



Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical

192.168.1.2 PC1 Fa0 PC2 Fa0 Switch0 Fa01 Fa02

192.168.1.3 PC1 Fa0 Switch0 Fa02 Fa01

192.168.1.4 PC2 Fa0 Switch0 Fa02 Fa01

PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.2
Pinging 192.168.1.2 with 32 bytes of data:
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 4ms, Average = 2ms
C:\>
```

AI Device Type

AI Device	Type
PC1	STP
PC0	STP
PC2	STP
Switch1	STP
Laptop0	STP
Switch0	STP
PC1	STP
PC0	STP
PC2	STP
Switch1	STP
Laptop0	STP
Switch0	STP
PC1	STP
PC0	STP
PC2	STP
Switch1	STP
Laptop0	STP
Switch0	STP
PC1	STP
PC0	STP
PC2	STP
Switch1	STP
Laptop0	STP
Switch0	STP

Captured to: 13.017 s

ACL, Fiber, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, iST, iST TCP, LACP, LLDP, MRP, NetFlow, NTP, OSPF, OSPFv6, RADIUS, RIPv2, RIPv3, RIPv6, RSTP, RSTPv6, SFTP, SSH, STP, Syslog, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Fibers Show Address

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Logical Physical

192.168.1.2 PC1 Fa0 PC2 Fa0 Switch0 Fa01 Fa02

192.168.1.3 PC1 Fa0 Switch0 Fa02 Fa01

192.168.1.4 PC2 Fa0 Switch0 Fa02 Fa01

192.168.1.7 Laptop0

Simulation Panel

Event List

Time(sec)	Last Device	AI Device	Type
0:00:00	Switch0	PC1	STP
0:00:00	Switch0	PC0	STP
0:00:00	Switch0	PC2	STP
0:00:00	Switch0	Switch1	STP
0:00:00	Switch0	Laptop0	STP
0:00:00	Switch0	PC3	STP
0:00:00	Switch0	Laptop1	STP
0:00:00	Switch0	Laptop0	KMP
0:00:00	Switch0	Laptop0	KMP
0:00:00	Switch0	Laptop0	KMP
0:00:00	Switch0	Laptop0	KMP
0:00:00	Switch0	Switch0	STP
0:00:00	Switch0	PC1	STP
0:00:00	Switch0	PC0	STP
0:00:00	Switch0	PC2	STP
0:00:00	Switch0	Switch1	STP
0:00:00	Switch0	Laptop0	STP
0:00:00	Switch0	PC3	STP
0:00:00	Switch0	Laptop1	STP
0:00:00	Switch0	Laptop0	STP
0:00:00	Switch0	PC2	STP

Constant Delay Capturing...

Visible Events

ACL, Fiber, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ISAKMP, iST, iST TCP, LACP, LLDP, MRP, NetFlow, NTP, OSPF, OSPFv6, RADIUS, RIPv2, RIPv3, RIPv6, RSTP, RSTPv6, SFTP, SSH, STP, Syslog, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Fibers Show Address

Event List Realtime Simulation

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Logical Physical 1:10 y 24

192.168.1.2 PC1
192.168.1.3 PC2
192.168.1.4 PC3
192.168.1.7 PC4

POU Information at Device: PC0

OSI Model Inbound PDU Details

AI Device: PC0
Source: PC0
Destination: Broadcast

In Layers
Layer7
Layer6
Layer5
Layer4
Layer3
Layer2: Ethernet II Header
0050.7056.839A >> 0050.F50B.604B ARP
Packet Src IP: 192.168.1.7, Dest. IP: 192.168.1.2
Layer1: Port FastEthernet0

1. FastEthernet0 receives the frame.

Challenge file

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	AI Device	Type
X	21.017	Switch1	Laptop0	STP
	21.017	Switch1	Laptop1	STP
	22.488	--	PC0	DTP
	22.488	--	PC0	KCMP
	22.488	--	PC0	ARP
	22.488	Switch1	Switch0	DTP
	22.488	PC0	Switch0	ARP
	22.488	Switch0	Switch1	DTP
	22.488	Switch0	PC2	ARP
	22.488	Switch0	PC1	ARP
	22.488	Switch0	Switch1	DTP
	22.488	Switch0	Switch1	ARP
	22.488	Switch1	Laptop0	ARP
	22.488	Switch1	Laptop1	ARP
	22.488	Switch1	PC3	ARP
	22.488	Switch1	Switch0	ARP
	22.488	Switch1	PC0	ARP
	22.488	PC0	PC0	KCMP
	22.488	PC0	Switch0	KCMP
	22.488	Switch0	Switch1	KCMP

Simulation

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Logical Physical 1:25 y 24

192.168.1.2 PC1
192.168.1.3 PC2
192.168.1.4 PC3
192.168.1.7 PC4

PC0

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Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Reply from 192.168.1.2: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms
C:\>ping 192.168.1.7
Pinging 192.168.1.7 with 32 bytes of data:
Reply from 192.168.1.7: bytes=32 time=1ms TTL=128
Reply from 192.168.1.7: bytes=32 time=1ms TTL=128
Reply from 192.168.1.7: bytes=32 time=1ms TTL=128
Reply from 192.168.1.7: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.1.7:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms
C:\>
```

Simulation