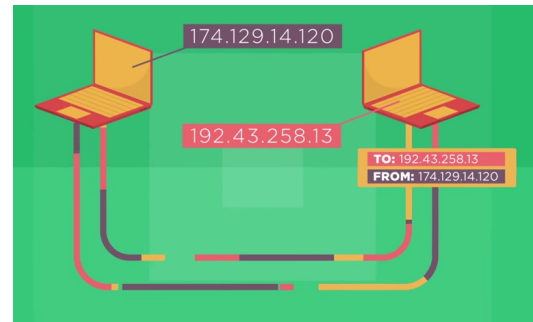


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# Worksheet - Video Guide for "IP Addresses and DNS"

1. What is an Internet Protocol (IP) address? How is it organized hierarchically?



2. How many bits are in an IPv4 address? How many IPv4 addresses does that mean there are?

3. What is the difference between IPv6 and IPv4. Why do we need IPv6?

4. What is an IP packet?

5. What is the difference between an IP address and an IP Packet?

6. What is the purpose of the Domain Name System (DNS)?

7. Optional: What is the IP address of the computer you're sitting at right now?