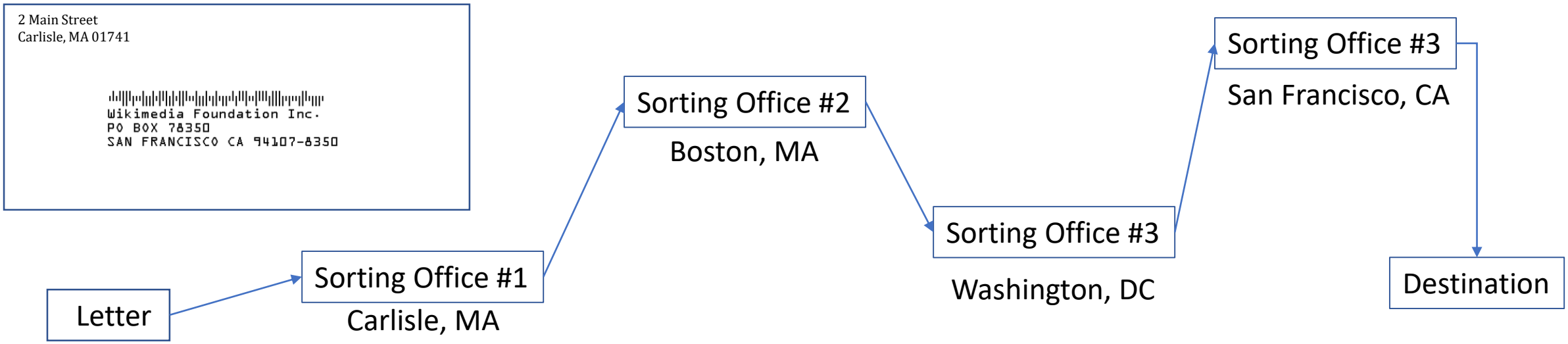
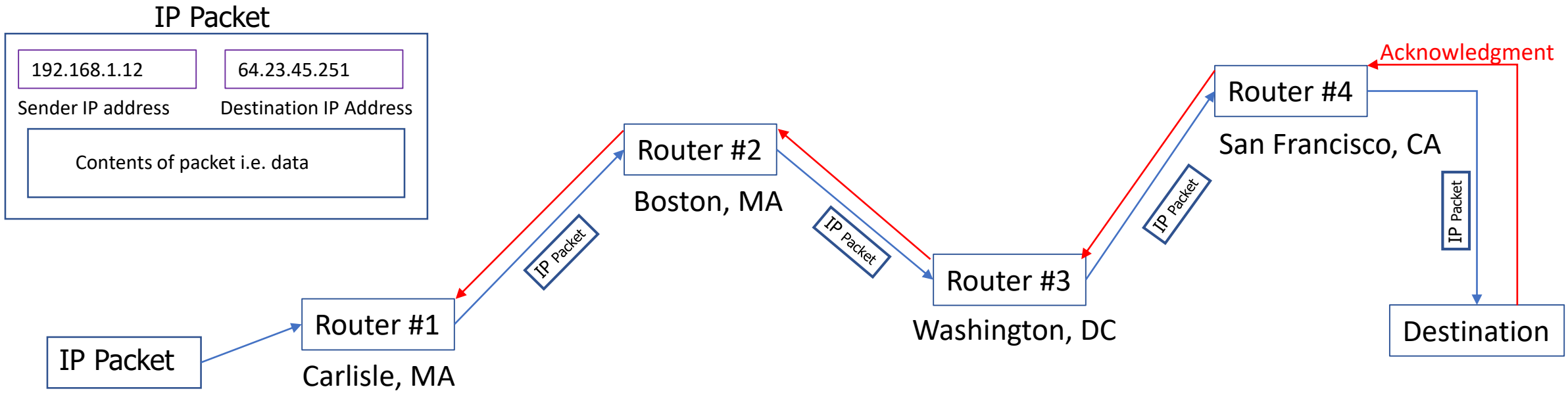
Open DNS

www.opendns.com

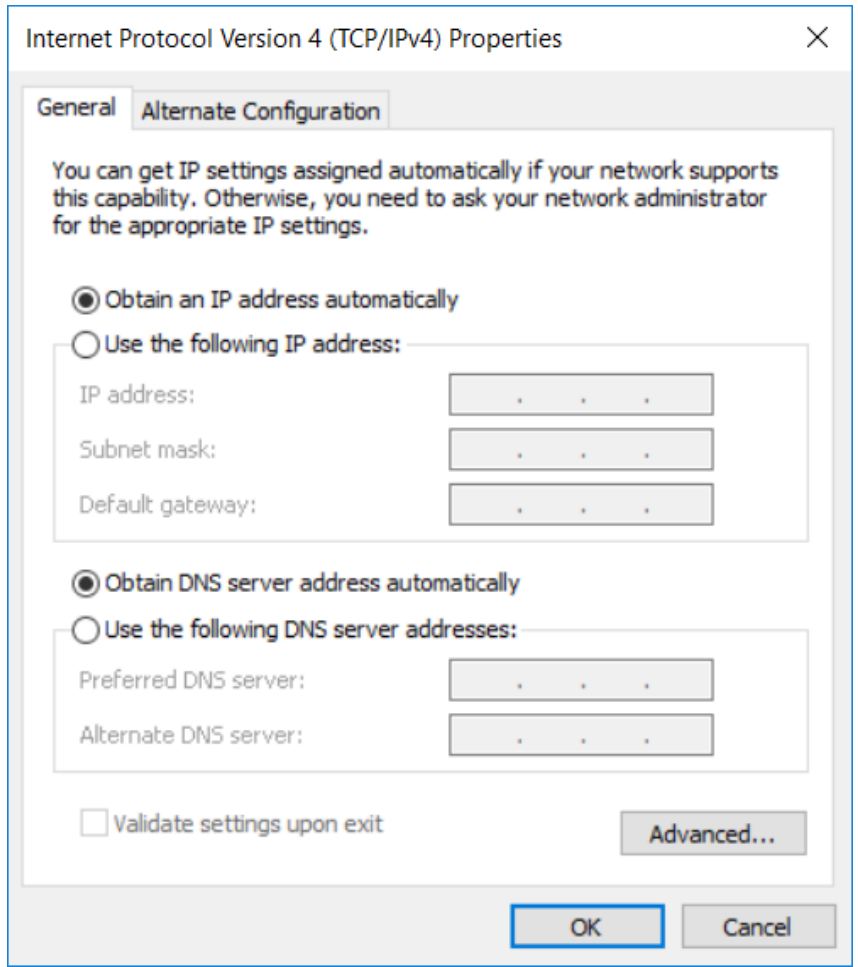
Paul McCormack

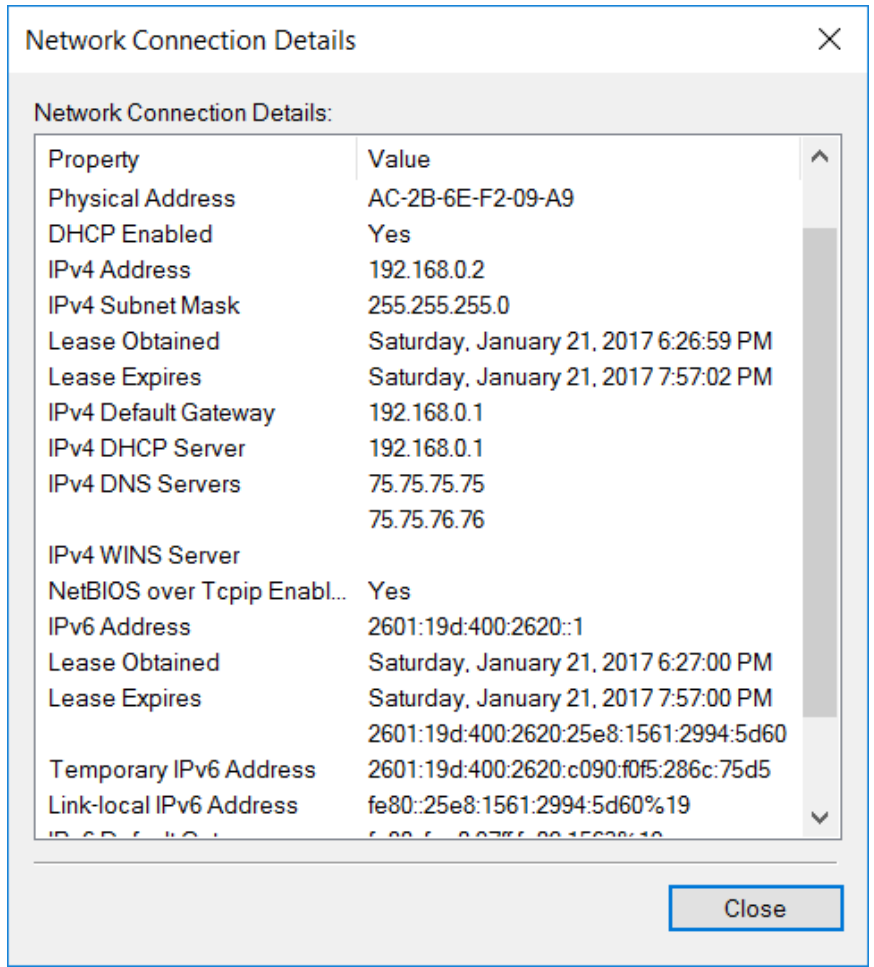

2 Main Street
Carlisle, MA 01741
Wikimedia Foundation Inc.
P0 B0X 78350
SAN FRANCISC0 CA 94107-8350
Letter
Sorting Office #1
Carlisle, MA
Sorting Office #2
Boston, MA
Sorting Office #3
Washington, DC
Sorting Office #3
San Francisco, CA
Destination


IP Packet
192.168.1.12
64.23.45.251
Sender IP address
Destination IP Address
Contents of packet i.e. data
IP Packet
Router #1
Carlisle, MA
Router #2
Boston, MA
Router #3
Washington, DC
Router #4
San Francisco, CA
Destination
Acknowledgment
IP Packet
IP Packet
IP Packet
IP Packet

Question:
How does your computer know the destination IP address when you try to connect to a website such as www.abc.com ?

Answer:
Your computer uses a database called a Domain Name Server (DNS) to convert the web address into an IP number. The Domain Name Server is provided by your service provider such as Comcast or Verizon.



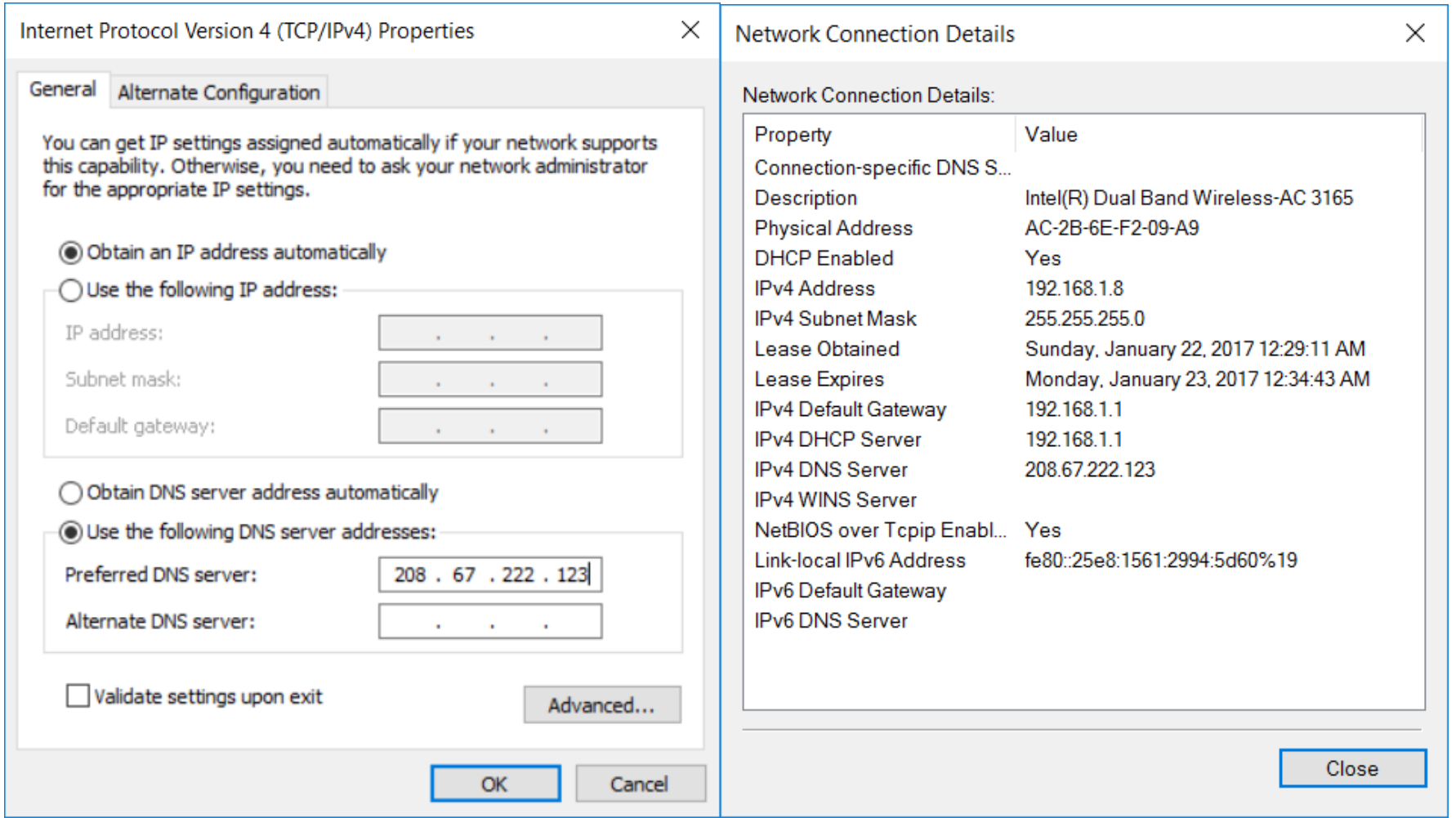


Question:
What is Open DNS?

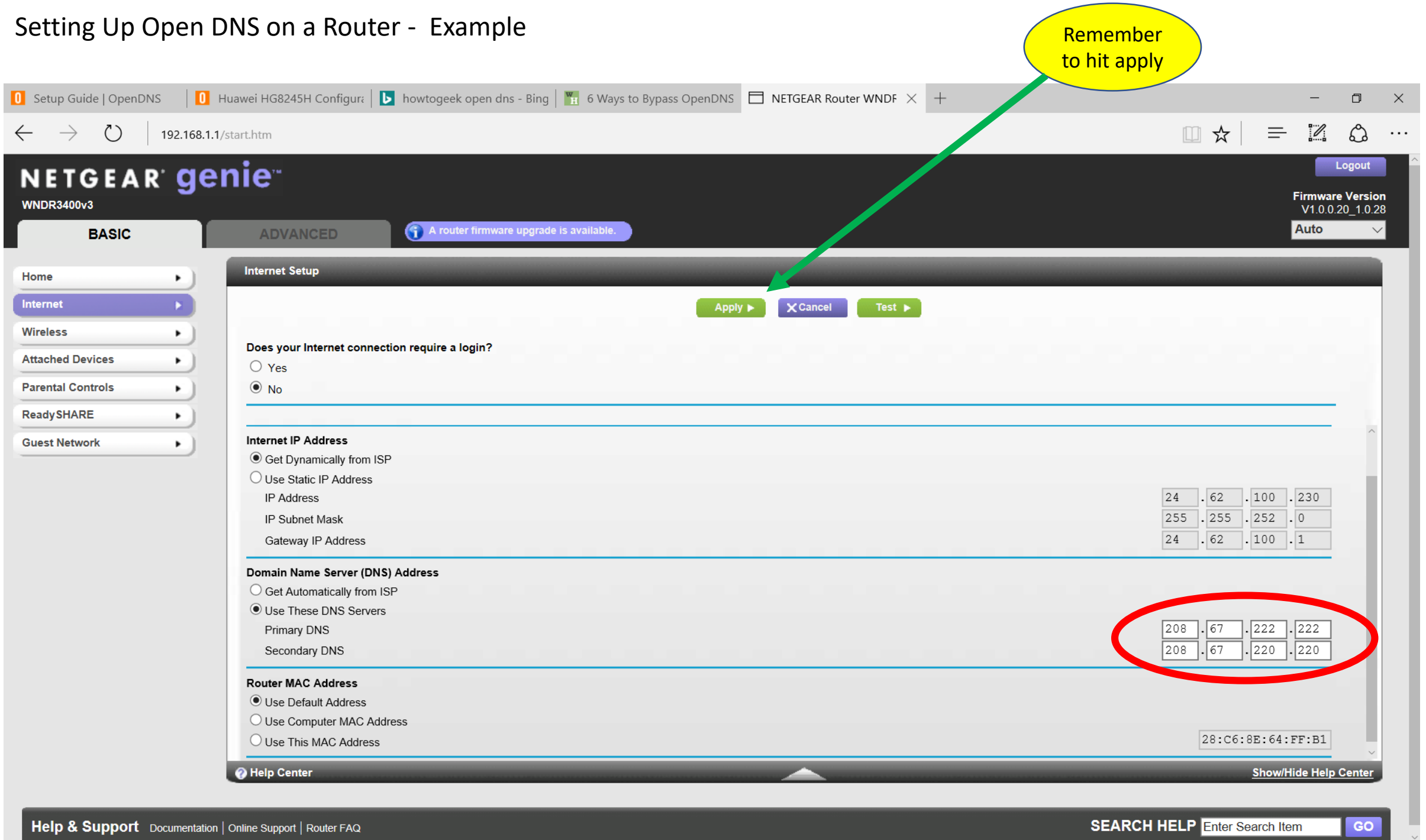
Answer:
Open DNS is a domain name sever that anyone you can use instead of the one provided by your service provider

Question:
Why use Open DNS?

Answer:
Open DNS allows you to filter which website addresses gets convert to an IP number.



Setting Up Open DNS on a Router - Example



Some common sense tips

1. Place computers in open spaces such as a kitchen or den
2. No computers allowed in bedrooms
3. Turn off the WIFI automatically at a certain time every night
4. If you own the device (smart phone, computer, etc) it your responsibility to monitor the activity on the device especially for a minor – you need to know the passwords. If you are not in control, then your kids are in control.
5. Let users know that the network is being monitored
6. Monitor the history on your browser. Disable the ability to turn off the history archive.

Need Help?

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