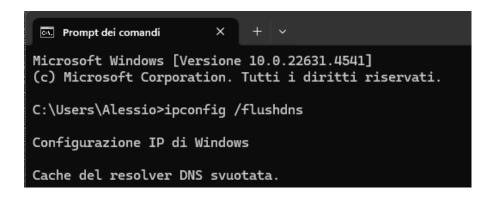
## Esplorazione del Traffico DNS

- Catturare il traffico DNS
- Esplorare il traffico delle query DNS
- Esplorare il traffico delle risposte DNS

## **Capture DNS traffic**

• In Windows, enter ipconfig /flushdns in Command Prompt.

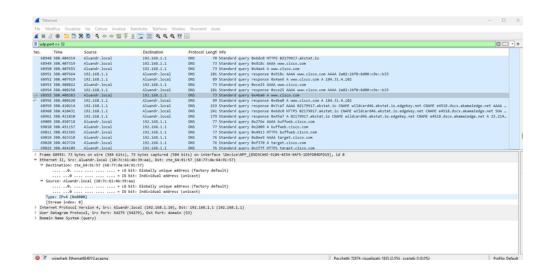


## **Esplorare il traffico delle query DNS**

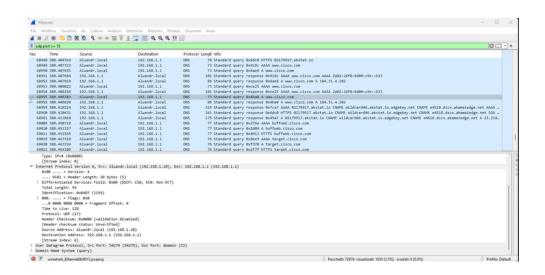
- Enter the domain name of a website. The domain name www.cisco.com
- Click Stop capturing packets to stop the Wireshark capture
- Observe the traffic captured in the Wireshark Packet List pane. Enter **udp.port == 53** in the filter box and click the arrow (or press enter) to display only DNS packets.

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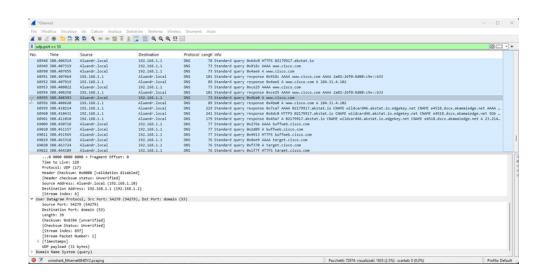
• Expand Ethernet II to view the details. Observe the source and destination fields.



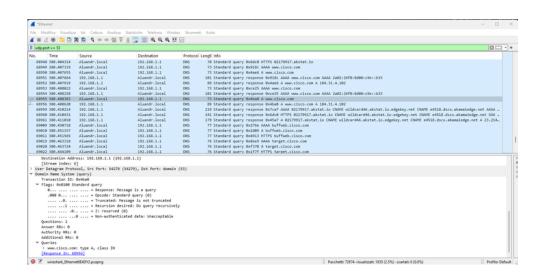
• Expand Internet Protocol Version 4. Observe the source and destination IPv4 addresses.



• Expand the User Datagram Protocol. Observe the source and destination ports.

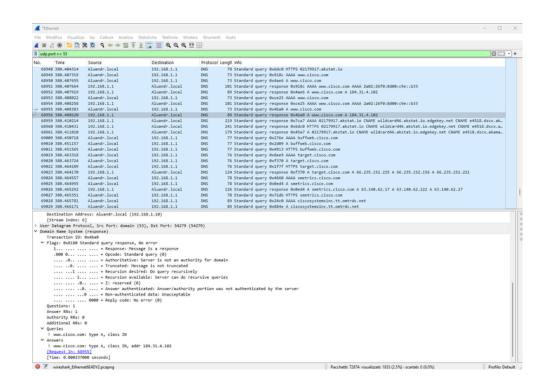


• Expand Domain Name System (query) in the Packet Details pane. Then expand the Flags and Queries.



## **Esplorare il traffico delle risposte DNS**

• Select the corresponding response DNS packet has Standard query response and A www.cisco.com in the Info column.



• Expand Domain Name System (response). Then expand the Flags, Queries, and Answers

