Logical [Root] New Cluster Move Object Set Tiled Background Viewport

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) (20.0.0.1) Router-PT Router - 2 (20.0.0.2) (30.0.0.1)

PDU Information at Device: Router - 2

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

HDLCL

0	8	16	32	32+K	48+K	56+K
FLG: 0111 1110	ADR: 0x8f	CONTROL: 0x0	DATA: (VARIABLE LENGTH)	FCS: 0x0	FLG: 0111 1110	

IP

0	4	8	16	19	31	Bits
4	IHL	DSCP: 0x0		TL: 28		
ID: 0x3			0x0	0x0		
TTL: 126	PRO: 0x1			CHKSUM		
SRC IP: 40.0.0.2						
DST IP: 10.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE: 0x0	CODE: 0x0	CHKSUM		
ID: 0x5		SEQ NUMBER: 4		

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	Router - 1	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	
	0.005	Router - 3	Router - 3	ICMP	
	0.006	Router - 3	Router - 2	ICMP	

Reset Simulation Constant Delay Captured to: 0.006 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NDR, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPv6, RFP, SCOP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.038 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0 New Delete

Toggle PDU List Window

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

In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)
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Logical [Root] New Cluster Move Object Set Tiled Background Viewport

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) (20.0.0.1) (20.0.0.2) Se2/0 Router Route

PDU Information at Device: Router - 1

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

HDLC

0	8	16	32	32+...	48+...	64+...
FLG:	0111	000F	CONTROL:	0x0	DATA: (VARIABLE LENGTH)	FCS: 0x0
FLG:	0111	1110				FLG: 0111 1110

IP

0	4	8	16	19	31	31+...
4	IHL	DSCP:	0x0	TTL:	28	
ID:	0x3		0x0		0x0	
TTL:	125	PRO:	0x1		CHKSUM	
SRC IP: 40.0.0.2						
DST IP: 10.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	31+...
TYPE:	0x0	CODE:	0x0	CHECKSUM
ID:	0x5		SEQ NUMBER:	4

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	
	0.005	40.0.0.2	Router - 3	ICMP	
	0.006	Router - 3	Router - 2	ICMP	
	0.007	Router - 2	Router - 1	ICMP	

Reset Simulation Constant Delay Captured to: 0.007 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CD, DHCP, DHCPv6, DNS, DT, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.039 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

Toggle PDU List Window

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

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) (20.0.0.1) (20.0.0.2) Se2/0 Router Route

PDU Information at Device: Router - 1

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	16	19	31	31+...
PREAMBLE:		DEST MAC:		SRC MAC:		
101010...1011		00E0.F319.E5C7		0001.963C.4A45		
TYPE:		DATA (VARIABLE LENGTH)		FCS: 0x0		
0x800						

IP

0	4	8	16	19	31	31+...
4	IHL	DSCP:	0x0	TTL:	28	
ID:	0x3		0x0		0x0	
TTL:	125	PRO:	0x1		CHKSUM	
SRC IP: 40.0.0.2						
DST IP: 10.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	31+...
TYPE:	0x0	CODE:	0x0	CHECKSUM
ID:	0x5		SEQ NUMBER:	4

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
	0.000	--	10.0.0.2	ICMP	
	0.001	10.0.0.2	Router - 1	ICMP	
	0.002	Router - 1	Router - 2	ICMP	
	0.003	Router - 2	Router - 3	ICMP	
	0.004	Router - 3	40.0.0.2	ICMP	
	0.005	40.0.0.2	Router - 3	ICMP	
	0.006	Router - 3	Router - 2	ICMP	
	0.007	Router - 2	Router - 1	ICMP	

Reset Simulation Constant Delay Captured to: 0.007 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CD, DHCP, DHCPv6, DNS, DT, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.039 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0 Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	In Progress	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)

Toggle PDU List Window

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

PC-PT 10.0.0.2 Gateway: 10.0.0.1 Router-PT Router - 1 (10.0.0.1) Fa0/0 Se2/0 (20.0.0.1) (20.0.0.2) Router

PDU Information at Device: 10.0.0.2

OSI Model Inbound PDU Details

PDU Formats

Ethernet II

0	4	8	14	19	Bytes
PREAMBLE: 101010...1011					
TYPE: 0x800		DEST MAC: 00E0.F919.E5C7		SRC MAC: 0001.963C.4A45	
DATA (VARIABLE LENGTH)					
FCS: 0x0					

IP

0	4	8	16	19	31	Bits
ID: 0x3		DSCP: 0x0		TL: 28		
TTL: 125		PRO: 0x1		CHKSUM		
SRC IP: 10.0.0.2						
DST IP: 10.0.0.2						
OPT: 0x0						
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits	
TYPE: 0x0		CODE: 0x0		CHECKSUM	
ID: 0x5		SEQ NUMBER: 4			

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
0.000	--	10.0.0.2	Router - 1	ICMP	
0.001	10.0.0.2	Router - 1	Router - 2	ICMP	
0.002	Router - 1	Router - 2	Router - 3	ICMP	
0.003	Router - 2	Router - 3	Router - 3	ICMP	
0.004	Router - 3	40.0.0.2	Router - 3	ICMP	
0.005	40.0.0.2	Router - 3	Router - 1	ICMP	
0.006	Router - 3	Router - 2	Router - 1	ICMP	
0.007	Router - 2	Router - 1	Router - 1	ICMP	
0.008	Router - 1	10.0.0.2	Router - 1	ICMP	

Reset Simulation Constant Delay Captured to: 0.008 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CD, DHCPv6, DNS, DT, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPSec, ISAKMP, LACP, NCP, NETFLOW, NTP, OSPF, OSPFv6, Raps, POP3, RADIUS, RIP, RIPng, RTP, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:38:04.040 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Connections

Copper Cross-Over

Scenario 0

New Delete

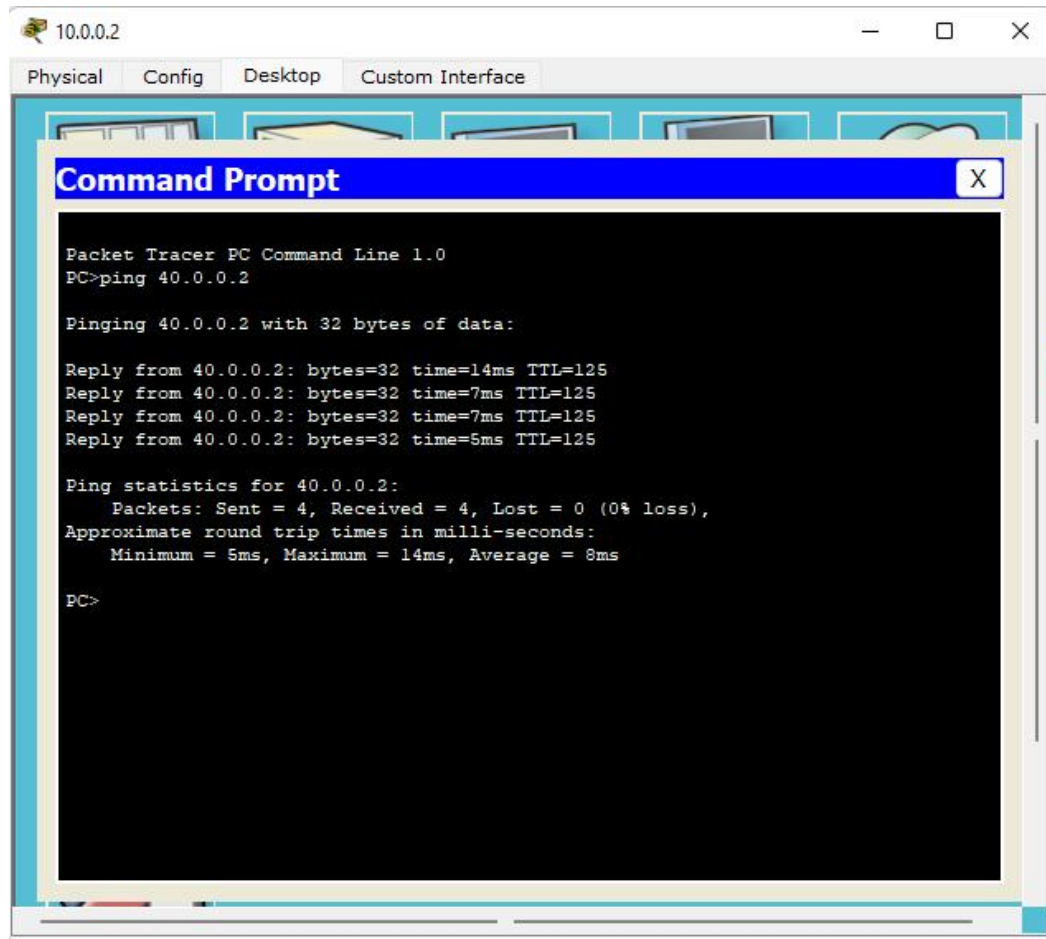
Toggle PDU List Window

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

Successful	10.0.0.2	40.0.0.2	ICMP		0.000	N	0	(edit)	(delete)
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Simulation

## Pinging from PC - 1 to PC - 2:



## Pinging from PC - 2 to PC - 1:

