

Smartphone0

Physical Config Desktop Programming Attributes

IoT Monitor

IoT Server - Devices Home | Conditions | Editor | Log Out

- IoT0 (PTT0810A764-) Ceiling Fan
Status: Off High
- IoT5 (PTT0810784T-) Door
Open: Lock Unlock
- IoT9 (PTT0810949H-) AC
On: On
- IoT9 (PTT0810IZJF-) Light
Status: Dim On

Top

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1010, y: 290

Root 20:38:30

Simulation Panel

Event List

Vis	Time(sec)	Last Device
	0.003	PC0
	0.003	Server3
	0.004	Switch0
	0.004	Switch0

Reset Simulation ☒ Constant Delay Captured to: 0.004 s

Play Controls

Event List Filters - Visible Events

ACL Filter, ARP, BGP, Bluetooth, CAPWAP, CDP, DHCP, DHCPv6, DNS, DTP, EAPOL, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPsec, ISAKMP, IoT, IoT TCF, LACP, LLDP, Meraki, NDP, NETFLOW, NTP, OSPF, OSPFv6, PAgP, POP3, PPP, PPPoE, PTP, RADIUS, REP, RIP, RIPv2, RIPv3, RTR, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, USB, VTP

Edit Filters Show All/None

Time: 00:38:37.196 PLAY CONTROLS

Scenario 0

New Delete

Toggle PDU List Window

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

Successful	Server3	PC0	ICMP	Red	0.000	N	0	(edit)
Successful	PC0	Server3	ICMP	Red	0.000	N	1	(edit)

Automatically Choose Connection Type

35°C Mostly sunny 2:14 PM

Wi-Fi

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smtp

No.	Time	Source	Destination	Protocol	Length	Info
786	64.166821	2409:40f4:3b:5360:c...	2404:6800:4003:c11:...	SMTP	76	C: DATA fragment, 10 bytes
788	64.343616	2409:40f4:3b:5360:c...	2404:6800:4003:c11:...	SMTP	76	C: DATA fragment, 2 bytes
790	64.481148	2409:40f4:3b:5360:c...	2404:6800:4003:c11:...	SMTP	76	C: DATA fragment, 2 bytes
791	64.500593	2404:6800:4003:c11:...	2409:40f4:3b:5360:c...	SMTP	240	S: 502-5.5.1 Unrecognized command. For more information, go to 5.5.1 https://support.google.com/a/answer/32216...
794	64.606486	2409:40f4:3b:5360:c...	2404:6800:4003:c11:...	SMTP	76	C: DATA fragment, 2 bytes
2742	118.065641	74.125.130.109	192.168.205.237	SMTP	129	S: 220 smtp.gmail.com ESMTP 41be03b00d2f7-7db498f9f28sm8690440a12.22 - gsmt
2788	130.343576	192.168.205.237	74.125.130.109	SMTP	56	C: DATA fragment, 16 bytes
2790	130.610782	74.125.130.109	192.168.205.237	SMTP	220	S: 502-5.5.1 Unrecognized command. For more information, go to 5.5.1 https://support.google.com/a/answer/32216...
2806	133.546796	192.168.205.237	74.125.130.109	SMTP	56	C: helo
2808	133.803122	74.125.130.109	192.168.205.237	SMTP	224	S: 501-5.5.4 Empty HELO/EHLO argument not allowed, closing connection. 5.5.4 https://support.google.com/mail/?...
2970	148.895488	2404:6800:4003:c11:...	2409:40f4:3b:5360:c...	SMTP	148	S: 220 smtp.gmail.com ESMTP 98e67ed59e1d1-2dd50c109desm1867658a91.0 - gsmt
3176	166.722579	2409:40f4:3b:5360:c...	2404:6800:4003:c11:...	SMTP	76	C: helo
3178	166.975030	2404:6800:4003:c11:...	2409:40f4:3b:5360:c...	SMTP	243	S: 501-5.5.4 Empty HELO/EHLO argument not allowed, closing connection. 5.5.4 https://support.google.com/mail/?...

Frame 2808: 224 bytes on wire (1792 bits), 224 bytes captured (1792 bits) on interface \Device\NPF...
Ethernet II, Src: 2a:99:57:fb:7f:2a (2a:99:57:fb:7f:2a), Dst: Intel_de:c3:e9 (f4:06:69:de:c3:e9)
Internet Protocol Version 4, Src: 74.125.130.109, Dst: 192.168.205.237
Transmission Control Protocol, Src Port: 587, Dst Port: 53528, Seq: 242, Ack: 23, Len: 170
Source Port: 587
Destination Port: 53528
[Stream index: 46]
[Stream Packet Number: 38]
[Conversation completeness: Complete, WITH_DATA (31)]
[TCP Segment Len: 170]
Sequence Number: 242 (relative sequence number)
Sequence Number (raw): 2714736421
[Next Sequence Number: 412 (relative sequence number)]
Acknowledgment Number: 23 (relative ack number)
Acknowledgment number (raw): 1179687745
0101 = Header Length: 20 bytes (5)
Flags: 0x018 (PSH, ACK)
Window: 256
[Calculated window size: 65536]

0000 f4 06 69 de c3 e9 2a 99 57 fb 7f 2a 08 00 45 00 ...i...*.W...*.E:
0010 00 d2 00 00 40 00 74 06 aa a5 4a 7d 82 6d c0 a8 ...@.t...J}.m..
0020 cd ed 02 4b d1 18 a1 cf 97 25 46 50 9b 41 50 18 ...K...%FP.AP..
0030 01 00 3b 9a 00 00 35 30 31 2d 35 2e 35 2e 34 20 ...;...50 1-5.5.4
0040 45 6d 70 74 79 20 48 45 4c 4f 2f 45 48 4c 4f 20 Empty HE LO/EHLO
0050 61 72 67 75 6d 65 6e 74 20 6e 6f 74 20 61 6c 6c argument not all
0060 6f 77 65 64 2c 20 63 6c 6f 73 69 6e 67 20 63 6f owed, cl osing co
0070 6e 6e 65 63 74 69 6f 6e 2e 0d 0a 35 30 31 20 35 nnection ...501 5
0080 2e 35 2e 34 20 20 68 74 74 70 73 3a 2f 2f 73 75 .5.4 ht tps://su
0090 70 70 6f 72 74 2e 67 6f 6f 67 6c 65 2e 63 6f 6d pport.go ogle.com
00a0 2f 6d 61 69 6c 2f 3f 70 3d 68 65 6c 6f 20 34 31 /mail/?p =helo 41
00b0 62 65 30 33 62 30 30 64 32 66 37 2d 37 64 62 34 be03b00d 2f7-7db4
00c0 39 38 66 39 66 32 38 73 6d 38 36 39 30 34 34 30 98f9f28s m8690440
00d0 61 31 32 2e 32 32 20 2d 20 67 73 6d 74 70 0d 0a a12.22 - gsmt

Packets: 3212 · Displayed: 13 (0.4%) · Dropped: 0 (0.0%) Profile: Default

Simple Mail Transfer Protocol: Protocol

Search

ENG 1:09 PM

Wi-Fi

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http

No.	Time	Source	Destination	Protocol	Length	Info
13	0.353035	192.168.133.237	210.148.85.30	HTTP	204	GET /api/check/online?t=1726303882 HTTP/1.1
16	0.529424	210.148.85.30	192.168.133.237	HTTP	356	HTTP/1.1 200 OK (image/jpeg)
74	30.528538	192.168.133.237	210.148.85.30	HTTP	204	GET /api/check/online?t=1726303912 HTTP/1.1
84	30.739020	192.168.133.237	210.148.85.30	HTTP	204	GET /api/check/online?t=1726303912 HTTP/1.1
86	31.011661	210.148.85.30	192.168.133.237	HTTP	352	HTTP/1.1 200 OK (image/jpeg)
99	37.042760	2409:40f4:3f:615a:3...	2606:2800:247:57cb:...	HTTP	328	GET /DigiCertGlobalRootG2.crl HTTP/1.1
101	37.075503	2606:2800:247:57cb:...	2409:40f4:3f:615a:3...	HTTP	358	HTTP/1.1 304 Not Modified
110	37.154193	2409:40f4:3f:615a:3...	2405:200:1630:181:...	HTTP	301	GET / HTTP/1.1
112	37.201587	2405:200:1630:181:...	2409:40f4:3f:615a:3...	HTTP	337	HTTP/1.1 304 Not Modified
121	37.320425	2409:40f4:3f:615a:3...	2404:6800:4007:81f:...	HTTP	276	GET /r/gsr1.crl HTTP/1.1
122	37.354487	2404:6800:4007:81f:...	2409:40f4:3f:615a:3...	HTTP	296	HTTP/1.1 304 Not Modified
123	37.367690	2409:40f4:3f:615a:3...	2404:6800:4007:81f:...	HTTP	274	GET /r/r4.crl HTTP/1.1
126	37.416038	2404:6800:4007:81f:...	2409:40f4:3f:615a:3...	HTTP	296	HTTP/1.1 304 Not Modified
149	61.185148	192.168.133.237	210.148.85.30	HTTP	204	GET /api/check/online?t=1726303943 HTTP/1.1
151	61.345293	210.148.85.30	192.168.133.237	HTTP	356	HTTP/1.1 200 OK (image/jpeg)
220	91.341552	192.168.133.237	210.148.85.30	HTTP	204	GET /api/check/online?t=1726303973 HTTP/1.1
230	91.937053	192.168.133.237	210.148.85.30	HTTP	204	GET /api/check/online?t=1726303973 HTTP/1.1
234	92.117726	210.148.85.30	192.168.133.237	HTTP	364	HTTP/1.1 200 OK (image/jpeg)
352	124.004583	192.168.133.237	91.108.56.200	HTTP	290	POST /api HTTP/1.1 (application/x-www-form-urlencoded)
372	124.086193	192.168.133.237	91.108.23.100	HTTP	190	POST /api HTTP/1.1 (application/x-www-form-urlencoded)
392	124.282705	192.168.133.237	91.108.23.100	HTTP	94	POST /api HTTP/1.1 (application/x-www-form-urlencoded)
397	124.303011	192.168.133.237	91.108.23.100	HTTP	346	POST /api HTTP/1.1 (application/x-www-form-urlencoded)
414	124.491923	2409:40f4:3f:615a:3...	64:ff9b:312c:74e7	HTTP	185	GET /connecttest.txt HTTP/1.1

Frame 86: 352 bytes on wire (2816 bits), 352 bytes captured (2816 bits) on interface \Device\NPF{...}

Ethernet II, Src: 2a:99:57:fb:7f:2a (2a:99:57:fb:7f:2a), Dst: Intel_de:c3:e9 (f4:06:69:de:c3:e9)

Internet Protocol Version 4, Src: 210.148.85.30, Dst: 192.168.133.237

Transmission Control Protocol, Src Port: 80, Dst Port: 62731, Seq: 1, Ack: 151, Len: 298

Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n

Connection: keep-alive\r\n

Content-Type: image/jpeg\r\n

Date: Sat, 14 Sep 2024 08:51:53 GMT\r\n

Flow-Level: 3\r\n

Http-X-Isis-Logid: 212245776715368825\r\n

Logid: 212245776715368825\r\n

Server: nginx\r\n

Yld: 212245776715368825\r\n

Yme: ZIGW+Ss3QEsTdTcdUmr/tGIMvuUZSxz3owpNwyGAjq2I\r\n

Packets: 2076 · Displayed: 34 (1.6%) · Dropped: 0 (0.0%) Profile: Default

36°C Partly sunny 2:29 PM

Wi-Fi

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arp

No.	Time	Source	Destination	Protocol	Length	Info
33	9.093294	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	Who has 192.168.133.237? Tell 192.168.133.88
34	9.093316	Intel_de:c3:e9	2a:99:57:fb:7f:2a	ARP	42	192.168.133.237 is at f4:06:69:de:c3:e9
90	36.036446	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	Who has 192.168.133.237? Tell 192.168.133.88
91	36.036491	Intel_de:c3:e9	2a:99:57:fb:7f:2a	ARP	42	192.168.133.237 is at f4:06:69:de:c3:e9
154	66.200420	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	Who has 192.168.133.237? Tell 192.168.133.88
155	66.200439	Intel_de:c3:e9	2a:99:57:fb:7f:2a	ARP	42	192.168.133.237 is at f4:06:69:de:c3:e9
172	81.816264	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	Who has 192.168.133.237? Tell 192.168.133.88
173	81.816302	Intel_de:c3:e9	2a:99:57:fb:7f:2a	ARP	42	192.168.133.237 is at f4:06:69:de:c3:e9
267	98.456565	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	Who has 192.168.133.237? Tell 192.168.133.88
268	98.456592	Intel_de:c3:e9	2a:99:57:fb:7f:2a	ARP	42	192.168.133.237 is at f4:06:69:de:c3:e9
269	98.932045	Intel_de:c3:e9	2a:99:57:fb:7f:2a	ARP	42	Who has 192.168.133.88? Tell 192.168.133.237
270	98.957925	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	192.168.133.88 is at 2a:99:57:fb:7f:2a
286	123.672507	Intel_de:c3:e9	Broadcast	ARP	42	Who has 192.168.133.88? Tell 192.168.133.237
289	123.735273	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	192.168.133.88 is at 2a:99:57:fb:7f:2a
291	123.743520	Intel_de:c3:e9	Broadcast	ARP	42	Who has 192.168.133.88? Tell 192.168.133.237
292	123.747919	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	192.168.133.88 is at 2a:99:57:fb:7f:2a
328	123.939106	Intel_de:c3:e9	Broadcast	ARP	42	Who has 192.168.133.237? (ARP Probe)
348	123.982209	Intel_de:c3:e9	Broadcast	ARP	42	Who has 192.168.133.88? Tell 192.168.133.237
350	123.984503	2a:99:57:fb:7f:2a	Intel_de:c3:e9	ARP	42	192.168.133.88 is at 2a:99:57:fb:7f:2a
369	124.085234	AzureWaveTec_8e:01:...	Broadcast	ARP	42	ARP Announcement for 192.168.133.219
468	124.939905	Intel_de:c3:e9	Broadcast	ARP	42	Who has 192.168.133.237? (ARP Probe)
538	125.931332	Intel_de:c3:e9	Broadcast	ARP	42	Who has 192.168.133.237? (ARP Probe)
734	126.934871	Intel_de:c3:e9	Broadcast	ARP	42	ARP Announcement for 192.168.133.237

Frame 90: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface \Device\NPF_{...} Ethernet II, Src: 2a:99:57:fb:7f:2a (2a:99:57:fb:7f:2a), Dst: Intel_de:c3:e9 (f4:06:69:de:c3:e9)

Address Resolution Protocol (request)

Hardware type: Ethernet (1)
Protocol type: IPv4 (0x0800)
Hardware size: 6
Protocol size: 4
Opcode: request (1)
Sender MAC address: 2a:99:57:fb:7f:2a (2a:99:57:fb:7f:2a)
Sender IP address: 192.168.133.88
Target MAC address: 00:00:00:00:00:00 (00:00:00:00:00:00)
Target IP address: 192.168.133.237

Address Resolution Protocol: Protocol

Packets: 2076 · Displayed: 34 (1.6%) · Dropped: 0 (0.0%) Profile: Default

36°C Partly sunny 2:29 PM

Wi-Fi

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tcp

No.	Time	Source	Destination	Protocol	Length	Info
46	13.429070	2409:40f4:3f:615a:1...	2404:6800:4007:826:...	TCP	75	61404 → 443 [ACK] Seq=1 Ack=1 Win=256 Len=1
49	13.467240	2404:6800:4007:826:...	2409:40f4:3f:615a:1...	TCP	86	443 → 61404 [ACK] Seq=1 Ack=2 Win=278 Len=0 SLE=1 SRE=2
56	14.563612	157.240.192.55	192.168.133.237	TCP	443	80 → 51029 [PSH, ACK] Seq=2120 Ack=277 Win=277 Len=389
57	14.579178	192.168.133.237	157.240.192.55	TCP	123	51029 → 80 [PSH, ACK] Seq=277 Ack=2509 Win=258 Len=69
58	14.615349	157.240.192.55	192.168.133.237	TCP	54	80 → 51029 [ACK] Seq=2509 Ack=346 Win=277 Len=0
79	15.707500	157.240.192.55	192.168.133.237	TCP	459	80 → 51029 [PSH, ACK] Seq=2509 Ack=346 Win=277 Len=405
80	15.716634	192.168.133.237	157.240.192.55	TCP	123	51029 → 80 [PSH, ACK] Seq=346 Ack=2914 Win=257 Len=69
81	15.758518	157.240.192.55	192.168.133.237	TCP	54	80 → 51029 [ACK] Seq=2914 Ack=415 Win=277 Len=0
84	16.920164	157.240.192.55	192.168.133.237	TCP	459	80 → 51029 [PSH, ACK] Seq=2914 Ack=415 Win=277 Len=405
85	16.975029	192.168.133.237	157.240.192.55	TCP	54	51029 → 80 [ACK] Seq=415 Ack=3319 Win=255 Len=0
86	17.069677	192.168.133.237	157.240.192.55	TCP	123	51029 → 80 [PSH, ACK] Seq=415 Ack=3319 Win=255 Len=69
87	17.091399	157.240.192.55	192.168.133.237	TCP	54	80 → 51029 [ACK] Seq=3319 Ack=484 Win=277 Len=0
90	18.739479	157.240.192.55	192.168.133.237	TCP	974	80 → 51029 [PSH, ACK] Seq=3319 Ack=484 Win=277 Len=920
91	18.784072	192.168.133.237	157.240.192.55	TCP	54	51029 → 80 [ACK] Seq=484 Ack=4239 Win=258 Len=0
92	18.849470	192.168.133.237	157.240.192.55	TCP	123	51029 → 80 [PSH, ACK] Seq=484 Ack=4239 Win=258 Len=69
93	18.927143	157.240.192.55	192.168.133.237	TCP	54	80 → 51029 [ACK] Seq=4239 Ack=553 Win=277 Len=0
94	19.691878	157.240.192.55	192.168.133.237	TCP	445	80 → 51029 [PSH, ACK] Seq=4239 Ack=553 Win=277 Len=391
95	19.702775	192.168.133.237	157.240.192.55	TCP	123	51029 → 80 [PSH, ACK] Seq=553 Ack=4630 Win=257 Len=69
96	19.753031	157.240.192.55	192.168.133.237	TCP	54	80 → 51029 [ACK] Seq=4630 Ack=622 Win=277 Len=0
97	19.918886	2409:40f4:3f:615a:1...	2405:200:1630:c8e:1...	TCP	75	51105 → 443 [ACK] Seq=1 Ack=1 Win=254 Len=1
98	19.962762	2405:200:1630:c8e:1...	2409:40f4:3f:615a:1...	TCP	86	443 → 51105 [ACK] Seq=1 Ack=2 Win=501 Len=0 SLE=1 SRE=2
100	20.447016	2409:40f4:3f:615a:1...	2405:200:1630:181:1...	TCP	74	61392 → 80 [FIN, ACK] Seq=1 Ack=1 Win=257 Len=0
101	20.447235	2409:40f4:3f:615a:1...	2404:6800:4007:81f:1...	TCP	74	61393 → 80 [FIN, ACK] Seq=1 Ack=1 Win=257 Len=0

Frame 57: 123 bytes on wire (984 bits), 123 bytes captured (984 bits) on interface \Device\NPF...

Ethernet II, Src: Intel_de:c3:e9 (f4:06:69:de:c3:e9), Dst: 2a:99:57:fb:7f:2a (2a:99:57:fb:7f:2a)

Internet Protocol Version 4, Src: 192.168.133.237, Dst: 157.240.192.55

Transmission Control Protocol, Src Port: 51029, Dst Port: 80, Seq: 277, Ack: 2509, Len: 69

Source Port: 51029

Destination Port: 80

[Stream index: 3]

[Stream Packet Number: 20]

[Conversation completeness: Incomplete (12)]

[TCP Segment Len: 69]

Sequence Number: 277 (relative sequence number)

Sequence Number (raw): 2860272832

[Next Sequence Number: 346 (relative sequence number)]

Acknowledgment Number: 2509 (relative ack number)

Acknowledgment number (raw): 3448976110

Acknowledgment Number (tcp.ack), 4 bytes

0000 2a 99 57 fb 7f 2a fa 06 69 de c3 e9 08 00 45 00 *W...i...E:
0010 00 6d d3 63 40 00 80 06 82 69 c0 a8 85 ed 9d f0 m.c@...i...:
0020 c0 37 c7 55 00 50 aa 7c 4c c0 cd 93 32 ee 50 18 7.U.P.|L...2P.
0030 01 02 61 03 00 00 33 46 0d 0a 00 00 3c 0d 09 c3 ..a...3F...<...
0040 df c2 99 8b 6e d0 9a 69 ea f1 8b 57 a7 5f bc fcn.i...W...
0050 5f 01 df f4 4c 66 66 83 57 4b c3 83 21 a4 66 b6 ...Lff.WK...!f
0060 b6 e6 1d 09 9b 70 49 93 60 b2 d8 4c ae 98 10 5cpI...L...\
0070 71 fa 10 42 5b 4f 07 86 d1 0d 0a q.B[0... ..

Packets: 215 · Displayed: 113 (52.6%) · Dropped: 0 (0.0%) Profile: Default

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Wi-Fi

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udp

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	2409:40f4:3d:dca0:9...	2404:6800:4007:814:...	UDP	242	56263 → 443 Len=180
2	0.056359	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	89	443 → 56263 Len=27
3	0.056970	2409:40f4:3d:dca0:9...	2404:6800:4007:814:...	UDP	682	56263 → 443 Len=620
4	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	126	443 → 56263 Len=64
5	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1287	443 → 56263 Len=1225
6	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
7	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
8	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
9	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
10	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	968	443 → 56263 Len=906
11	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1287	443 → 56263 Len=1225
12	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
13	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
14	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
15	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
16	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
17	0.101257	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
18	0.101962	2409:40f4:3d:dca0:9...	2404:6800:4007:814:...	UDP	99	56263 → 443 Len=37
22	0.105691	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
23	0.105691	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
24	0.105691	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1287	443 → 56263 Len=1225
25	0.105691	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230
26	0.105691	2404:6800:4007:814:...	2409:40f4:3d:dca0:9...	UDP	1292	443 → 56263 Len=1230

Frame 4: 126 bytes on wire (1008 bits), 126 bytes captured (1008 bits) on interface \Device\NPF...
Ethernet II, Src: 2a:99:57:fb:7f:2a (2a:99:57:fb:7f:2a), Dst: Intel_de:c3:e9 (f4:06:69:de:c3:e9)
Internet Protocol Version 6, Src: 2404:6800:4007:814::2016, Dst: 2409:40f4:3d:dca0:9cb2:7f5:d1...
User Datagram Protocol, Src Port: 443, Dst Port: 56263
Data (64 bytes)
Data: 578d0d4aa4ff803dbd103ec582c0f423676c0a4a53d26b5a487295a352d7ffadc019cdba53f02977f3821
[Length: 64]

0000 f4 06 69 de c3 e9 2a 99 57 fb 7f 2a 86 dd 60 00 ...i...*.W...
0010 00 00 00 48 11 39 24 04 68 00 40 07 08 14 00 00 ...H-9\$ h@...
0020 00 00 00 00 20 16 24 09 40 f4 00 3d dc a0 9c b2 ...\$ @...=
0030 07 f5 d1 b2 68 ce 01 bb db c7 00 48 16 a4 57 8d ...h...H-W
0040 0d 4a a4 ff 80 3d bd 10 3e c5 82 c0 f4 23 67 6c J...>...#gl
0050 0a 4a 53 d2 6b 5a 48 72 95 a3 52 d7 ff ad c0 19 JS kZhr R...
0060 cd ba 53 f0 29 77 f3 82 17 1e a1 5e 9c 22 bc 07 S)w...^...
0070 d0 e4 23 d9 0a 0b 95 db 28 d2 61 f9 68 da ..#...(-a-h

User Datagram Protocol: Protocol

Packets: 17202 - Displayed: 15527 (90.3%) - Dropped: 0 (0.0%) Profile: Default

36°C Sunny 2:12 PM

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical

Physical

Time: 00:53:03

Smartphone0

IoT Monitor

IoT Server - Devices

Home | Conditions | Editor | Log Out

IoT0 (PTT0810A764-)

Ceiling Fan

Status

Off Low

IoT5 (PTT0810784T-)

Door

Open

Lock

IoT9 (PTT0810949H-)

AC

On

IoT9 (PTT0810IZJF-)

Light

Status

Off Dim

Fan IoT0

SMARTPHONE-PT Smartphone0

DLG100 Home Gateway0

Door IoT5

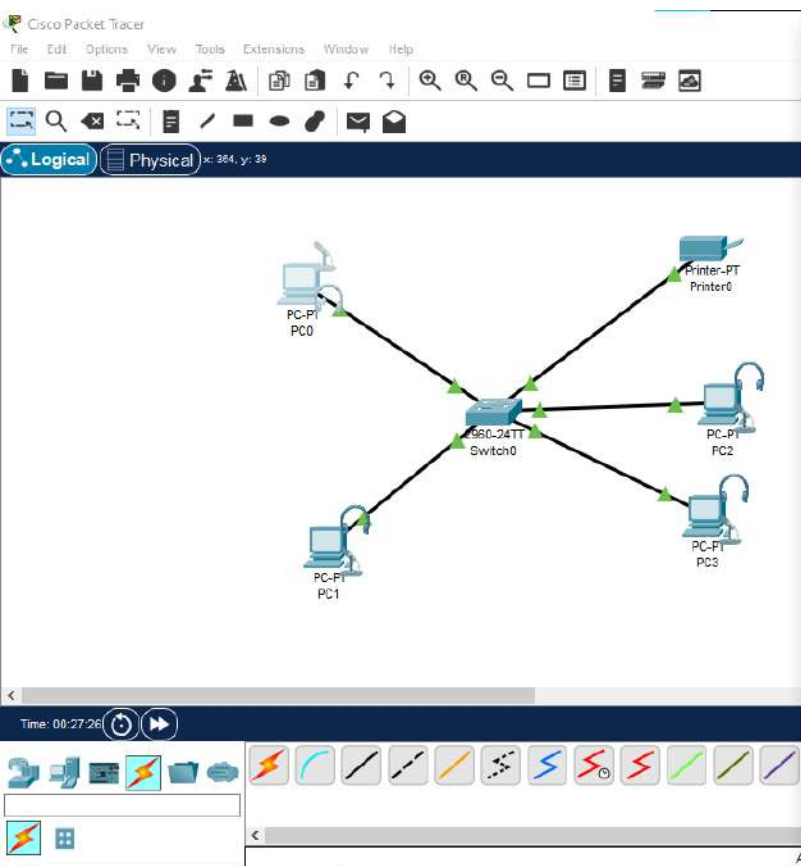
Ar Conditioner IoT8

Light IoT9

Top

35°C Mostly sunny

ENG 1:31 PM



PC0

Physical Config Desktop Programming Attributes

Command Prompt

```
Reply from 10.10.10.1: bytes=32 time<1ms TTL=128
Reply from 10.10.10.1: bytes=32 time<1ms TTL=128
Reply from 10.10.10.1: bytes=32 time<1ms TTL=128
Reply from 10.10.10.1: bytes=32 time<1ms TTL=128

Ping statistics for 10.10.10.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 10.10.10.4

Pinging 10.10.10.4 with 32 bytes of data:

Reply from 10.10.10.4: bytes=32 time<1ms TTL=128
Reply from 10.10.10.4: bytes=32 time<1ms TTL=128
Reply from 10.10.10.4: bytes=32 time<1ms TTL=128
Reply from 10.10.10.4: bytes=32 time<1ms TTL=128

Ping statistics for 10.10.10.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 10.10.10.2

Pinging 10.10.10.2 with 32 bytes of data:

Reply from 10.10.10.2: bytes=32 time<1ms TTL=128
Reply from 10.10.10.2: bytes=32 time<1ms TTL=128
Reply from 10.10.10.2: bytes=32 time<1ms TTL=128
Reply from 10.10.10.2: bytes=32 time<1ms TTL=128

Ping statistics for 10.10.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

☐ Top

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 729, y: 176

Time: 00:13:01

Simulation

Smartphone0

Physical Config Desktop Programming Attributes

IoT Monitor

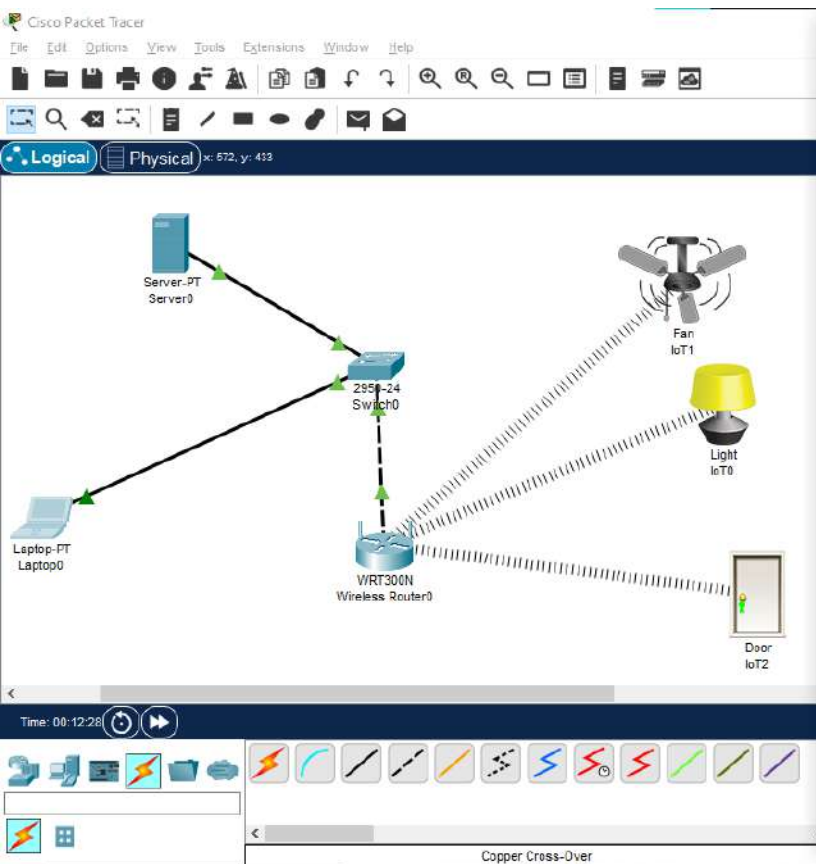
IoT Server - Devices Home | Conditions | Editor | Log Out

- IoT4 (PTT0810HTVF-) Lawn Sprinkler
Status ■
- IoT2 (PTT0810Y1VB-) Water Drain
Status ■
- IoT1 (PTT08106DE3-) Water Level Monitor
Water Level 8.9 cm

☐ Top

36°C Partly sunny 2:50 PM

The image shows the Cisco Packet Tracer software interface. On the left, a network diagram is visible in the 'Physical' tab, showing a central 'DLC100 Home Gateway' connected to three IoT devices: 'SMARTPHONE-PT Smartphone0', 'Water Level Monitor IoT1', and 'Lawn Sprinkler IoT4'. A 'Water Drain IoT2' is also shown. The bottom status bar indicates the time is 00:13:01. On the right, the 'Smartphone0' configuration window is open, showing the 'Desktop' tab. It displays a list of IoT devices connected to the smartphone: IoT4 (Lawn Sprinkler) with a green status indicator, IoT2 (Water Drain) with a red status indicator, and IoT1 (Water Level Monitor) with a water level of 8.9 cm. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the temperature as 36°C, weather as 'Partly sunny', and the time as 2:50 PM.



Laptop0

Physical Config Desktop Programming Attributes

IoT Monitor

IoT Server - Devices Home | Conditions | Editor | Log

- IoT1 (FTT0810J3LW-) Ceiling Fan
Status: Off Low
- IoT0 (FTT0810P78U-) Light
Status: Dim On
- IoT2 (FTT0810BLD1-) Door
Open: ☒ Lock: ☒

Top