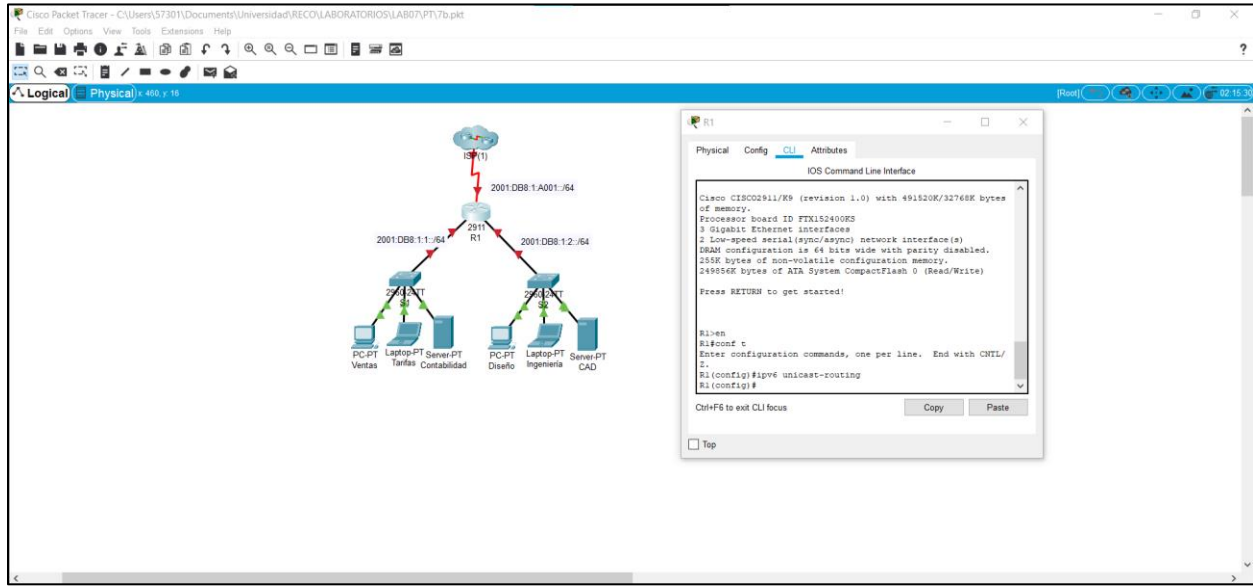


LABORATORIO NO. 7B

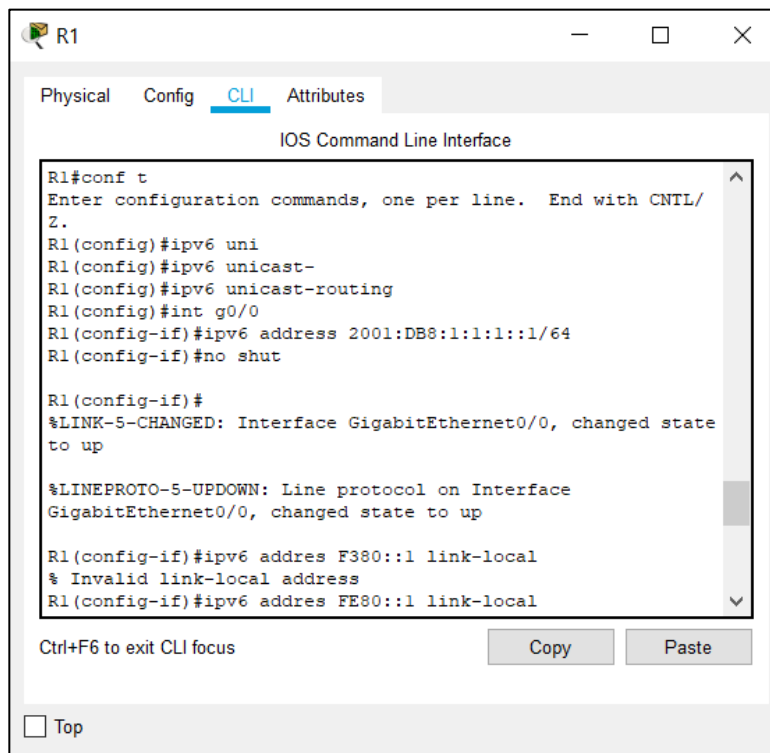
CAPA DE RED, TRANSPORTE Y PLATAFORMA BASE.

1. IMPLEMENTACIÓN DE IPV6

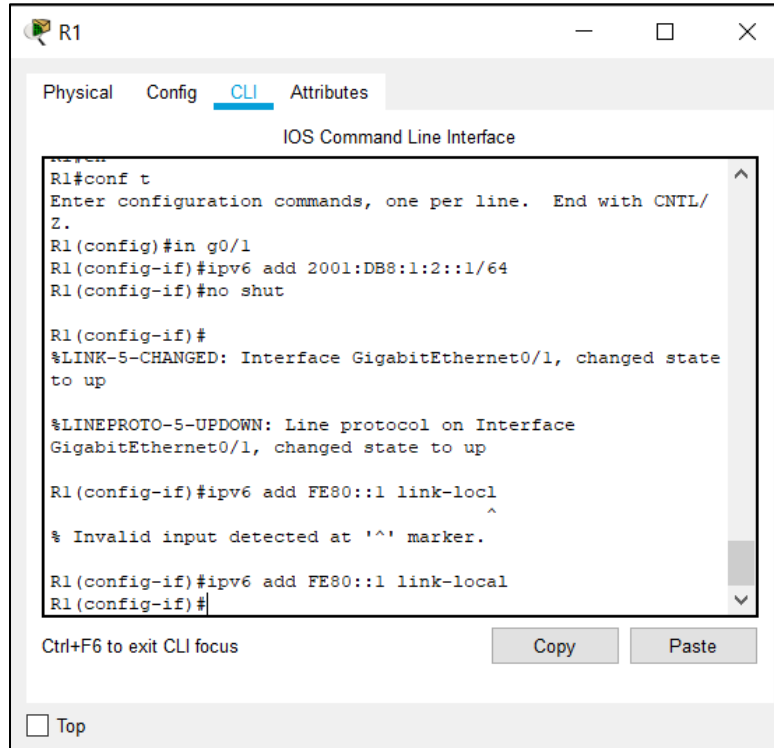
- Configurar el direccionamiento IPv6 en el router.



Habilitar el router para reenviar paquetes IPV6



Configurar el direccionamiento IPv6 en GigabitEthernet0/0



The screenshot shows the R1 CLI interface with the 'CLI' tab selected. The command history shows the configuration of GigabitEthernet0/1 with IPv6 address 2001:DB8:1:2::1/64 and the link being brought up. The current prompt is R1(config-if)#.

```
R1>en
R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#in g0/1
R1(config-if)#ipv6 add 2001:DB8:1:2::1/64
R1(config-if)#no shut

R1(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

R1(config-if)#ipv6 add FE80::1 link-local
^
% Invalid input detected at '^' marker.

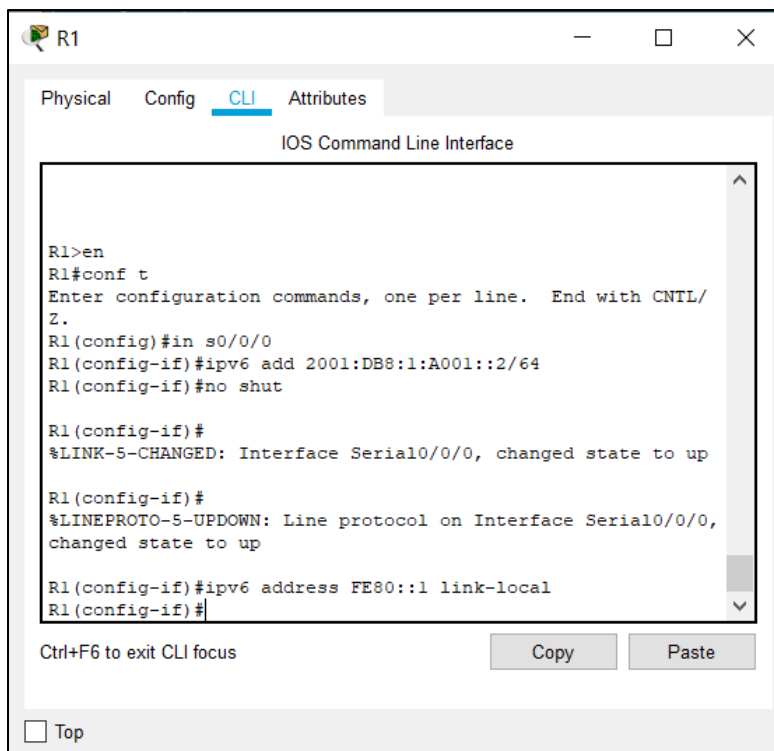
R1(config-if)#ipv6 add FE80::1 link-local
R1(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

Configurar el direccionamiento IPv6 en GigabitEthernet0/1



The screenshot shows the R1 CLI interface with the 'CLI' tab selected. The command history shows the configuration of Serial0/0/0 with IPv6 address 2001:DB8:1:A001::2/64 and the link being brought up. The current prompt is R1(config-if)#.

```
R1>en
R1#conf t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#in s0/0/0
R1(config-if)#ipv6 add 2001:DB8:1:A001::2/64
R1(config-if)#no shut

R1(config-if)#
%LINK-5-CHANGED: Interface Serial0/0/0, changed state to up

R1(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial0/0/0, changed state to up

R1(config-if)#ipv6 address FE80::1 link-local
R1(config-if)#
```

Ctrl+F6 to exit CLI focus

Copy Paste

☐ Top

Configurar el direccionamiento IPv6 en Serial0/0/0

- Configurar el direccionamiento IPv6 en los servidores

Contabilidad

Physical Config Services **Desktop** Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address 2001:DB8:1:1::4 / 64

Link Local Address FE80::202:17FF:FE23:BC49

Default Gateway FE80::1

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

☐ Top

CAD

Physical Config Services **Desktop** Programming Attributes

IP Configuration X

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address 2001:DB8:1:2::4 / 64

Link Local Address FE80::201:96FF:FE40:243A

Default Gateway FE80::1

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

☐ Top

- Configurar el direccionamiento IPv6 en los clientes.

The screenshot shows the 'Facturación' configuration window with the 'Desktop' tab selected. The 'IP Configuration' section is expanded, showing settings for the 'FastEthernet0' interface. The 'Static' radio button is selected for both IPv4 and IPv6 configurations. The IPv6 Address is set to '2001:DB8:1:1::3' with a prefix length of '64'. The Link Local Address is empty. The Default Gateway is set to 'FE80::1'. The DNS Server is empty. The 802.1X section is collapsed, and the 'Use 802.1X Security' checkbox is unchecked. The 'Authentication' dropdown is set to 'MD5'. A 'Top' button is located at the bottom left.

Facturación

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address 2001:DB8:1:1::3 / 64

Link Local Address

Default Gateway FE80::1

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

☐ Top

The screenshot shows the 'Ventas' configuration window with the 'Desktop' tab selected. The 'IP Configuration' section is expanded, showing settings for the 'FastEthernet0' interface. The 'Static' radio button is selected for both IPv4 and IPv6 configurations. The IPv6 Address is set to '2001:DB8:1:1::2' with a prefix length of '64'. The Link Local Address is empty. The Default Gateway is empty. The DNS Server is set to 'FE80::1'. The 802.1X section is collapsed, and the 'Use 802.1X Security' checkbox is unchecked. The 'Authentication' dropdown is set to 'MD5'. A 'Top' button is located at the bottom left.

Ventas

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address 2001:DB8:1:1::2 / 64

Link Local Address

Default Gateway

DNS Server FE80::1

802.1X

☐ Use 802.1X Security

Authentication MD5

☐ Top

Ingeniería

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address 2001:DB8:1:2::3 / 64

Link Local Address

Default Gateway FE80::1

DNS Server

802.1X

☐ Use 802.1X Security

Authentication MD5

☐ Top

Diseño

Physical Config **Desktop** Programming Attributes

IP Configuration X

Interface FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address

Subnet Mask

Default Gateway 0.0.0.0

DNS Server 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address 2001:DB8:1:2::2 / 64

Link Local Address

Default Gateway FE80::1

DNS Server

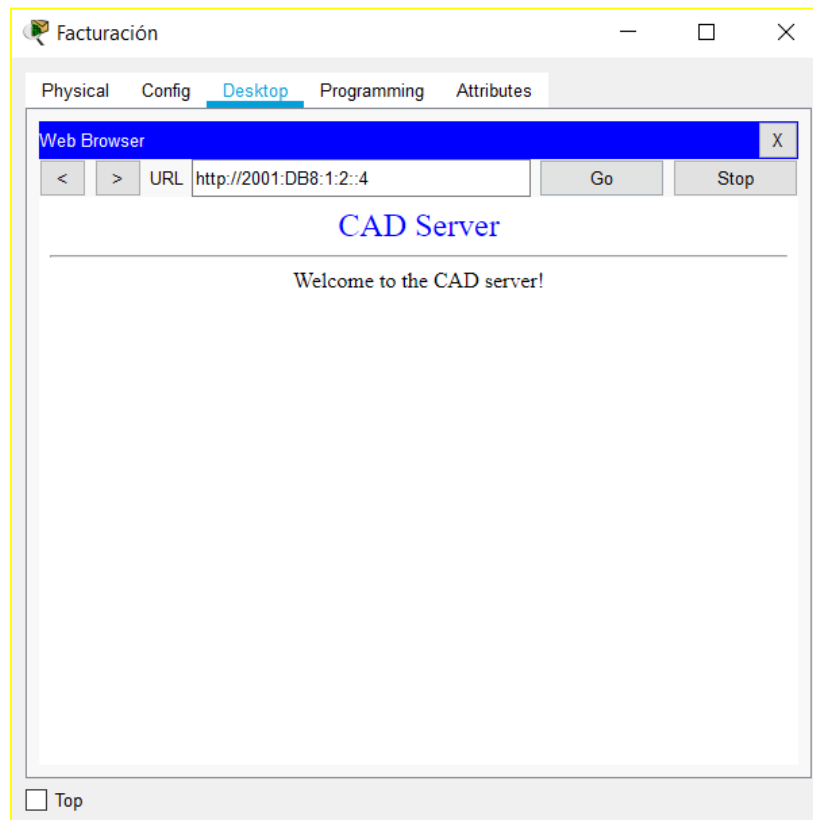
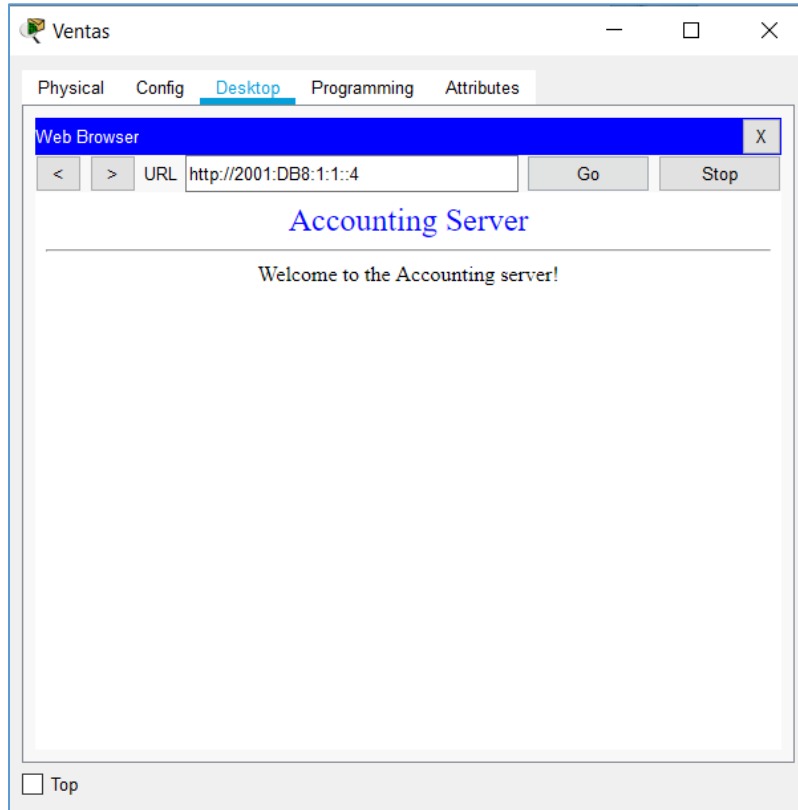
802.1X

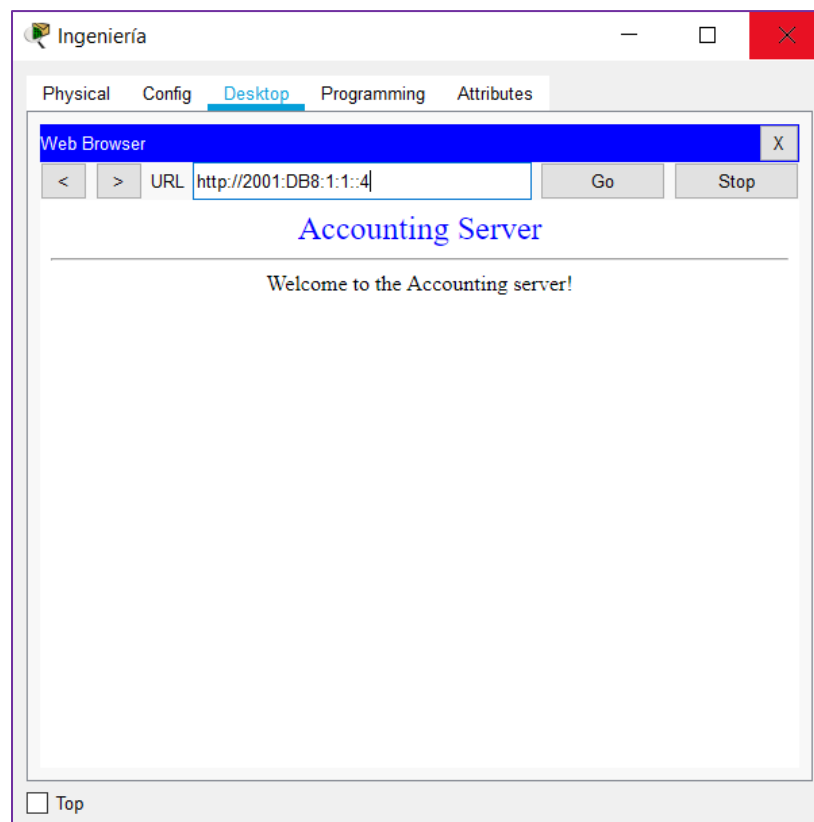
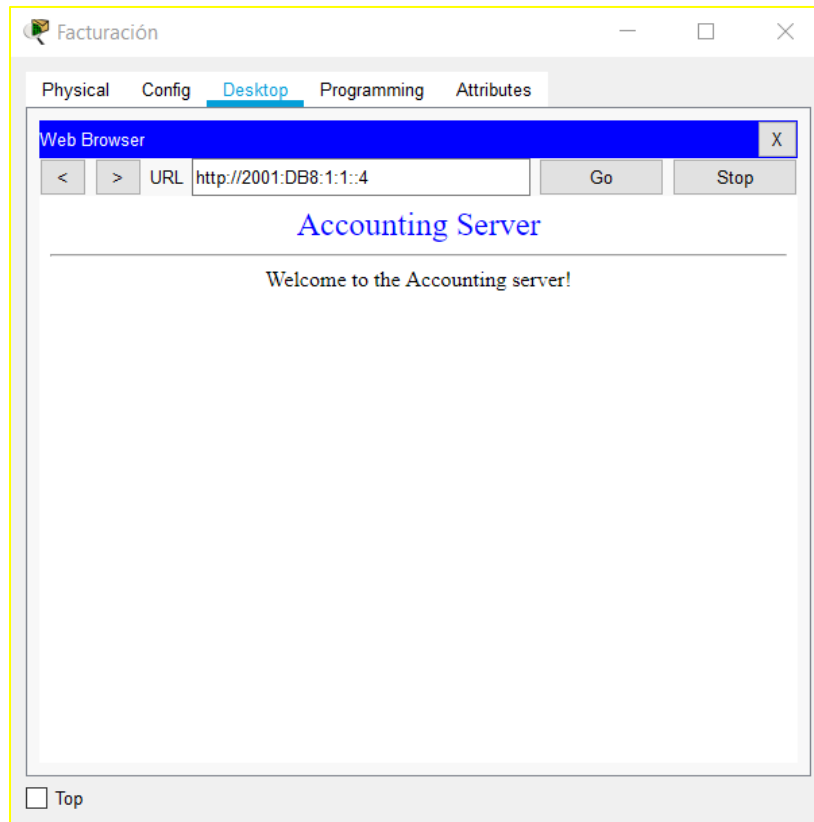
☐ Use 802.1X Security

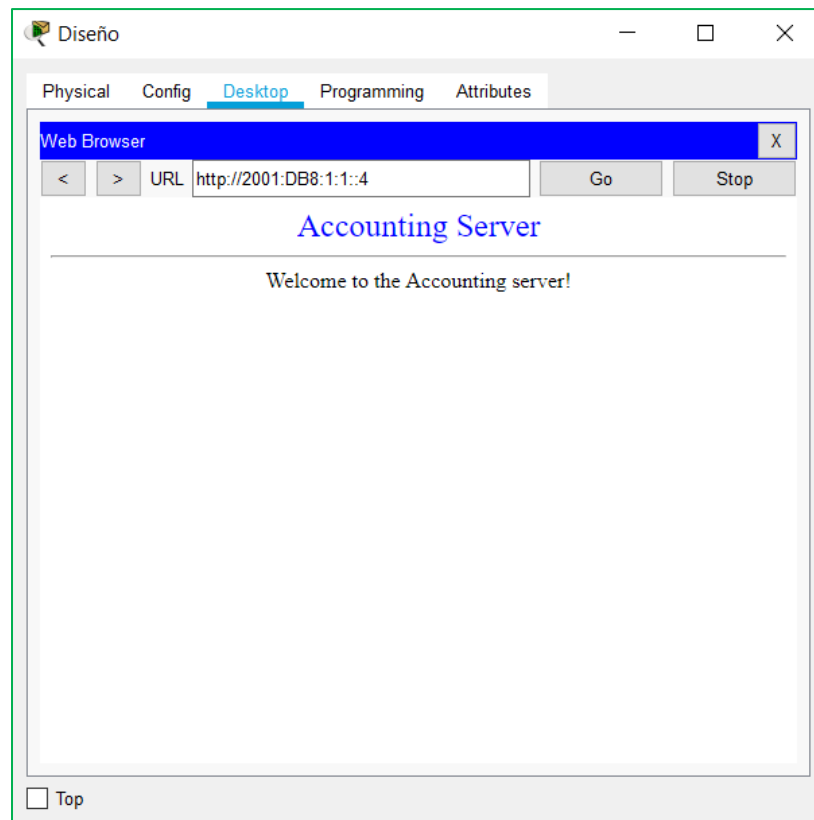
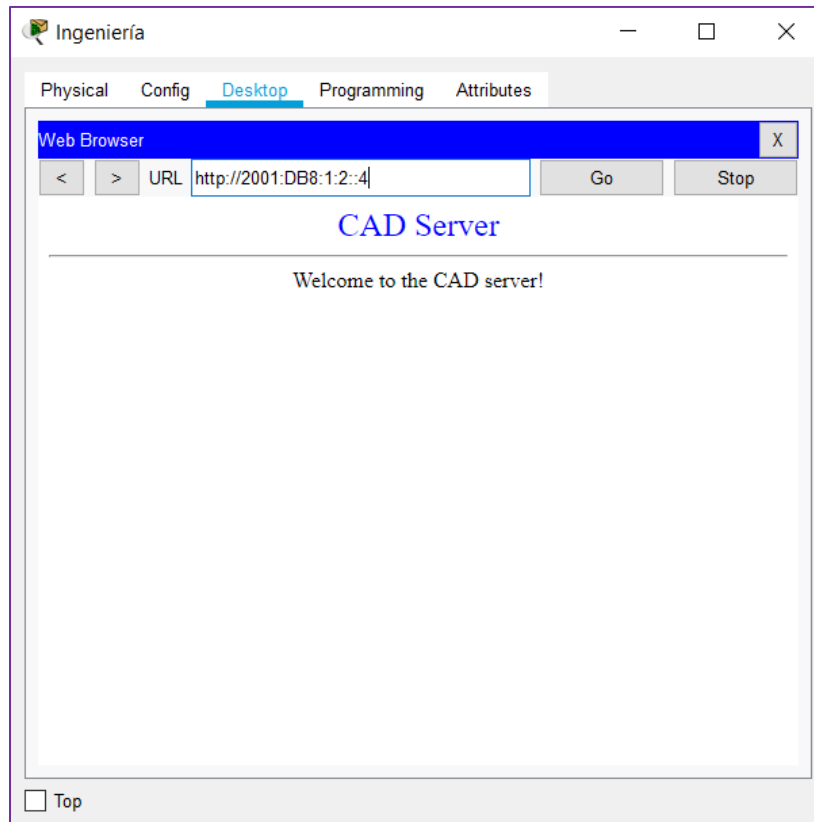
Authentication MD5

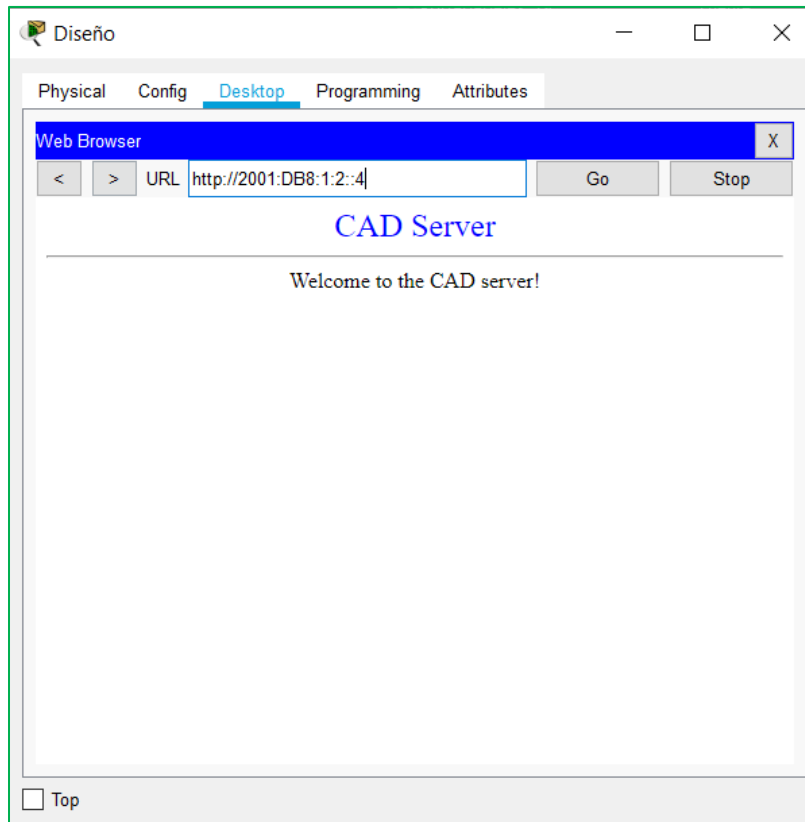
☐ Top

- Probar y verificar la conectividad de la red.

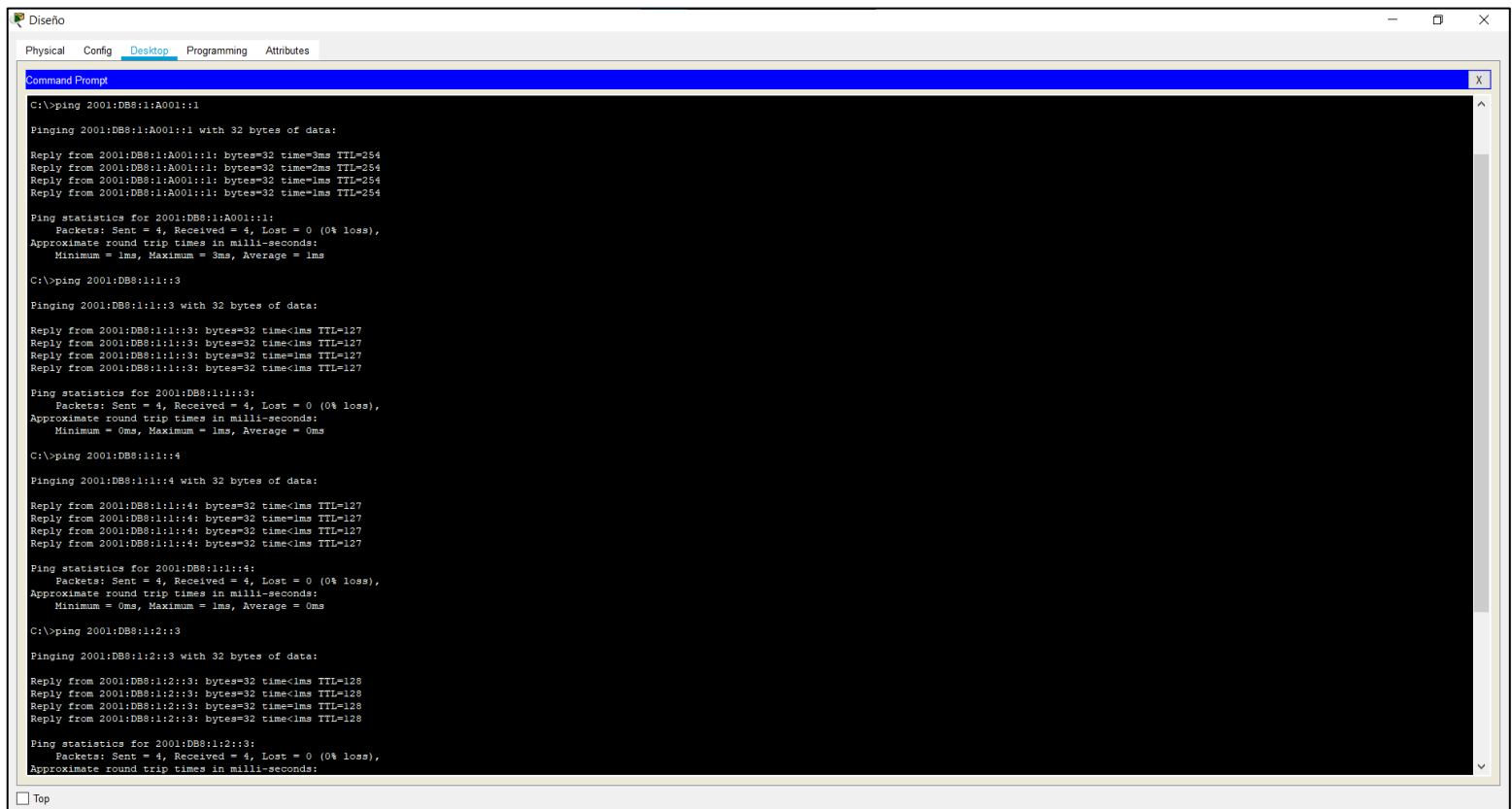


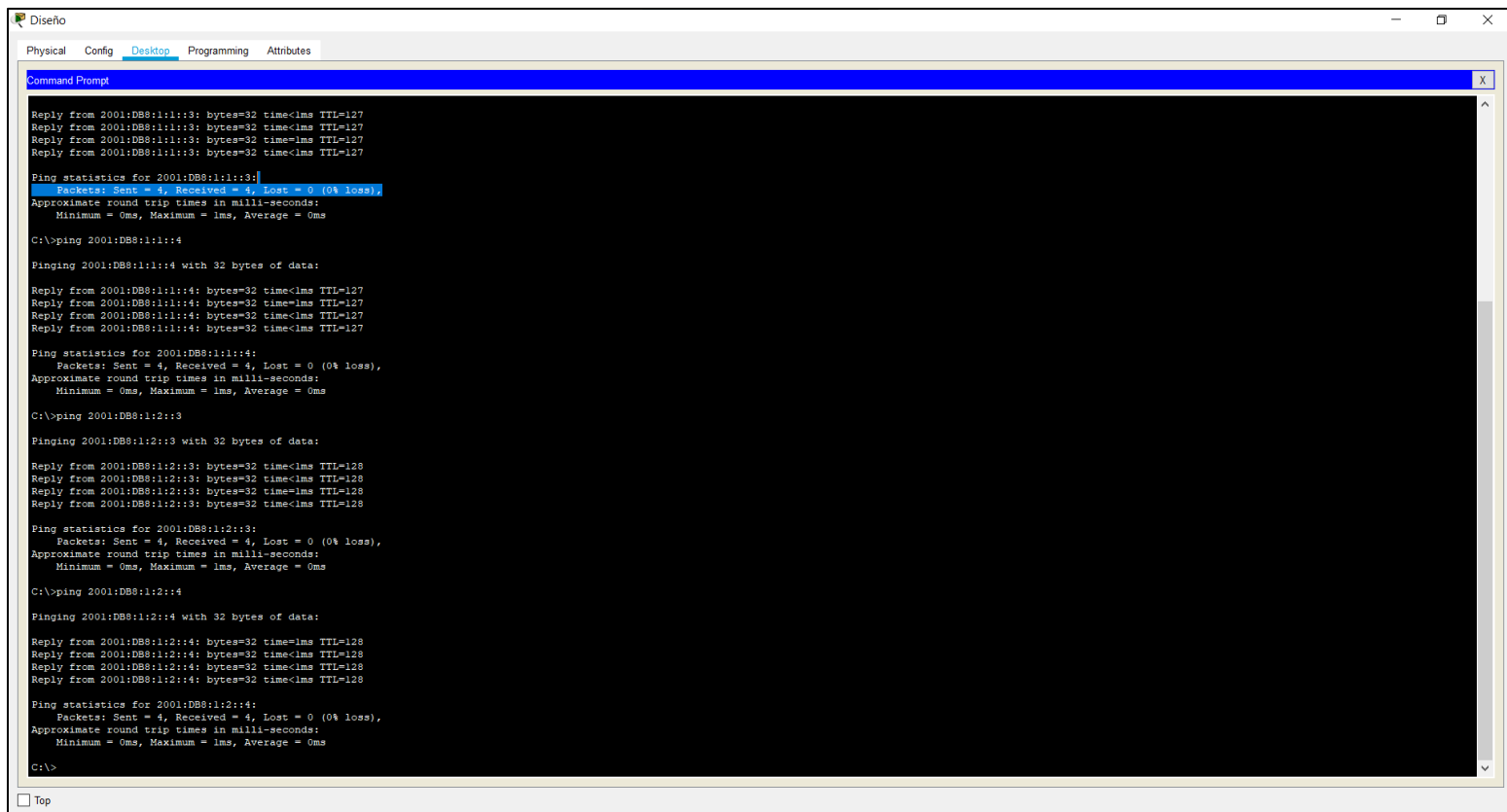




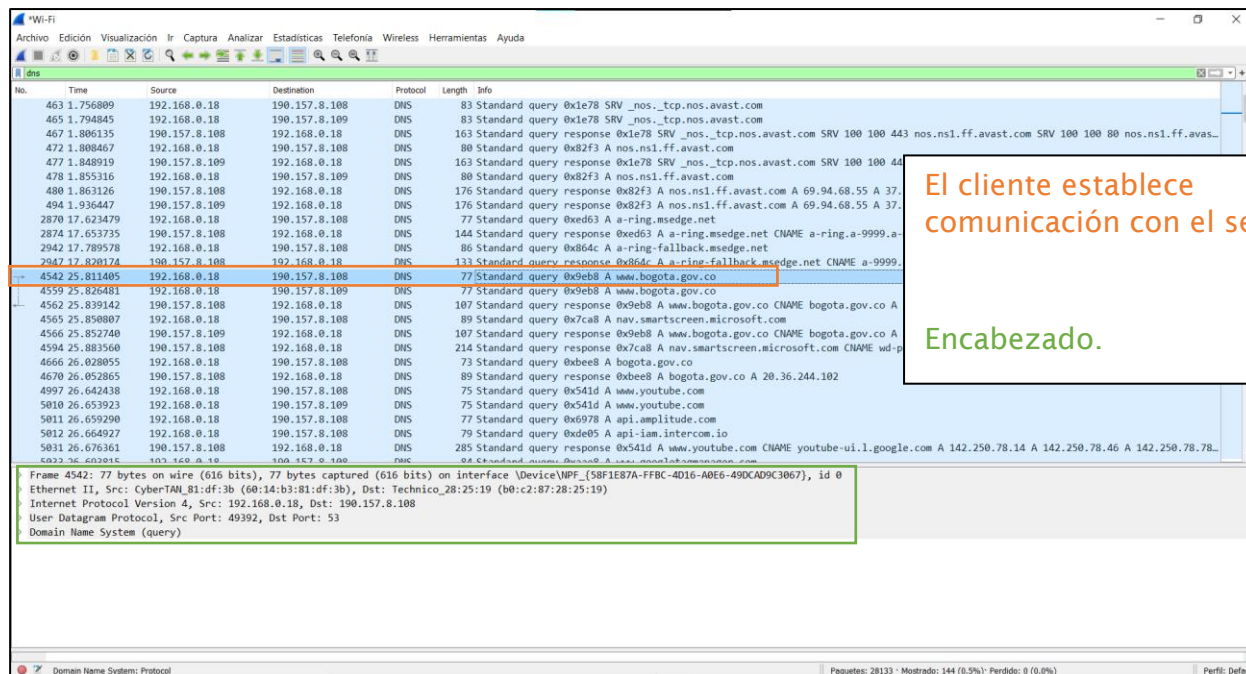


- Conectividad.





2. REVISIÓN DEL PROTOCOLO UDP



Wi-Fi

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

dns

No.	Time	Source	Destination	Protocol	Length	Info
480	1.863126	190.157.8.108	192.168.0.18	DNS	176	Standard query response 0x82f3 A nos.nsl.ff.avast.com A 69.94.68.55 A 37.156.185.135 A 37.156.185.151 A 69.94.68.37 A 37.156.1...
494	1.936447	190.157.8.109	192.168.0.18	DNS	176	Standard query response 0x82f3 A nos.nsl.ff.avast.com A 69.94.68.55 A 37.156.185.135 A 37.156.185.151 A 69.94.68.37 A 37.156.1...
2870	17.623479	192.168.0.18	190.157.8.108	DNS	77	Standard query 0xed63 A a-ring.msedge.net
2874	17.653735	190.157.8.108	192.168.0.18	DNS	144	Standard query response 0xed63 A a-ring.msedge.net CNAME a-ring.a-9999.a-msedge.net CNAME a-9999.a-msedge.net A 204.79.197.254
2942	17.789578	192.168.0.18	190.157.8.108	DNS	86	Standard query 0x864c A a-ring-fallback.msedge.net
2947	17.820174	190.157.8.108	192.168.0.18	DNS	133	Standard query response 0x864c A a-ring-fallback.msedge.net CNAME a-9999.dc-msedge.net A 131.253.33.254
4542	25.811405	192.168.0.18	190.157.8.108	DNS	77	Standard query 0x9eb8 A www.bogota.gov.co
4559	25.826481	192.168.0.18	190.157.8.109	DNS	77	Standard query 0x9eb8 A www.bogota.gov.co
4562	25.839142	190.157.8.108	192.168.0.18	DNS	107	Standard query response 0x9eb8 A www.bogota.gov.co CNAME bogota.gov.co A 20.36.244.102
4565	25.850807	192.168.0.18	190.157.8.108	DNS	89	Standard query 0x7ca8 A nav.smartscreen.microsoft.com
4566	25.852740	190.157.8.109	192.168.0.18	DNS	107	Standard query response 0x9eb8 A www.bogota.gov.co CNAME bogota.gov.co A 20.36.244.102
4594	25.883560	190.157.8.108	192.168.0.18	DNS	214	Standard query response 0x7ca8 A nav.smartscreen.microsoft.com CNAME wd-prod-ss.trafficmanager.net CNAME wd-prod-ss-br-south-1...
4666	26.028055	192.168.0.18	190.157.8.108	DNS	73	Standard query 0xbee8 A bogota.gov.co
4670	26.052865	190.157.8.108	192.168.0.18	DNS	89	Standard query response 0xbee8 A bogota.gov.co A 20.36.244.102
4997	26.642438	192.168.0.18	190.157.8.108	DNS	75	Standard query 0x541d A www.youtube.com
5010	26.653923	192.168.0.18	190.157.8.109	DNS	75	Standard query 0x541d A www.youtube.com
5011	26.659290	192.168.0.18	190.157.8.108	DNS	77	Standard query 0x6978 A api.amplitude.com

> Frame 4562: 107 bytes on wire (856 bits), 107 bytes captured (856 bits) on interface \Device\NPF_{58F1E87A-FFBC-4D16-A0E6-49DCAD9C3067}, id 0

> Ethernet II, Src: Technico_28:25:19 (b0:c2:87:28:25:19), Dst: CyberTAN_81:df:3b (60:14:b3:81:df:3b)

> Internet Protocol Version 4, Src: 190.157.8.108, Dst: 192.168.0.18

> User Datagram Protocol, Src Port: 53, Dst Port: 49392

> Domain Name System (response)

Transaction ID: 0x9eb8

> Flags: 0x8180 Standard query response, No error

Questions: 1

Answer RRs: 2

Authority RRs: 0

Additional RRs: 0

> Queries

> Answers

[Request In: 4542]

```

0000  60 14 b3 81 df 3b b0 c2 87 28 25 19 08 00 45 00  .....(%.E.
0010  00 5d 2f 78 00 00 3b 11 c8 54 be 9d 08 6c c0 a8  ..]/x.;-T...1..
0020  00 12 00 35 c0 f0 00 49 16 da 9e b8 81 80 00 01  ..5...I.....
0030  00 02 00 00 00 00 03 77 77 06 62 6f 67 6f 74  ..w ww bogot
0040  61 03 67 6f 76 02 63 6f 00 00 01 00 01 c0 0c 00  a-gov.co .....
0050  05 00 01 00 00 ca 00 02 c0 10 c0 10 00 01 00  ..
0060  01 00 00 01 ea 00 04 14 24 f4 66  .....$-f

```

Number of answers in packet (dns.count.answers): 2 byte(s)

Paquetes: 28133 · Mostrado: 144 (0.5%) · Perdido: 0 (0.0%) · Perfil: Default

El servidor establece comunicación con el cliente.

3. IDENTIFICACIÓN EL PROCESO DE CONEXIÓN Y DESCONEXIÓN TCP.

Wi-Fi

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

http

No.	Time	Source	Destination	Protocol	Length	Info
1913	8.833384	192.168.0.18	149.56.16.159	HTTP	698	GET /moodle/ HTTP/1.1

> Frame 1913: 698 bytes on wire (5584 bits), 698 bytes captured (5584 bits) on interface \Device\NPF_{58F1E87A-FFBC-4D16-A0E6-49DCAD9C3067}, id 0

> Ethernet II, Src: CyberTAN_81:df:3b (60:14:b3:81:df:3b), Dst: Technico_28:25:19 (b0:c2:87:28:25:19)

> Internet Protocol Version 4, Src: 192.168.0.18, Dst: 149.56.16.159

> Transmission Control Protocol, Src Port: 52713, Dst Port: 80, Seq: 1, Ack: 1, Len: 644

> Hypertext Transfer Protocol

No.	Time	Source	Destination	Protocol	Length	Info
1905	8.772178	192.168.0.18	191.239.250.199	TCP	66	52714 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
1909	8.831720	149.56.16.159	192.168.0.18	TCP	66	80 → 52713 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1460 SACK_PERM=1 WS=128
1910	8.831720	149.56.16.159	192.168.0.18	TCP	66	80 → 52712 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1460 SACK_PERM=1 WS=128
1911	8.832005	192.168.0.18	149.56.16.159	TCP	54	52713 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0
1912	8.832094	192.168.0.18	149.56.16.159	TCP	54	52712 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0
1913	8.833384	192.168.0.18	149.56.16.159	HTTP	698	GET /moodle/ HTTP/1.1
1914	8.846892	52.114.132.23	192.168.0.18	TLsv1.2	105	Change Cipher Spec, Encrypted Handshake Message

Protocolo TCP, SYN igual 1.

Wi-Fi

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

http

No.	Time	Source	Destination	Protocol	Length	Info
1913	8.833384	192.168.0.18	149.56.16.159	HTTP	698	GET /moodle/ HTTP/1.1

> Frame 1913: 698 bytes on wire (5584 bits), 698 bytes captured (5584 bits) on interface \Device\NPF_{58F1E87A-FFBC-4D16-A0E6-49DCAD9C3067}, id 0

> Ethernet II, Src: CyberTAN_81:df:3b (60:14:b3:81:df:3b), Dst: Technico_28:25:19 (b0:c2:87:28:25:19)

> Internet Protocol Version 4, Src: 192.168.0.18, Dst: 149.56.16.159

> Transmission Control Protocol, Src Port: 52713, Dst Port: 80, Seq: 1, Ack: 1, Len: 644

Source Port: 52713

Destination Port: 80

[Stream index: 54]

[TCP Segment Len: 644]

Sequence Number: 1 (relative sequence number)

Sequence Number (raw): 158470661

[Next Sequence Number: 645 (relative sequence number)]

Acknowledgment Number: 1 (relative ack number)

Acknowledgment number (raw): 2889074857

0101 = Header Length: 20 bytes (5)

> Flags: 0x018 (PSH, ACK)

Window: 256

[Calculated window size: 65536]

[Window size scaling factor: 256]

Checksum: 0x4453 [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

> [SEQ/ACK analysis]

> [Timestamps]

TCP payload (644 bytes)

> Hypertext Transfer Protocol

Desconexión

Wi-Fi

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

tcp.port == 80 | udp.port == 80

No.	Time	Source	Destination	Protocol	Length	Info
2573	11.234186	52.32.139.164	192.168.0.18	TLsv1.2	92	Application Data
2574	11.234313	192.168.0.18	52.32.139.164	TCP	54	52835 → 443 [ACK] Seq=11007 Ack=7025 Win=65024 Len=0
2575	11.273635	149.56.16.159	192.168.0.18	TLsv1.2	1514	Application Data [TCP segment of a reassembled PDU]
2576	11.274761	149.56.16.159	192.168.0.18	TLsv1.2	1154	Application Data, Application Data, Encrypted Alert
2577	11.275422	192.168.0.18	149.56.16.159	TCP	54	52869 → 443 [ACK] Seq=1890 Ack=232942 Win=290304 Len=0
2578	11.308644	192.168.0.18	149.56.16.159	TCP	54	52869 → 443 [ACK] Seq=1890 Ack=232943 Win=290304 Len=0
2579	11.310630	192.168.0.18	149.56.16.159	TCP	54	52869 → 443 [FIN, ACK] Seq=1890 Ack=232943 Win=290304 Len=0
2580	11.310828	192.168.0.18	149.56.16.159	TCP	54	52869 → 443 [RST, ACK] Seq=1891 Ack=232943 Win=0 Len=0
2582	11.405345	149.56.16.159	192.168.0.18	TCP	60	443 → 52869 [ACK] Seq=232943 Ack=1891 Win=64128 Len=0
2751	13.759355	192.168.0.18	35.201.97.85	TLsv1.2	177	Application Data
2753	13.771168	35.201.97.85	192.168.0.18	TCP	60	443 → 52845 [ACK] Seq=4624 Ack=3103 Win=70912 Len=0
2758	13.871042	35.201.97.85	192.168.0.18	TLsv1.2	120	Application Data

> Transmission Control Protocol, Src Port: 52869, Dst Port: 443, Seq: 1890, Ack: 232943, Len: 0

Source Port: 52869

Destination Port: 443

[Stream index: 56]

[TCP Segment Len: 0]

Sequence Number: 1890 (relative sequence number)

Sequence Number (raw): 761602311

[Next Sequence Number: 1891 (relative sequence number)]

Acknowledgment Number: 232943 (relative ack number)

Acknowledgment number (raw): 1471331891

0101 = Header Length: 20 bytes (5)

> Flags: 0x011 (FIN, ACK)

Window: 1134

[Calculated window size: 290304]

[Window size scaling factor: 256]

Checksum: 0x1041 [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

> [Timestamps]

0000 b0 c2 87 28 25 19 60 14 b3 81 df 3b 08 00 45 00 ...(%... ..E

0010 00 28 3e 80 40 00 80 06 55 be c0 a8 00 12 95 38 .(>@... U....8

0020 10 9f ce 85 01 bb 2d 65 21 07 57 b2 be 33 0c 11e l-W->3

0030 04 6e 10 41 00 00n.A...

4. ANÁLISIS NÚMEROS DE SECUENCIA TCP

The image shows a Wireshark packet capture window titled "Wi-Fi". The interface includes a menu bar (Archivo, Edición, Visualización, Ir, Captura, Analizar, Estadísticas, Telefonía, Wireless, Herramientas, Ayuda) and a toolbar. The main display area shows a list of packets with columns for No., Time, Source, Destination, Protocol, Length, and Info. A red box highlights packet 58, which is a TCP SYN packet from 192.168.0.18 to 45.239.88.86, Seq=641785, Win=0, Len=0. The packet details pane shows the Ethernet II, Internet Protocol Version 4, and Transmission Control Protocol (Seq=641785, Win=0, Len=0) layers. The packet bytes pane shows the raw data in hexadecimal and ASCII. A red label "Conexión" is placed next to the highlighted packet.

No.	Time	Source	Destination	Protocol	Length	Info
52	5.039963	192.168.0.18	35.201.97.85	TCP	54	52926 → 443 [ACK] Seq=242 Ack=135 Win=251 Len=0
53	6.507651	192.168.0.18	190.157.8.108	DNS	91	Standard query 0xe485 A profesores.is.escuelaing.edu.co
54	6.540360	192.168.0.18	190.157.8.109	DNS	91	Standard query 0xe485 A profesores.is.escuelaing.edu.co
55	6.633030	190.157.8.108	192.168.0.18	DNS	126	Standard query response 0xe485 A profesores.is.escuelaing.edu.co CNAME rubi.is.escuelaing.edu.co A 45.239.88.86
56	6.634195	190.157.8.109	192.168.0.18	DNS	126	Standard query response 0xe485 A profesores.is.escuelaing.edu.co CNAME rubi.is.escuelaing.edu.co A 45.239.88.86
57	6.637440	192.168.0.18	45.239.88.86	TCP	66	53096 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
58	6.641785	192.168.0.18	45.239.88.86	TCP	66	53097 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
59	6.660706	192.168.0.18	190.157.8.108	DNS	89	Standard query 0x4184 A nav.smartscreen.microsoft.com
60	6.665348	45.239.88.86	192.168.0.18	TCP	66	80 → 53096 [SYN, ACK] Seq=0 Ack=1 Win=4380 Len=0 MSS=1460 SACK_PERM=1 WS=16
61	6.665676	192.168.0.18	45.239.88.86	TCP	54	53096 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0
62	6.669019	45.239.88.86	192.168.0.18	TCP	66	80 → 53097 [SYN, ACK] Seq=0 Ack=1 Win=4380 Len=0 MSS=1460 SACK_PERM=1 WS=16
63	6.669430	192.168.0.18	45.239.88.86	TCP	54	53097 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0

Frame 61: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface DeviceNPF_{58F1E87A-FFBC-4D16-A0E6-49DCAD9C3067}, id 0
Ethernet II, Src: CyberTAN_81:df:3b (60:14:b3:81:df:3b), Dst: Technico_28:25:19 (b0:c2:87:28:25:19)
Internet Protocol Version 4, Src: 192.168.0.18, Dst: 45.239.88.86
Transmission Control Protocol, Src Port: 53096, Dst Port: 80, Seq: 1, Ack: 1, Len: 0

0000 b0 c2 87 28 25 19 60 14 b3 81 df 3b 08 00 45 00 ...(%-...-...-E-
0010 00 28 57 13 40 00 06 5c bd c0 a8 00 12 2d ef ...(\@-... \-...-
0020 58 56 cf 68 00 50 0b bd 8e 6d 31 d4 74 b2 50 10 XV-h-P...m1-t-P-
0030 01 00 c7 6a 00 00 ...j--

Wireshark_Wi-FiB0120.pcapng Paquetes: 235 - Mostrado: 235 (100.0%) - Perdido: 0 (0.0%) Perfil: Default

The image shows a Wireshark packet capture window titled "Wi-Fi". The interface includes a menu bar (Archivo, Edición, Visualización, Ir, Captura, Analizar, Estadísticas, Telefonía, Wireless, Herramientas, Ayuda) and a toolbar. The main display area shows a list of packets with columns for No., Time, Source, Destination, Protocol, Length, and Info. A red box highlights packet 64, which is an HTTP GET request from 192.168.0.18 to 45.239.88.86, Seq=6471023, Len=669. The packet details pane shows the Ethernet II, Internet Protocol Version 4, and Hypertext Transfer Protocol (GET /-csantiago/ HTTP/1.1) layers. The packet bytes pane shows the raw data in hexadecimal and ASCII. A red label "GET" is placed next to the highlighted packet.

No.	Time	Source	Destination	Protocol	Length	Info
52	5.039963	192.168.0.18	35.201.97.85	TCP	54	52926 → 443 [ACK] Seq=242 Ack=135 Win=251 Len=0
57	6.637440	192.168.0.18	45.239.88.86	TCP	66	53096 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
58	6.641785	192.168.0.18	45.239.88.86	TCP	66	53097 → 80 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
60	6.665348	45.239.88.86	192.168.0.18	TCP	66	80 → 53096 [SYN, ACK] Seq=0 Ack=1 Win=4380 Len=0 MSS=1460 SACK_PERM=1 WS=16
61	6.665676	192.168.0.18	45.239.88.86	TCP	54	53096 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0
62	6.669019	45.239.88.86	192.168.0.18	TCP	66	80 → 53097 [SYN, ACK] Seq=0 Ack=1 Win=4380 Len=0 MSS=1460 SACK_PERM=1 WS=16
63	6.669430	192.168.0.18	45.239.88.86	TCP	54	53097 → 80 [ACK] Seq=1 Ack=1 Win=65536 Len=0
64	6.671023	192.168.0.18	45.239.88.86	HTTP	669	GET /-csantiago/ HTTP/1.1
66	6.693920	45.239.88.86	192.168.0.18	TCP	60	80 → 53096 [ACK] Seq=1 Ack=616 Win=5616 Len=0
68	6.698407	192.168.0.18	191.239.250.199	TCP	66	53098 → 443 [SYN] Seq=0 Win=64240 Len=0 MSS=1460 WS=256 SACK_PERM=1
70	6.937802	45.239.88.86	192.168.0.18	HTTP	466	HTTP/1.1 200 OK (text/html)
71	6.938333	192.168.0.18	192.168.0.18	TCP	66	53098 → 53098 [SYN, ACK] Seq=0 Ack=1 Win=65536 Len=0 MSS=1460 WS=256 SACK_PERM=1

Urgent Pointer: 0
> [SEQ/ACK analysis]
> [Timestamps]
TCP payload (615 bytes)
Hypertext Transfer Protocol
> GET /-csantiago/ HTTP/1.1\r\n
Host: profesores.is.escuelaing.edu.co\r\n
Connection: keep-alive\r\n
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4430.93 Safari/537.36 Edg/90.0.818.56\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n
Accept-Encoding: gzip, deflate\r\n
Accept-Language: es-419,es;q=0.9,es-ES;q=0.8,en;q=0.7,en-GB;q=0.6,en-US;q=0.5\r\n
> Cookie: _ga=GAI.3.1212855747.1585845681; __utma=55191615.1212855747.1585845681.1598564010.1598982577.6\r\n
Full request URI: http://profesores.is.escuelaing.edu.co/-csantiago/
[HTTP request 1/2]
[Response in frame: 70]
[Next request in frame: 101]

0020 58 56 cf 68 00 50 0b bd 8e 6d 31 d4 74 b2 50 10 XV-h-P...m1-t-P-
0030 01 00 a2 81 00 00 47 45 54 20 2f 7e 63 73 61 6eGET /-csan
0040 74 69 61 67 6f 2f 20 48 54 54 50 2f 31 2e 31 0d tiago/ H TTP/1.1
0050 0a 48 6f 73 74 3a 20 70 72 6f 66 65 73 6f 72 65 -Host: p rofessore
0060 73 2e 69 73 2e 65 73 63 75 65 6c 61 69 6e 67 2e s.is.esc uelaing.
0070 65 64 75 2e 63 6f 0d 0a 43 6f 6e 6e 65 63 74 69 edu.co - Connecti
0080 6f 6e 3a 20 6b 65 65 70 2d 61 6c 69 76 65 0d 0a on: keep -alive-
0090 55 70 67 72 61 64 65 2d 49 6e 73 65 63 75 72 65 Upgrade- Insecure

Transmission Control Protocol (tcp), 20 byte(s) Paquetes: 235 - Mostrado: 199 (84.7%) - Perdido: 0 (0.0%) Perfil: Default