



NOMBRE DE LA MATERIA
Fundamento de redes

NOMBRE DEL DOCENTE
Rafael Preciado Gutiérrez

NOMBRE DEL TRABAJO
PK4 Resuelto

NOMBRE DEL ALUMNO
Alejandro Guevara de Luna

UNIDAD
2

FECHA Y LUGAR
1 de noviembre del 2022





Instituto Tecnológico de Pabellón de Arteaga

Simulation Panel

Event List

Vis.	Time(sec)	Last Device
------	-----------	-------------

Reset Simulation

☒ Constant Delay

Captured to:
(no captures)

Play Controls

Event List Filters - Visible Events

ICMP

Edit Filters

Show All/None

Event List

Realtime

Simulation





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Cisco Packet Tracer

IPv4

IPv6

Misc

☐ ARP

☐ BGP

☐ DHCP

☐ DNS

☐ EIGRP

☐ HSRP

☒ ICMP

☐ OSPF

☐ RIP

Edit ACL Filters





PDU Information at Device: Router

OSI Model | Inbound PDU Details | Outbound PDU Details

At Device: Router
Source: Pod PC
Destination: 192.168.254.254

In Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 172.16.1.1,
Dest. IP: 192.168.254.254 ICMP Message
Type: 8
Layer 2: Ethernet II Header
0002.4A87.0D92 >> 0060.7022.D801
Layer 1: Port FastEthernet0/0

Out Layers

Layer7
Layer6
Layer5
Layer4
Layer 3: IP Header Src. IP: 172.16.1.1,
Dest. IP: 192.168.254.254 ICMP Message
Type: 8
Layer 2: Ethernet II Header
0060.7022.D802 >> 00E0.8FA7.C531
Layer 1: Port(s): FastEthernet0/1

1. FastEthernet0/0 receives the frame.

Challenge Me

<< Previous Layer

Next Layer >>





PDU Information at Device: Router

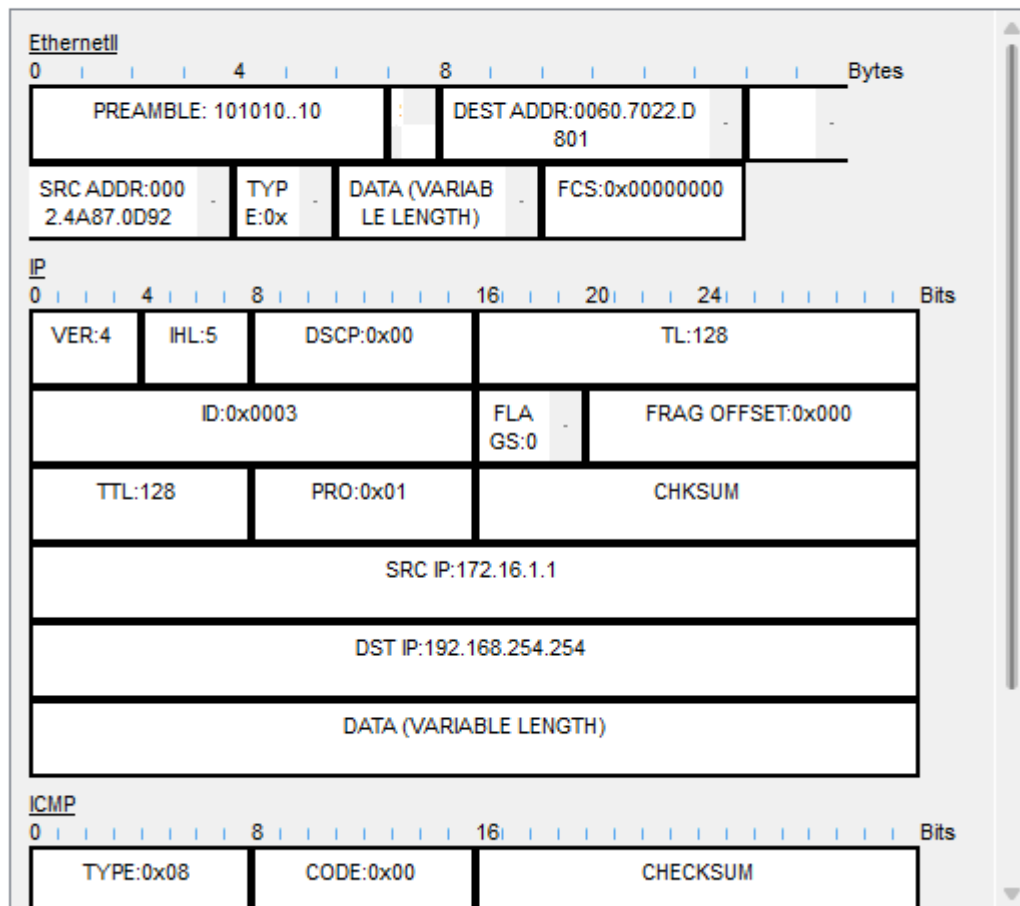


OSI Model

Inbound PDU Details

Outbound PDU Details

PDU Formats





Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	15.006	--
	15.007	Pod PC
	15.008	Router
	15.009	Eagle Server
	15.010	Router
	16.013	--
	16.014	Pod PC
	16.015	Router
	16.016	Eagle Server
	16.017	Router
	17.021	--
	17.022	Pod PC
	17.023	Router
	17.024	Eagle Server
	17.025	Router
	18.025	--
	18.026	Pod PC
	18.027	Router
	18.028	Eagle Server
	18.029	Router

Reset Simulation

☒ Constant Delay

Captured to:
17751.216 s

Play Controls

Event List Filters - Visible Events

ICMP

Edit Filters

Show All/None

Event List

Realtime

Simulation





Pod PC

Physical Config **Desktop** Programming Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping eagle-server.example.com

Pinging 192.168.254.254 with 32 bytes of data:

Reply from 192.168.254.254: bytes=32 time=4ms TTL=127
Reply from 192.168.254.254: bytes=32 time=4ms TTL=127
Reply from 192.168.254.254: bytes=32 time=4ms TTL=127
Reply from 192.168.254.254: bytes=32 time=4ms TTL=127

Ping statistics for 192.168.254.254:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 4ms, Maximum = 4ms, Average = 4ms

C:\>ping 192.168.253.1

Pinging 192.168.253.1 with 32 bytes of data:
|
```

☐ Top





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Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	--
	0.002	--
	0.003	Pod PC
	0.003	--
	0.004	Router
	1.005	--
	1.006	Pod PC
	7.010	--
	7.011	Pod PC
	7.011	--
	7.012	Router
	8.013	--
	8.014	Pod PC
	8.014	--
	8.015	Router

Reset Simulation

☒ Constant Delay

Captured to:
4666.890 s

Play Controls

Event List Filters - Visible Events

ICMP

Edit Filters

Show All/None

Event List

Realtime

Simulation

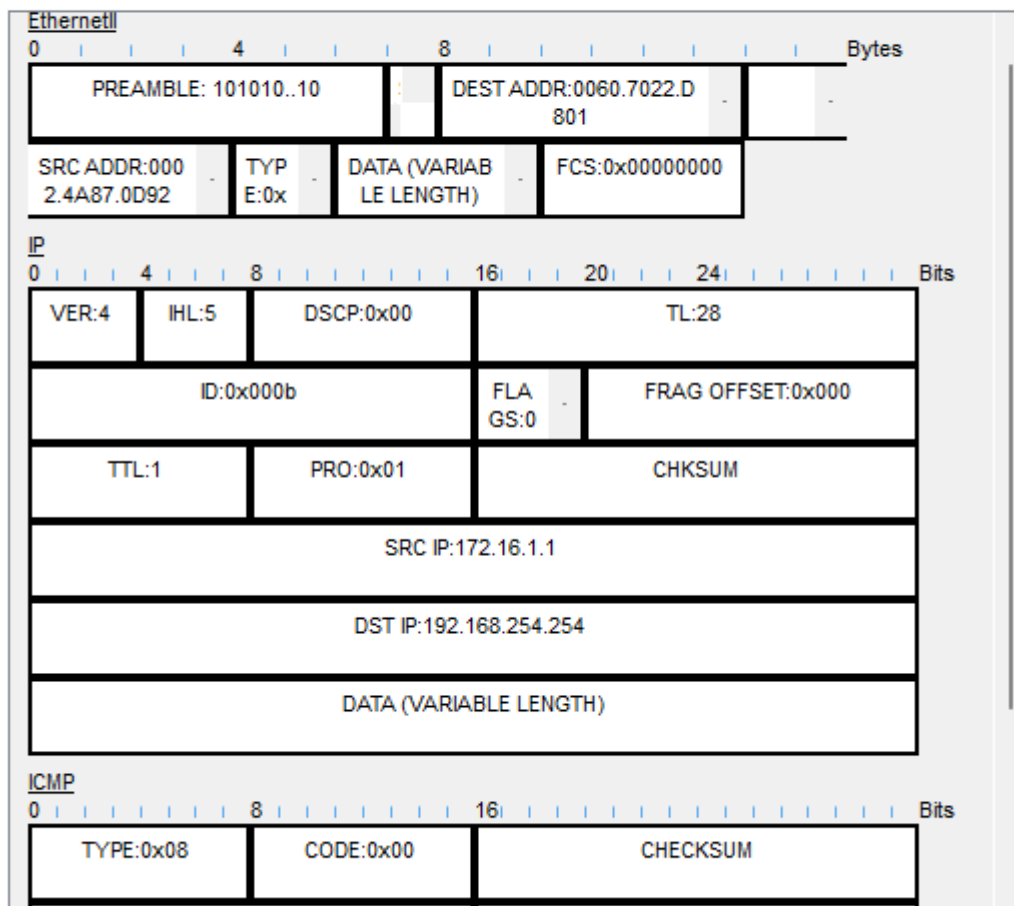




PDU Information at Device: Router

OSI Model Inbound PDU Details

PDU Formats





Simulation Panel

Event List

Vis.	Time(sec)	Last Device
	0.000	--
	0.001	Pod PC
	0.001	--
	0.002	Router
	2.000	--
	2.001	Pod PC
	2.001	--
	2.002	Router
	4.000	--
	4.001	Pod PC
	4.001	--
	4.002	Router
	6.000	--
	6.001	Pod PC
	6.001	--
	6.002	Router
	8.000	--
	8.001	Pod PC
	8.001	--
	8.002	Router
	10.000	--
	10.001	Pod PC
	10.001	--
	10.002	Router

Reset Simulation ☒ Constant Delay Captured to: 56.002 s

Play Controls

Event List Filters - Visible Events
ICMP

Edit Filters Show All/None

Event List Realtime Simulation



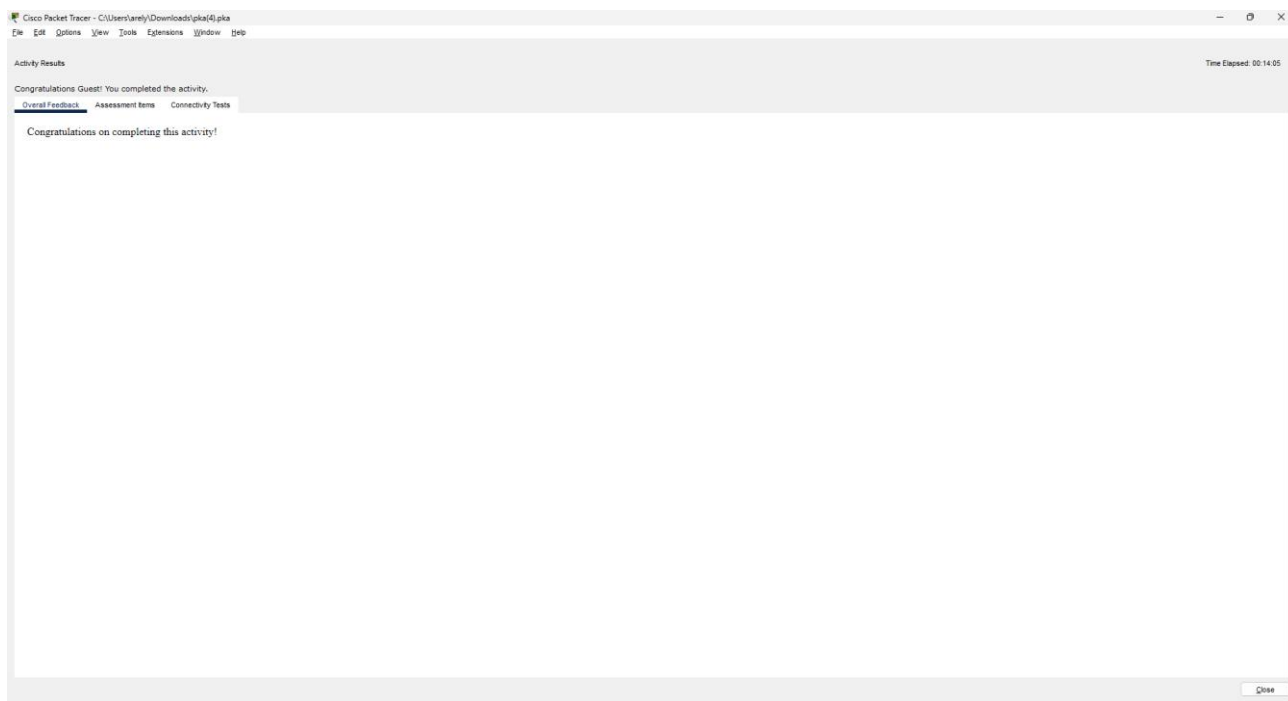


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2022 Flores
Año de
Magón
PRECURSOR DE LA REVOLUCIÓN MEXICANA