

Physical Config Desktop Programming Attributes

## Command Prompt

X

```
ipconfig

FastEthernet0 Connection:(default port)

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address.....: FE80::203:E4FF:FE79:2AE1
    IPv6 Address.....: ::
    IPv4 Address.....: 192.168.100.100
    Subnet Mask.....: 255.255.255.0
    Default Gateway.....: ::
                        192.168.100.1

Bluetooth Connection:

    Connection-specific DNS Suffix...:
    Link-local IPv6 Address.....: ::
    IPv6 Address.....: ::
    IPv4 Address.....: 0.0.0.0
    Subnet Mask.....: 0.0.0.0
    Default Gateway.....: ::
                        0.0.0.0

C:\> ping 192.168.100.103

Pinging 192.168.100.103 with 32 bytes of data:

Reply from 192.168.100.103: bytes=32 time<1ms TTL=128
Reply from 192.168.100.103: bytes=32 time<1ms TTL=128
Reply from 192.168.100.103: bytes=32 time<1ms TTL=128
Reply from 192.168.100.103: bytes=32 time=7ms TTL=128

Ping statistics for 192.168.100.103:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 7ms, Average = 1ms

C:\>|
```

## Command Prompt

```
ipconfig
```

```
FastEthernet0 Connection:(default port)
```

```
Connection-specific DNS Suffix...:
Link-local IPv6 Address.....: FE80::203:E4FF:FE79:2AE1
IPv6 Address.....: ::
IPv4 Address.....: 192.168.100.100
Subnet Mask.....: 255.255.255.0
Default Gateway.....: ::
                        192.168.100.1
```

```
Bluetooth Connection:
```

```
Connection-specific DNS Suffix...:
Link-local IPv6 Address.....: ::
IPv6 Address.....: ::
IPv4 Address.....: 0.0.0.0
Subnet Mask.....: 0.0.0.0
Default Gateway.....: ::
                        0.0.0.0
```

```
C:\>ping 192.168.200.100
```

```
Pinging 192.168.200.100 with 32 bytes of data:
```

```
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127
Reply from 192.168.200.100: bytes=32 time<1ms TTL=127
```

```
Ping statistics for 192.168.200.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\>|
```

PDU Information at Device: Laptop0

OSI Model   Outbound PDU Details

PDU Formats

EthernetII

0 4 8 Bytes

PREAMBLE: 101010...10

SF D

DEST ADDR:0001.9673.7D01

SRC ADDR:0003.E479.2AE1

TYPE:0x0800

DATA (VARIABLE LENGTH)

FCS:0x00000000

IP

0 4 8 16 20 24 Bits

VER:4 IHL:5 DSCP:0x00 TL:28

ID:0x0019 FLAGS:0x0 FRAG OFFSET:0x000

TTL:255 PRO:0x01 CHKSUM

SRC IP:192.168.100.100

DST IP:192.168.200.100

DATA (VARIABLE LENGTH)

ICMP

0 8 16 Bits

TYPE:0x08 CODE:0x00 CHECKSUM

ID:0x000b SEQ NUMBER:25

Variable Size PDU

0 8 16 Bytes

DATA (VARIABLE LENGTH)

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2

Reset Simulation ☒ Constant Delay

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLOW, NTP, O, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB,

Edit Filters

PDU Information at Device: Switch0

OSI Model   Inbound PDU Details   Outbound PDU Details

PDU Formats

EthernetII

0 4 8 Bytes

PREAMBLE: 101010...10

SF D

DEST ADDR:0001.9673.7D01

SRC ADDR:0003.E479.2AE1

TYPE:0x0800

DATA (VARIABLE LENGTH)

FCS:0x00000000

IP

0 4 8 16 20 24 Bits

VER:4 IHL:5 DSCP:0x00 TL:28

ID:0x0019 FLAGS:0x0 FRAG OFFSET:0x000

TTL:255 PRO:0x01 CHKSUM

SRC IP:192.168.100.100

DST IP:192.168.200.100

DATA (VARIABLE LENGTH)

ICMP

0 8 16 Bits

TYPE:0x08 CODE:0x00 CHECKSUM

ID:0x000b SEQ NUMBER:25

Variable Size PDU

0 8 16 Bytes

DATA (VARIABLE LENGTH)

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2

Reset Simulation ☒ Constant Delay

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLOW, NTP, O, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB,

Edit Filters

PDU Information at Device: Router0

OSI Model   Inbound PDU Details   Outbound PDU Details

PDU Formats

EthernetII

0 4 8 Bytes

PREAMBLE: 101010..10   SF   D   DEST ADDR:0001.9673.7D01

SRC ADDR:0003.E479.2AE1   TYPE:0x08 00   DATA (VARIABLE LENGTH)   FCS:0x00000000

IP

0 4 8 16 20 24 Bits

VER:4   IHL:5   DSCP:0x00   TL:28

ID:0x0019   FLAGS:0x0   FRAG OFFSET:0x000

TTL:255   PRO:0x01   CHKSUM

SRC IP:192.168.100.100

DST IP:192.168.200.100

DATA (VARIABLE LENGTH)

ICMP

0 8 16 Bits

TYPE:0x08   CODE:0x00   CHECKSUM

ID:0x000b   SEQ NUMBER:25

Variable Size PDU

0 8 16 Bytes

DATA (VARIABLE LENGTH)

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2

Reset Simulation   ☒ Constant Delay

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLC, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet,

Edit Filters

PDU Information at Device: Switch1

OSI Model   Inbound PDU Details   Outbound PDU Details

PDU Formats

EthernetII

0 4 8 Bytes

PREAMBLE: 101010..10   S   F   DEST ADDR:00E0.A31B.1474

SRC ADDR:0001.9673.7D02   TYPE:0x08 00   DATA (VARIABLE LENGTH)   FCS:0x00000000

IP

0 4 8 16 20 24 Bits

VER:4   IHL:5   DSCP:0x00   TL:28

ID:0x0019   FLAGS:0x0   FRAG OFFSET:0x000

TTL:254   PRO:0x01   CHKSUM

SRC IP:192.168.100.100

DST IP:192.168.200.100

DATA (VARIABLE LENGTH)

ICMP

0 8 16 Bits

TYPE:0x08   CODE:0x00   CHECKSUM

ID:0x000b   SEQ NUMBER:25

Variable Size PDU

0 8 16 Bytes

DATA (VARIABLE LENGTH)

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2

Reset Simulation   ☒ Constant Delay

Play Controls

Event List Filters - Visible Events

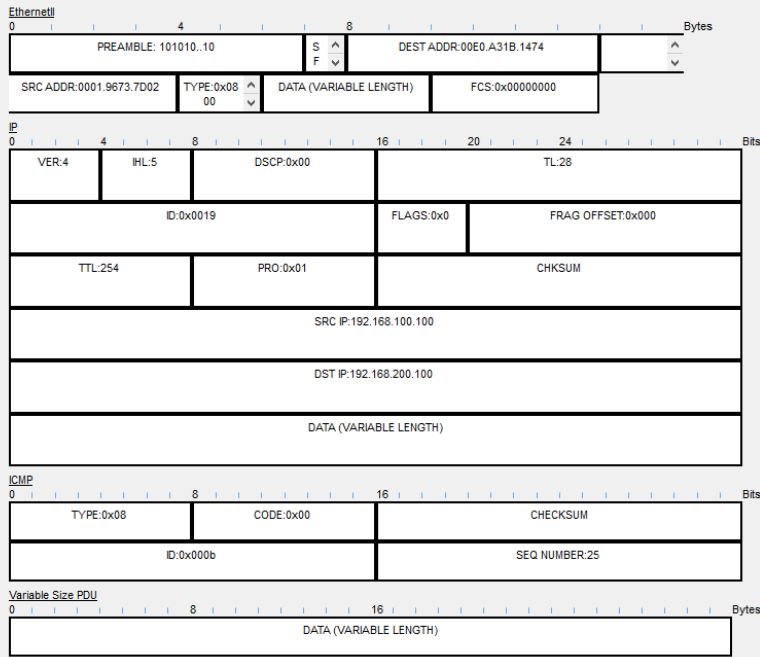
ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, D, ICMPv6, IPsec, ISAKMP, IoT, IoT TCP, LACP, LLDP, NDP, NETFLOW, NTP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, US

Edit Filters

# PDU Information at Device: Laptop2

OSI Model Inbound PDU Details Outbound PDU Details

## PDU Formats



## Simulation Panel

### Event List

Vis.	Time(sec)	Last Device	At Device
	0.000	--	Laptop0
	0.001	Laptop0	Switch0
	0.002	Switch0	Router0
	0.003	Router0	Switch1
	0.004	Switch1	Laptop2

Reset Simulation

☒ Constant Delay

Play Controls



### Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCR, LACP, LLDP, NDP, NETFLOW, NTP, OS, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, \

Edit Filters