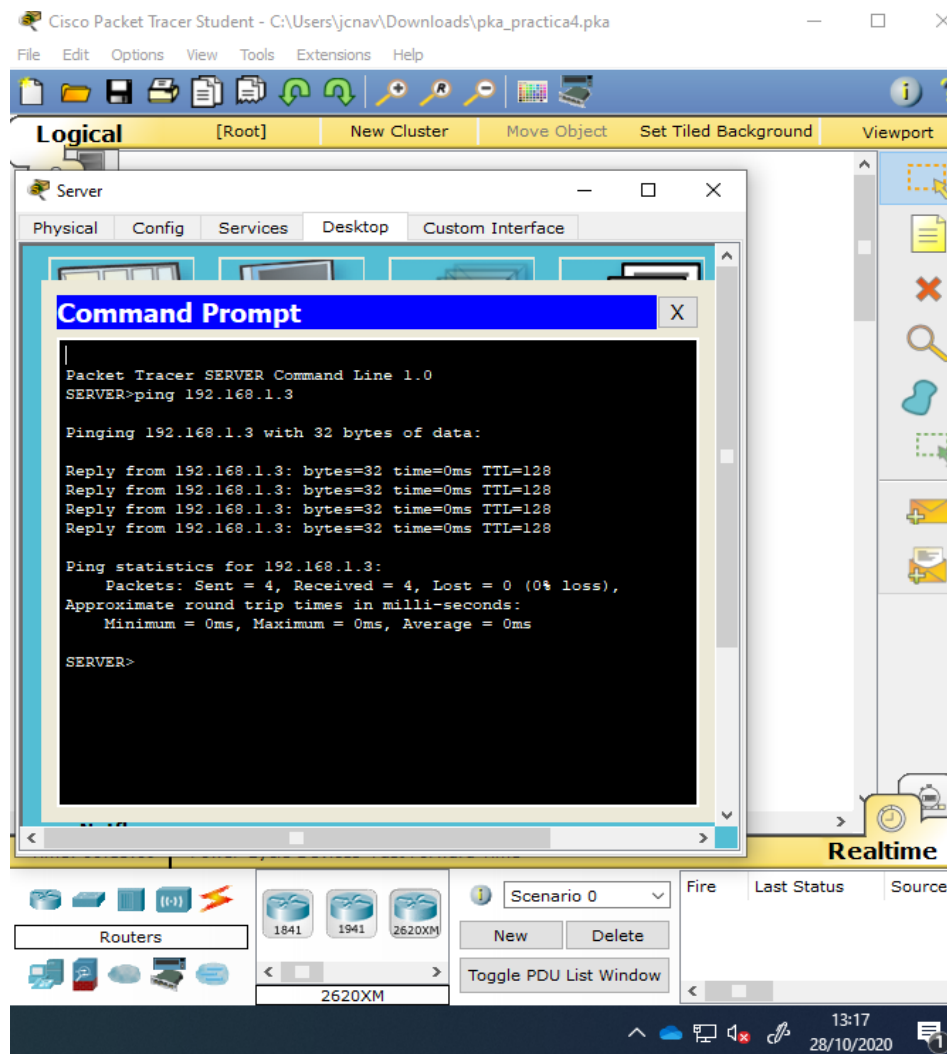


Uso de Packet Tracer para ver las unidades de datos del protocolo

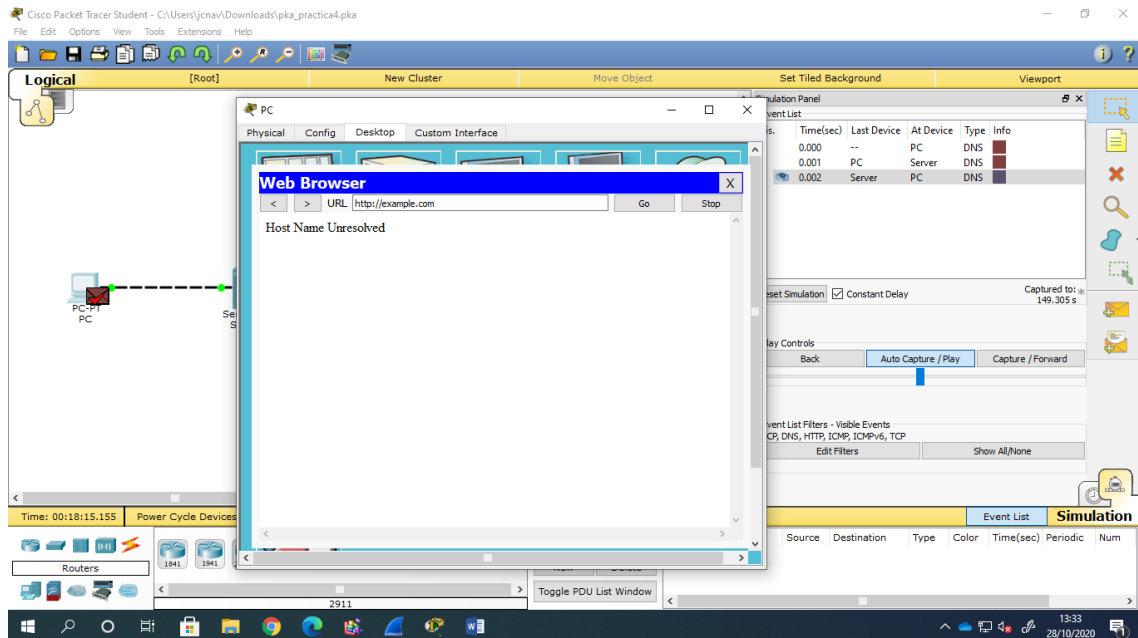
Actividad 1:

Buscamos la IP del servidor para poder hacer ping y comprobar la conexión.



Actividad 2:

Ponemos pka en modo simulación, en el ordenador nos metemos en el navegador y buscamos example.com.



Observamos la lista de eventos y examinamos la información de PDU

Cisco Packet Tracer Student - C:\Users\jcnv\Downloads\pka_practica4.pka

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	At Device	Type	Info
0.000	--	PC		DNS	
0.000	--	PC		TCP	
0.000	--	PC		TCP	
0.000	--	PC		TCP	
0.000	--	PC		TCP	
0.000	--	PC		TCP	
0.000	--	PC		TCP	
0.000	--	PC		TCP	
0.000	--	PC		TCP	

Reset Simulation ☒ Constant Delay Captured to: 0.007 s

Play Controls: Back Auto Capture / Play Capture / Forward

Event List Filters - Visible Events: DHCP, DNS, HTTP, TCP

Edit Filters Show All/None

Time: 00:15:16.799 Power Cycle Devices PLAY CONTROLS: Back Auto Capture / Play Capture / Forward

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

New Delete Toggle PDU List Window

Cisco Packet Tracer Student - C:\Users\jcnv\Downloads\pka_practica4.pka

File Edit Options View Tools Extensions Help

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

PDU Information at Device: PC

OSI Model Inbound PDU Details

PDU Format

Ethernet II

0	4	8	14	19	Bytes
PREAMBLE: 101010...1011		DEST MAC: 0002.4A87.0D92		SRC MAC: 00E0.8FA7.C531	
TYPE: 0x800		DATA (VARIABLE LENGTH)		FCS: 0x0	

IP

0	4	8	16	19	31	Bits
ID: 0x3c		DSCP: 0x0		TTL: 55		
TTL: 128		PRO: 0x11		CHKSUM: 0x0		
SRC IP: 192.168.1.2				DST IP: 192.168.1.3		
OPT: 0x0				0x0		
DATA (VARIABLE LENGTH)						

UDP

0	16	31	Bits
SRC PORT: 53		DEST PORT: 1033	
LENGTH: 0x23		CHECKSUM: 0x0	

Simulation Panel

Event List

Time(sec)	Last Device	At Device	Type	Info
0.000	--	PC		DNS
0.001	PC	Server		DNS
0.002	Server	PC		DNS

Simulation ☒ Constant Delay Capturing...

Auto Capture / Play Capture / Forward

Event List Filters - Visible Events: HTTP, ICMP, ICMPv6, TCP

Edit Filters Show All/None

Time: 00:49:43.936 Power Cycle Devices PLAY CONTROLS: Back

Router-PT-Empty Toggle PDU List Window