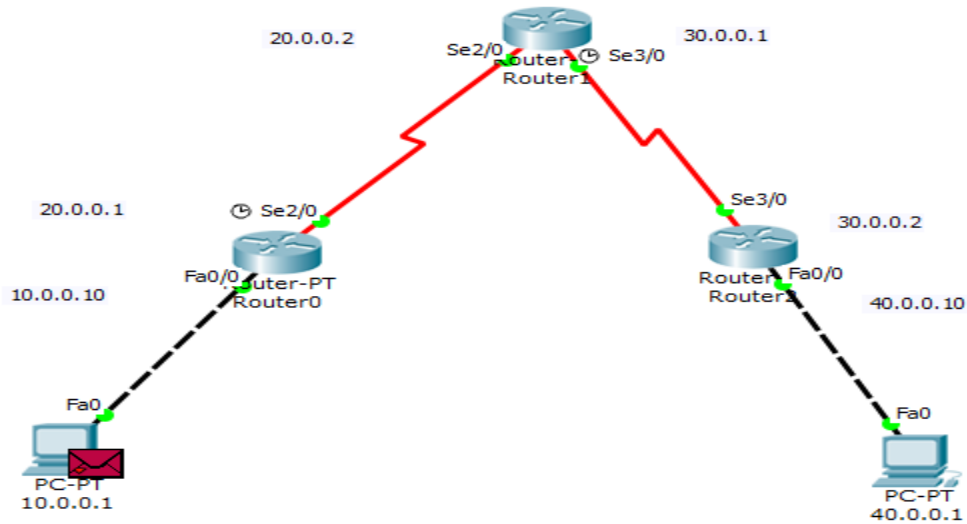


CN LAB-08a (18/08/2023)

USN: 1BM21CS172

Create a topology in order to depict TTL of a packet.

TOPOLOGY:



ROUTER CONFIG:

```
Router#
Physical Config CLI
IOS Command Line Interface

Cisco Internetwork Operating System Software
IOS (tm) PT1000 Software (PT1000-I-M), Version 12.3(13), RELEASE SOFTWARE (fob)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2005 by Cisco Systems, Inc.
Compiled Wed 27-Apr-06 15:01 by ming

PT 1001 (PTSC1005) processor (revision 0x200) with 6941K/5120K bytes of memory

Processor board ID FT0123 (0123)
PT2005 processor: part number 0, mask 01
Building software:
  0.25 software, Version 3.0.0.
  4 FastEthernet/IEEE 802.3 interface(s)
  2 low-speed serial(wpar/arpw) network interface(s)
  32K bytes of non-volatile configuration memory.
  6340K bytes of ATA CompactFlash (Read/Write)

--- System Configuration Dialog ---
Continue with configuration dialog? [yes/no]: n
Press RETURN to get started!

Router#enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#no shut
Router(config-if)#
ALINK-0-CHANGED: Interface FastEthernet0/0, changed state to up
ALINK-0-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#ip address 20.0.0.1 255.0.0.0
Router(config-if)#no shut
ALINK-0-CHANGED: Interface Serial2/0, changed state to down
Router(config-if)#exit
ALINK-0-CHANGED: Interface Serial2/0, changed state to up
ALINK-0-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
Router(config)#ip route 0.0.0.0 0.0.0.0 20.0.0.2
Router(config)#exit
Router#
NVRAM-0-CFGID_1: Configured from console by console
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
```

Router5

Physical Config CLI

IOS Command Line Interface

San Jose, California 95134-1706

Cisco Internetwork Operating System Software
IOS (tm) PT1000 Software (PT1000-I-M), Version 12.2(28), RELEASE SOFTWARE (fc6)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2008 by Cisco Systems, Inc
Compiled Wed 27-Apr-04 15:01 by miwang

PT 1001 (PT8C2008) processor (revision 0x200) with 6541K/5120K bytes of memory

Processor board ID PT0128 (0128)
PT1008 processor: part number 0, mask 01
Bridging software
X.25 software, Version 3.0.0
4 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
12K bytes of non-volatile configuration memory
4348K bytes of ATA CompactFlash (Read/Write)

--- System Configuration Dialog ---
Continue with configuration dialog? [yes/no]: n

Press RETURN to get started!

Router>enable
Router(configure terminal)
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface Serial2/0
Router(config-if)#ip address 20.0.0.2 255.0.0.0
Router(config-if)#no shut

Router(config-if)#
ALINK-6-CHANGED: Interface Serial2/0, changed state to up

Router(config-if)#exit
Router(config)#interface
ALINKPROTO-6-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

% Incomplete command.
Router(config)#interface Serial3/0
Router(config-if)#ip address 30.0.0.1 255.0.0.0
Router(config-if)#no shut

ALINK-6-CHANGED: Interface Serial3/0, changed state to down
Router(config-if)#exit
Router(config)#
ALINK-6-CHANGED: Interface Serial3/0, changed state to up

ALINKPROTO-6-UPDOWN: Line protocol on Interface Serial3/0, changed state to up

Router(config)#ip route 10.0.0.0 255.0.0.0 30.0.0.1
Router(config)#ip route 40.0.0.0 255.0.0.0 30.0.0.2
Router(config)#exit
Router>
NVRAM-6-CFGID_1: Configured from console by console

Copy Paste

30°C
Rain tomorrow

Search

1519
18-08-2023

Router6

Physical Config CLI

IOS Command Line Interface

cisco Systems, Inc.
170 West Tasman Drive
San Jose, California 95134-1706

Cisco Internetwork Operating System Software
IOS (tm) PT1000 Software (PT1000-I-M), Version 12.2(28), RELEASE SOFTWARE (fc6)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2008 by Cisco Systems, Inc
Compiled Wed 27-Apr-04 15:01 by miwang

PT 1001 (PT8C2008) processor (revision 0x200) with 6541K/5120K bytes of memory

Processor board ID PT0128 (0128)
PT1008 processor: part number 0, mask 01
Bridging software
X.25 software, Version 3.0.0
4 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
12K bytes of non-volatile configuration memory
4348K bytes of ATA CompactFlash (Read/Write)

--- System Configuration Dialog ---
Continue with configuration dialog? [yes/no]: n

Press RETURN to get started!

Router>enable
Router(configure terminal)
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface Serial3/0
Router(config-if)#ip address 30.0.0.2 255.0.0.0
Router(config-if)#no shut

Router(config-if)#
ALINK-6-CHANGED: Interface Serial3/0, changed state to up

Router(config-if)#exit
Router(config)#interface
ALINKPROTO-6-UPDOWN: Line protocol on Interface Serial3/0, changed state to up

% Incomplete command.
Router(config)#interface FastEthernet0/0
Router(config-if)#ip address 40.0.0.10 255.0.0.0
Router(config-if)#no shut

ALINK-6-CHANGED: Interface FastEthernet0/0, changed state to up

ALINKPROTO-6-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>
NVRAM-6-CFGID_1: Configured from console by console

Copy Paste

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Rain tomorrow

Search

1520
18-08-2023

SENDING THE PDU NOTING THE DROP OF TTL VALUE AS IT CROSSES A ROUTER

PC-0 -> PC-1

PDU Information at Device: 10.0.0.1

OSI Model: Outbound PDU Details

PDU Formats

Ethernet II

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Byts
PREAMBLE: 101010...1011		DEST MAC: 0060.3F7E.3A49		SRC MAC: 0030.F228.4109																												
TYPE: 0x000		DATA (VARIABLE LENGTH)														FCs: 0x0																

IP

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Bits
ID: 0x1b		DSCTP: 0x0		TTL: 255																												
TTL: 255		PRO: 0x1		CHSUM: 0x0																												
SRC IP: 10.0.0.1		DST IP: 40.0.0.1																														
OPT: 0x0		DATA (VARIABLE LENGTH)																														

ICMP

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Bits
TYPE: 0x8		CODE: 0x0		CHECKSUM: 0x0																												
ID: 0xa		SEQ NUMBER: 27																														

Event List

Time(sec)	Last Device	At Device	Type	Info
0.000	10.0.0.1	ICMP		

PDU Information at Device: Router1

OSI Model: Outbound PDU Details

PDU Formats

HDLC

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Bits
FLAG: 0111		ADDR: 0x0f		CONTROL: 0x0		DATA: (VARIABLE LENGTH)		FCs: 0x0		FLAG: 0111																						
TTL: 254		PRO: 0x1		CHSUM: 0x0																												
SRC IP: 10.0.0.1		DST IP: 40.0.0.1																														
OPT: 0x0		DATA (VARIABLE LENGTH)																														

IP

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Bits
ID: 0x1b		DSCTP: 0x0		TTL: 254																												
TTL: 254		PRO: 0x1		CHSUM: 0x0																												
SRC IP: 10.0.0.1		DST IP: 40.0.0.1																														
OPT: 0x0		DATA (VARIABLE LENGTH)																														

ICMP

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Bits
TYPE: 0x8		CODE: 0x0		CHECKSUM: 0x0																												
ID: 0xa		SEQ NUMBER: 27																														

Event List

Time(sec)	Last Device	At Device	Type	Info
0.001	10.0.0.1	Router1	ICMP	

Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical (root) New Cluster Move Object Set Tiled Background Viewport

PDU Information at Device Router5

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

ISL2C

0	8	16	32	32+8	48+8	64+8
PLGI: 0111	ADR: 0x0f	CONTROL: 0x0	DATA: (VARIABLE LENGTH)	FCSI: 0x0	PLGI: 0111	1110

IE

0	4	8	16	19	31	Bits
4	IHL: 0x1b	DSCP: 0x0	TL: 28	0x0	0x0	
TTL: 253	PRO: 0x1	CHKSUM				
SRC IP: 10.0.0.1						
DST IP: 40.0.0.1						
OPT: 0x0						0x0
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE: 0x8	CODE: 0x0	CHECKSUM		
ID: 0x0	SEQ NUMBER: 27			

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	All Device	Type	Info
0.000	10.0.0.1	Router4	Router5	ICMP	
0.001	10.0.0.1	Router4	Router5	ICMP	
0.002	Router4	Router5	Router5	ICMP	

Reset Simulation Constant Delay Captured to 0.002 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

AQ Filter: ARP, RDP, CDP, DHCP, DNS, FTP, EIGRP, ESP, H.323, HTTP, HTTPS, ICMP, IGMP, IPsec, ISAKMP, L2TP, NTP, NETFLOW, NTP, OSPF, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SMTP, SNMP, SSH, STP, STPv2, TACACS, TFTP, Telnet, UDP, VFP

Edit Filters Show All/None

Time: 00:39:30.241 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Scenario 0 New Delete

Toggle PDU List Window

Serial DCE

30°C Mostly cloudy

ENG IN 1515 18-08-2023

Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical (root) New Cluster Move Object Set Tiled Background Viewport

PDU Information at Device Router6

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	14	19	31	Bytes
PREAMBLE: 101010...1011		DEST MAC: 0090.2131.50A1		SRC MAC: 0002.17AB.A41E		
TYPE: 0x00		DATA (VARIABLE LENGTH)		FCSI: 0x0		

IE

0	4	8	16	19	31	Bits
4	IHL: 0x1b	DSCP: 0x0	TL: 28	0x0	0x0	
TTL: 252	PRO: 0x1	CHKSUM				
SRC IP: 10.0.0.1						
DST IP: 40.0.0.1						
OPT: 0x0						0x0
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE: 0x8	CODE: 0x0	CHECKSUM		
ID: 0x0	SEQ NUMBER: 27			

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	All Device	Type	Info
0.000	10.0.0.1	Router4	Router5	ICMP	
0.001	10.0.0.1	Router4	Router5	ICMP	
0.002	Router4	Router5	Router5	ICMP	
0.003	Router5	Router5	Router6	ICMP	

Reset Simulation Constant Delay Captured to 0.003 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

AQ Filter: ARP, RDP, CDP, DHCP, DNS, FTP, EIGRP, ESP, H.323, HTTP, HTTPS, ICMP, IGMP, IPsec, ISAKMP, L2TP, NTP, NETFLOW, NTP, OSPF, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SMTP, SNMP, SSH, STP, STPv2, TACACS, TFTP, Telnet, UDP, VFP

Edit Filters Show All/None

Time: 00:39:30.242 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

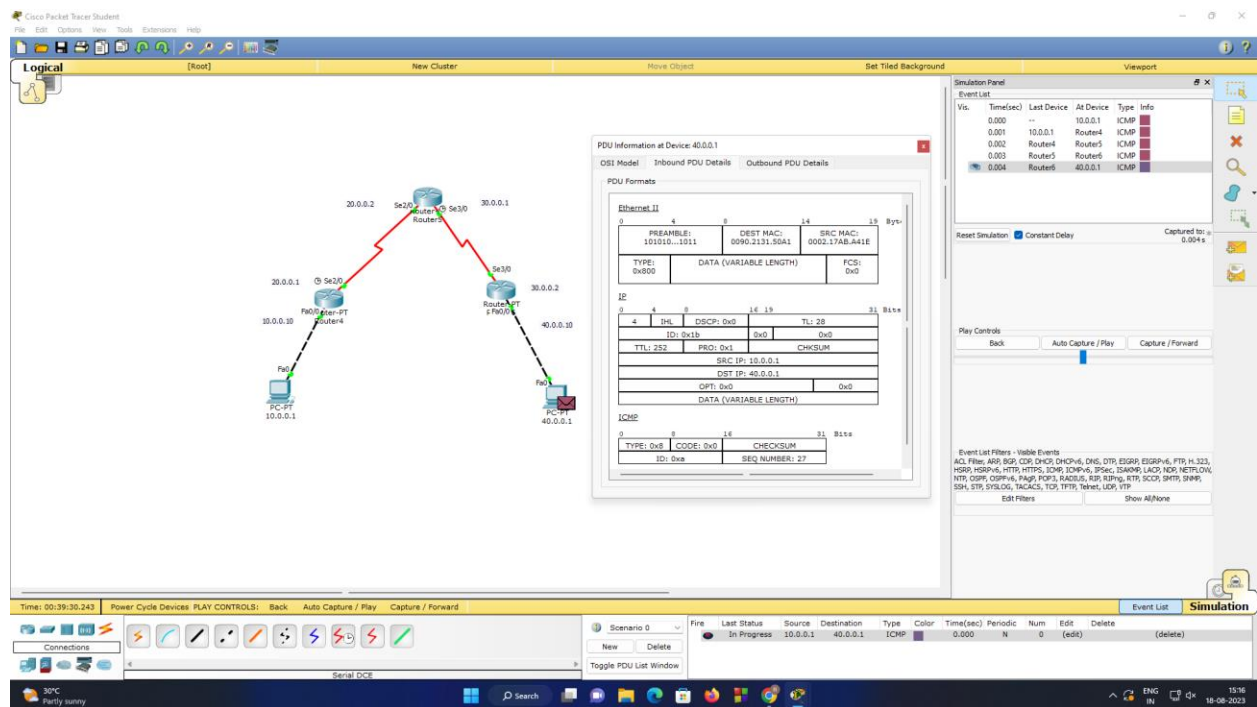
Scenario 0 New Delete

Toggle PDU List Window

Serial DCE

30°C Partly sunny

ENG IN 1515 18-08-2023



PC-1 ->PC-0

Cisco Packet Tracer Student

File Edit Options View Tools References Help

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

Simulation Panel

Event List

Time(sec)	Last Device	At Device	Type	Info
0.000	--	10.0.0.1	ICMP	
0.001	10.0.0.1	Router4	ICMP	
0.002	Router4	Router5	ICMP	
0.003	Router5	Router6	ICMP	
0.004	Router6	40.0.0.1	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, RDP, CDP, DHCP, DNS, FTP, ESP, ESP-6, FTP, H.323, HTTP, HTTPS, ICMP, ICMP-6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPF-6, PAgg, PAgg-6, RADIUS, RDP, RDP-6, RTR, SCOP, SFTP, SSH, SSH-6, STP, SYSLOG, TACACS, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

PDU Information at Device: 40.0.0.1

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	16	31	Bytes
PREAMBLE: 101010...1011		DEST MAC: 0002.17AB.A41E		SRC MAC: 0090.2131.50A1	
TYPE: 0x00		DATA (VARIABLE LENGTH)		FCS: 0x0	

IP

0	4	8	16	31	Bits
ID: 0x0		DISCOP: 0x0		TL: 28	
TTL: 128		PRO: 0x1		CHKSUM	
SRC IP: 40.0.0.1		DST IP: 10.0.0.1		OPT: 0x0	
DATA (VARIABLE LENGTH)				0x0	

ICMP

0	8	16	31	Bits	
TYPE: 0x0		CODE: 0x0		CHECKSUM	
ID: 0x0		SEQ NUMBER: 27			

Time: 00:39:30.243 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Connections

Scenario 0

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

3s Progress 10.0.0.1 40.0.0.1 ICMP 0.000 N 0 (edit) (delete)

Toggle PDU List Window

Serial DCE

30°C Partly sunny

15:16 10-08-2023

Cisco Packet Tracer Student

File Edit Options View Tools References Help

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

Simulation Panel

Event List

Time(sec)	Last Device	At Device	Type	Info
0.000	--	10.0.0.1	ICMP	
0.001	10.0.0.1	Router4	ICMP	
0.002	Router4	Router5	ICMP	
0.003	Router5	Router6	ICMP	
0.004	Router6	40.0.0.1	ICMP	
0.005	40.0.0.1	Router6	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, RDP, CDP, DHCP, DNS, FTP, ESP, ESP-6, FTP, H.323, HTTP, HTTPS, ICMP, ICMP-6, IPsec, ISAKMP, LACP, NTP, NETFLOW, NTP, OSPF, OSPF-6, PAgg, PAgg-6, RADIUS, RDP, RDP-6, RTR, SCOP, SFTP, SSH, SSH-6, STP, SYSLOG, TACACS, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

PDU Information at Device: Router6

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

IDLC

0	8	16	32	48	64	Bytes	
FLAG: 0x0		ADN: 0x0		CONTROL: 0x0		DATA: (VARIABLE LENGTH)	
FCS: 0x0		FCS: 0x0		FCS: 0x0		FCS: 0x0	

IP

0	4	8	16	31	Bits
ID: 0x0		DISCOP: 0x0		TL: 28	
TTL: 127		PRO: 0x1		CHKSUM	
SRC IP: 40.0.0.1		DST IP: 10.0.0.1		OPT: 0x0	
DATA (VARIABLE LENGTH)				0x0	

ICMP

0	8	16	31	Bits	
TYPE: 0x0		CODE: 0x0		CHECKSUM	
ID: 0x0		SEQ NUMBER: 27			

Time: 00:39:30.244 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Connections

Scenario 0

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

3s Progress 10.0.0.1 40.0.0.1 ICMP 0.000 N 0 (edit) (delete)

Toggle PDU List Window

Serial DCE

30°C Near record

15:16 10-08-2023

Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical (root) New Cluster Move Object Set Tiled Background Viewport

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	All Device	Type	Info
0.000		10.0.0.1	Router4	ICMP	
0.001		10.0.0.1	Router4	ICMP	
0.002		Router4	Router5	ICMP	
0.003		Router5	Router6	ICMP	
0.004		Router6	40.0.0.1	ICMP	
0.005		40.0.0.1	Router6	ICMP	
0.006		Router6	Router5	ICMP	

Reset Simulation Constant Delay Captured to = 0.006 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

AQ Filter: ARP, BGP, CDP, DHCP, DHCPv6, DNS, FTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, IS-IS, LACP, NTP, NETCONF, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SMT, SNMP, SSH, STP, STPv6, Telnet, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:39:30.245 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	10.0.0.1	40.0.0.1	ICMP		0.000	N	0	(edit)	(delete)

Toggle PDU List Window

30°C Near record

PDU Information at Device: Router5

OSI Model Inbound PDU Details Outbound PDU Details

PDU Formats

Header: 0 8 16 32 32+ 48+ 64+ 80+ 96+ 112+ 128+ 144+ 160+ 176+ 192+ 208+ 224+ 240+ 256+ 272+ 288+ 304+ 320+ 336+ 352+ 368+ 384+ 400+ 416+ 432+ 448+ 464+ 480+ 496+ 512+ 528+ 544+ 560+ 576+ 592+ 608+ 624+ 640+ 656+ 672+ 688+ 704+ 720+ 736+ 752+ 768+ 784+ 800+ 816+ 832+ 848+ 864+ 880+ 896+ 912+ 928+ 944+ 960+ 976+ 992+ 1008+ 1024+ 1040+ 1056+ 1072+ 1088+ 1104+ 1120+ 1136+ 1152+ 1168+ 1184+ 1200+ 1216+ 1232+ 1248+ 1264+ 1280+ 1296+ 1312+ 1328+ 1344+ 1360+ 1376+ 1392+ 1408+ 1424+ 1440+ 1456+ 1472+ 1488+ 1504+ 1520+ 1536+ 1552+ 1568+ 1584+ 1600+ 1616+ 1632+ 1648+ 1664+ 1680+ 1696+ 1712+ 1728+ 1744+ 1760+ 1776+ 1792+ 1808+ 1824+ 1840+ 1856+ 1872+ 1888+ 1904+ 1920+ 1936+ 1952+ 1968+ 1984+ 2000+ 2016+ 2032+ 2048+ 2064+ 2080+ 2096+ 2112+ 2128+ 2144+ 2160+ 2176+ 2192+ 2208+ 2224+ 2240+ 2256+ 2272+ 2288+ 2304+ 2320+ 2336+ 2352+ 2368+ 2384+ 2400+ 2416+ 2432+ 2448+ 2464+ 2480+ 2496+ 2512+ 2528+ 2544+ 2560+ 2576+ 2592+ 2608+ 2624+ 2640+ 2656+ 2672+ 2688+ 2704+ 2720+ 2736+ 2752+ 2768+ 2784+ 2800+ 2816+ 2832+ 2848+ 2864+ 2880+ 2896+ 2912+ 2928+ 2944+ 2960+ 2976+ 2992+ 3008+ 3024+ 3040+ 3056+ 3072+ 3088+ 3104+ 3120+ 3136+ 3152+ 3168+ 3184+ 3200+ 3216+ 3232+ 3248+ 3264+ 3280+ 3296+ 3312+ 3328+ 3344+ 3360+ 3376+ 3392+ 3408+ 3424+ 3440+ 3456+ 3472+ 3488+ 3504+ 3520+ 3536+ 3552+ 3568+ 3584+ 3600+ 3616+ 3632+ 3648+ 3664+ 3680+ 3696+ 3712+ 3728+ 3744+ 3760+ 3776+ 3792+ 3808+ 3824+ 3840+ 3856+ 3872+ 3888+ 3904+ 3920+ 3936+ 3952+ 3968+ 3984+ 4000+ 4016+ 4032+ 4048+ 4064+ 4080+ 4096+ 4112+ 4128+ 4144+ 4160+ 4176+ 4192+ 4208+ 4224+ 4240+ 4256+ 4272+ 4288+ 4304+ 4320+ 4336+ 4352+ 4368+ 4384+ 4400+ 4416+ 4432+ 4448+ 4464+ 4480+ 4496+ 4512+ 4528+ 4544+ 4560+ 4576+ 4592+ 4608+ 4624+ 4640+ 4656+ 4672+ 4688+ 4704+ 4720+ 4736+ 4752+ 4768+ 4784+ 4800+ 4816+ 4832+ 4848+ 4864+ 4880+ 4896+ 4912+ 4928+ 4944+ 4960+ 4976+ 4992+ 5008+ 5024+ 5040+ 5056+ 5072+ 5088+ 5104+ 5120+ 5136+ 5152+ 5168+ 5184+ 5200+ 5216+ 5232+ 5248+ 5264+ 5280+ 5296+ 5312+ 5328+ 5344+ 5360+ 5376+ 5392+ 5408+ 5424+ 5440+ 5456+ 5472+ 5488+ 5504+ 5520+ 5536+ 5552+ 5568+ 5584+ 5600+ 5616+ 5632+ 5648+ 5664+ 5680+ 5696+ 5712+ 5728+ 5744+ 5760+ 5776+ 5792+ 5808+ 5824+ 5840+ 5856+ 5872+ 5888+ 5904+ 5920+ 5936+ 5952+ 5968+ 5984+ 6000+ 6016+ 6032+ 6048+ 6064+ 6080+ 6096+ 6112+ 6128+ 6144+ 6160+ 6176+ 6192+ 6208+ 6224+ 6240+ 6256+ 6272+ 6288+ 6304+ 6320+ 6336+ 6352+ 6368+ 6384+ 6400+ 6416+ 6432+ 6448+ 6464+ 6480+ 6496+ 6512+ 6528+ 6544+ 6560+ 6576+ 6592+ 6608+ 6624+ 6640+ 6656+ 6672+ 6688+ 6704+ 6720+ 6736+ 6752+ 6768+ 6784+ 6800+ 6816+ 6832+ 6848+ 6864+ 6880+ 6896+ 6912+ 6928+ 6944+ 6960+ 6976+ 6992+ 7008+ 7024+ 7040+ 7056+ 7072+ 7088+ 7104+ 7120+ 7136+ 7152+ 7168+ 7184+ 7200+ 7216+ 7232+ 7248+ 7264+ 7280+ 7296+ 7312+ 7328+ 7344+ 7360+ 7376+ 7392+ 7408+ 7424+ 7440+ 7456+ 7472+ 7488+ 7504+ 7520+ 7536+ 7552+ 7568+ 7584+ 7600+ 7616+ 7632+ 7648+ 7664+ 7680+ 7696+ 7712+ 7728+ 7744+ 7760+ 7776+ 7792+ 7808+ 7824+ 7840+ 7856+ 7872+ 7888+ 7904+ 7920+ 7936+ 7952+ 7968+ 7984+ 8000+ 8016+ 8032+ 8048+ 8064+ 8080+ 8096+ 8112+ 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15248+ 15264+ 15280+ 15296+ 15312+ 15328+ 15344+ 15360+ 15376+ 15392+ 15408+ 15424+ 15440+ 15456+ 15472+ 15488+ 15504+ 15520+ 15536+ 15552+ 15568+ 15584+ 15600+ 15616+ 15632+ 15648+ 15664+ 15680+ 15696+ 15712+ 15728+ 15744+ 15760+ 15776+ 15792+ 15808+ 15824+ 15840+ 15856+ 15872+ 15888+ 15904+ 15920+ 15936+ 15952+ 15968+ 15984+ 16000+ 16016+ 16032+ 16048+ 16064+ 16080+ 16096+ 16112+ 16128+ 16144+ 16160+ 16176+ 16192+ 16208+ 16224+ 16240+ 16256+ 16272+ 16288+ 16304+ 16320+ 16336+ 16352+ 16368+ 16384+ 16400+ 16416+ 16432+ 16448+ 16464+ 16480+ 16496+ 16512+ 16528+ 16544+ 16560+ 16576+ 16592+ 16608+ 16624+ 16640+ 16656+ 16672+ 16688+ 16704+ 16720+ 16736+ 16752+ 16768+ 16784+ 16800+ 16816+ 16832+ 16848+ 16864+ 16880+ 16896+ 16912+ 16928+ 16944+ 16960+ 16976+ 16992+ 17008+ 17024+ 17040+ 17056+ 17072+ 17088+ 17104+ 17120+ 17136+ 17152+ 17168+ 17184+ 17200+ 17216+ 17232+ 17248+ 17264+ 17280+ 17296+ 17312+ 17328+ 17344+ 17360+ 17376+ 17392+ 17408+ 17424+ 17440+ 17456+ 17472+ 17488+ 17504+ 17520+ 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22112+ 22128+ 22144+ 22160+ 22176+ 22192+ 22208+ 22224+ 22240+ 22256+ 22272+ 22288+ 22304+ 22320+ 22336+ 22352+ 22368+ 22384+ 22400+ 22416+ 22432+ 22448+ 22464+ 22480+ 22496+ 22512+ 22528+ 22544+ 22560+ 22576+ 22592+ 22608+ 22624+ 22640+ 22656+ 22672+ 22688+ 22704+ 22720+ 22736+ 22752+ 22768+ 22784+ 22800+ 22816+ 22832+ 22848+ 22864+ 22880+ 22896+ 22912+ 22928+ 22944+ 22960+ 22976+ 22992+ 23008+ 23024+ 23040+ 23056+ 23072+ 23088+ 23104+ 23120+ 23136+ 23152+ 23168+ 23184+ 23200+ 23216+ 23232+ 23248+ 23264+ 23280+ 23296+ 23312+ 23328+ 23344+ 23360+ 23376+ 23392+ 23408+ 23424+ 23440+ 23456+ 23472+ 23488+ 23504+ 23520+ 23536+ 23552+ 23568+ 23584+ 23600+ 23616+ 23632+ 23648+ 23664+ 23680+ 23696+ 23712+ 23728+ 23744+ 23760+ 23776+ 23792+ 23808+ 23824+ 23840+ 23856+ 23872+ 23888+ 23904+ 23920+ 23936+ 23952+ 23968+ 23984+ 24000+ 24016+ 24032+ 24048+ 24064+ 24080+ 24096+ 24112+ 24128+ 24144+ 24160+ 24176+ 24192+ 24208+ 24224+ 24240+ 24256+ 24272+ 24288+ 24304+ 24320+ 24336+ 24352+ 24368+ 24384+ 24400+ 24416+ 24432+ 24448+ 24464+ 24480+ 24496+ 24512+ 24528+ 24544+ 24560+ 24576+ 24592+ 24608+ 24624+ 24640+ 24656+ 24672+ 24688+ 24704+ 24720+ 24736+ 24752+ 24768+ 24784+ 24800+ 24816+ 24832+ 24848+ 24864+ 24880+ 24896+ 24912+ 24928+ 24944+ 24960+ 24976+ 24992+ 25008+ 25024+ 25040+ 25056+ 25072+ 25088+ 25104+ 25120+ 25136+ 25152+ 25168+ 25184+ 25200+ 25216+ 25232+ 25248+ 25264+ 25280+ 25296+ 25312+ 25328+ 25344+ 25360+ 25376+ 25392+ 25408+ 25424+ 25440+ 25456+ 25472+ 25488+ 25504+ 25520+ 25536+ 25552+ 25568+ 25584+ 25600+ 25616+ 25632+ 25648+ 25664+ 25680+ 25696+ 25712+ 25728+ 25744+ 25760+ 25776+ 25792+ 25808+ 25824+ 25840+ 25856+ 25872+ 25888+ 25904+ 25920+ 25936+ 25952+ 25968+ 25984+ 26000+ 26016+ 26032+ 26048+ 26064+ 26080+ 26096+ 26112+ 26128+ 26144+ 26160+ 26176+ 26192+ 26208+ 26224+ 26240+ 26256+ 26272+ 26288+ 26304+ 26320+ 26336+ 26352+ 26368+ 26384+ 26400+ 26416+ 26432+ 26448+ 26464+ 26480+ 26496+ 26512+ 26528+ 26544+ 26560+ 26576+ 26592+ 26608+ 26624+ 26640+ 26656+ 26672+ 26688+ 26704+ 26720+ 26736+ 26752+ 26768+ 26784+ 26800+ 26816+ 26832+ 26848+ 26864+ 26880+ 26896+ 26912+ 26928+ 26944+ 26960+ 26976+ 26992+ 27008+ 27024+ 27040+ 27056+ 27072+ 27088+ 27104+ 27120+ 27136+ 27152+ 27168+ 27184+ 27200+ 27216+ 27232+ 27248+ 27264+ 27280+ 27296+ 27312+ 27328+ 27344+ 27360+ 27376+ 27392+ 27408+ 27424+ 27440+ 27456+ 27472+ 27488+ 27504+ 27520+ 27536+ 27552+ 27568+ 27584+ 27600+ 27616+ 27632+ 27648+ 27664+ 27680+ 27696+ 27

Cisco Packet Tracer Student

File Edit Options View Tools Extensions Help

Logical (Root) New Cluster Move Object Set Tiled Background Viewport

PDU Information at Device: 10.0.0.1

OSI Model Inbound PDU Details

PDU Formats

Ethernet II

PREAMBLE:		DEST MAC:		SRC MAC:	
10101011		0030.F228.4109		0060.2F7E.3A49	
TYPE:	0x800	DATA (VARIABLE LENGTH)		FCS: 0x0	

IP

TTL:		PRO:		CHKSUM:	
125		0x1		0x0	
SRC IP: 40.0.0.1		DST IP: 10.0.0.1		OPT: 0x0	
DATA (VARIABLE LENGTH)					

ICMP

TYPE:		CODE:		CHECKSUM:	
8		0		0x0	
ID: 0x0		SEQ NUMBER: 27			

Simulation Panel

Event List

Time(sec)	Last Device	At Device	Type	Info
0.000	-	10.0.0.1	ICMP	
0.001	Router4	Router5	ICMP	
0.002	Router4	Router5	ICMP	
0.003	Router5	Router6	ICMP	
0.004	Router5	Router6	ICMP	
0.005	Router5	Router6	ICMP	
0.006	Router5	Router6	ICMP	
0.007	Router5	Router6	ICMP	
0.008	Router5	Router6	ICMP	

Reset Simulation Constant Delay Captured to: 0.008 s

Play Controls Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events

AQ Filter: ARP, BGP, CDP, DHCP, DNS, DTP, EIGRP, OSPF, PTP, H.323, HSRP, IGMP, HTTP, HTTPS, ICMP, ICMPv6, IPsec, IS-IS, LACP, NTP, NETFLOW, NTP, OSPF, OSPFv6, PAgg, POP3, RADIUS, RDP, RDPing, RTP, SCCP, SFTP, SSH, SIP, STP, STPv6, Telnet, TFTP, VNC, VTY

Edit Filters Show All/None

Time: 00:39:30.247 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

Connections

Serial DCE

30°C Near record

Scenario 0 New Delete Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	10.0.0.1	40.0.0.1	ICMP		0.000	N	0	(edit)	(delete)

Simulation

1517 18-08-2023