

Q1.Which OSI Layer does the ping command operate on?

Ans- The ping command operates the Network Layer (Layer-3)

Q2.Which OSI Layer does DNS operate on?

Ans - DNS operates on the Application Layer (Layer-7)

Q3.Open your .pcap file in Wireshark: What Protocol is shown for the ping request?

Ans- In Wireshark , the protocol listed for a ping requested ICMP(Internet Control Message Protocol)