

Wireshark interface showing a packet capture on eth0. The packet list shows a DNS query (Standard query 0x29a7 A www.cisco.com OPT) from 192.168.50.100 to 8.8.8.8. The packet details pane shows the structure of the DNS query, including the question section (Standard query query 0x29a7 A www.cisco.com OPT).

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	192.168.50.100	8.8.8.8	DNS	84	Standard query 0x29a7 A www.cisco.com OPT
2	0.096444881	8.8.8.8	192.168.50.100	DNS	266	Standard query response 0x29a7 A www.cisco.com CNAME www.cisco.com.akadns.net CNAME wwwds.cisco.com.edgekey.net CNAME wwwds.cisco.c...
3	0.100708574	192.168.50.100	8.8.8.8	DNS	96	Standard query 0x9246 AAAA e2867.dsca.akamaiedge.net OPT
4	0.138869127	8.8.8.8	192.168.50.100	DNS	152	Standard query response 0x9246 AAAA e2867.dsca.akamaiedge.net OPT
5	0.078310160	PCSSystemtec_6e:13::	PCSSystemtec_7e:f0::	ARP	42	Who has 192.168.50.1? Tell 192.168.50.100
6	0.079778996	PCSSystemtec_7e:f0::	PCSSystemtec_6e:13::	ARP	60	192.168.50.1 is at 08:00:27:7e:f0:79

Frame 1: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface eth0, id 0

Ethernet II, Src: PCSSystemtec\_6e:13:6e (08:00:27:6e:13:6e), Dst: PCSSystemtec\_7e:f0:79 (08:00:27:7e:f0:79)

Internet Protocol Version 4, Src: 192.168.50.100, Dst: 8.8.8.8

User Datagram Protocol, Src Port: 58352, Dst Port: 53

Domain Name System (query)

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Source: PCSSystemtec\_6e:13:6e (08:00:27:6e:13:6e)

Type: IPv4 (0x0800)

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