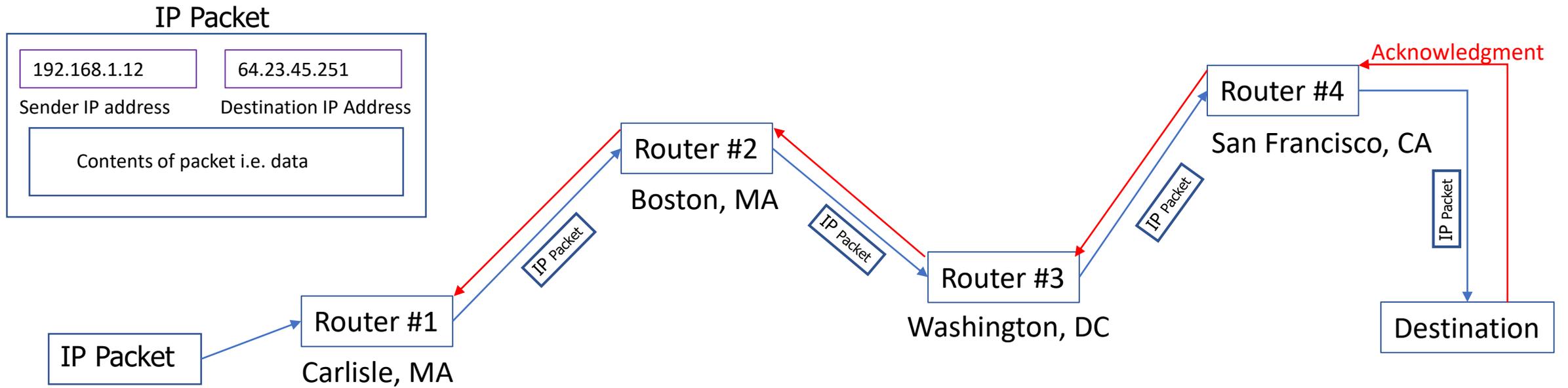
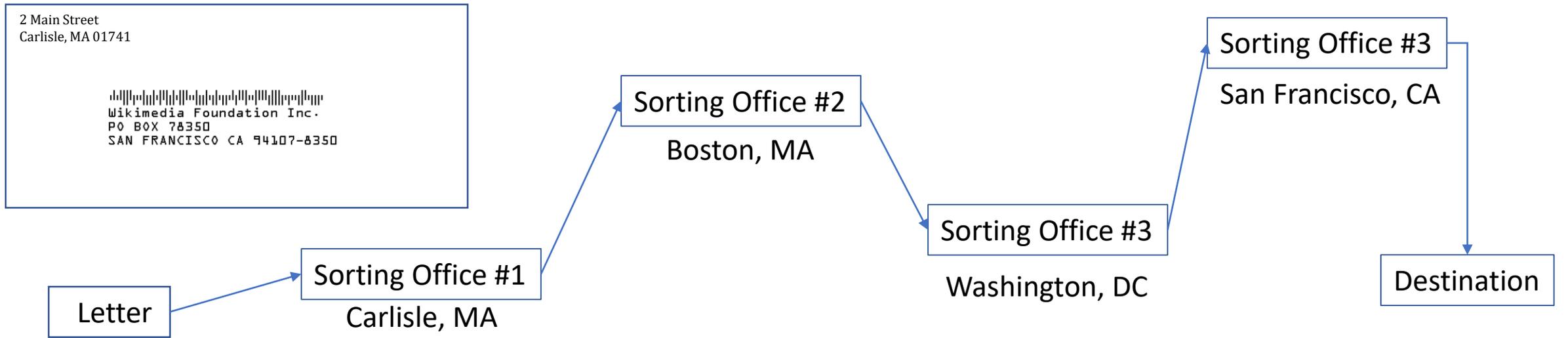


Open DNS

www.opendns.com

Paul McCormack

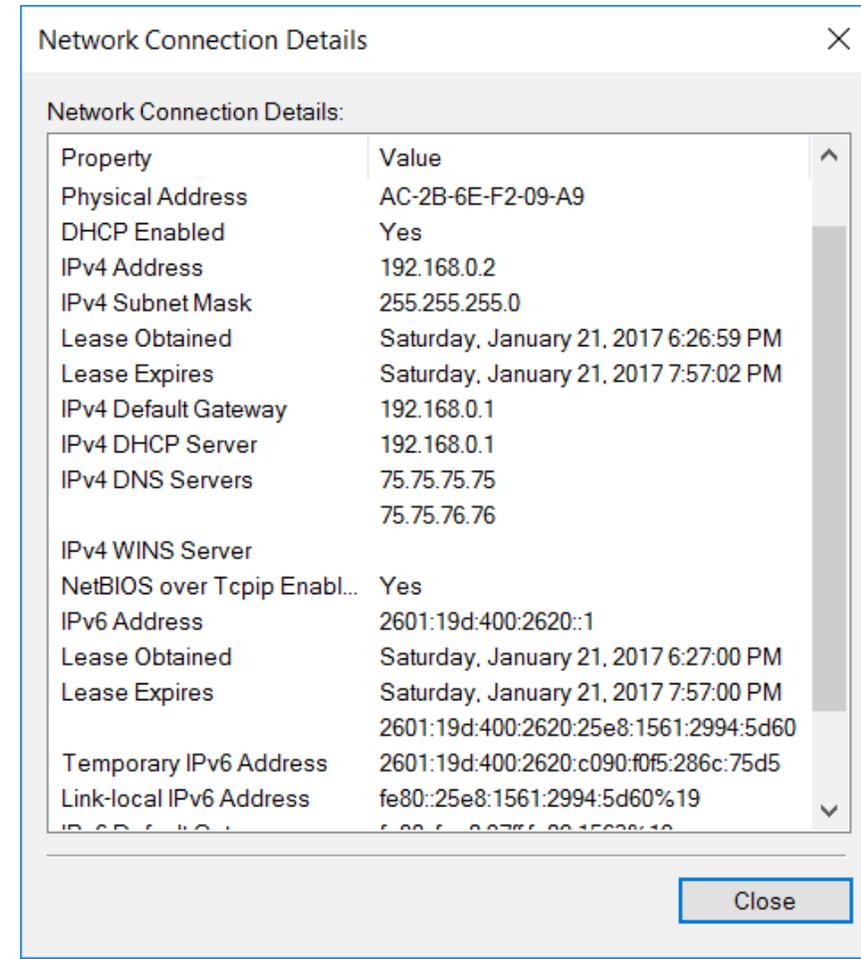
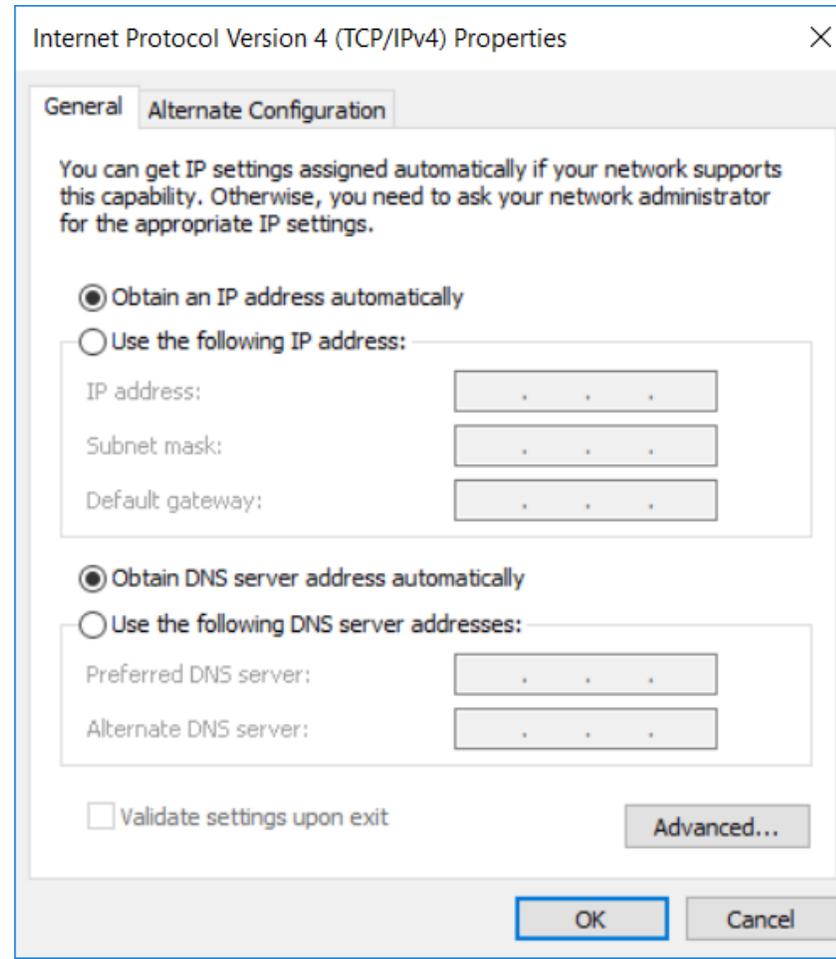


Question:

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 server 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.

The image shows two overlapping Windows network configuration windows. The left window is titled "Internet Protocol Version 4 (TCP/IPv4) Properties" and is on the "Alternate Configuration" tab. It shows options for obtaining an IP address and DNS server addresses. The "Preferred DNS server" is set to 208.67.222.123. The right window is titled "Network Connection Details" and shows a table of network properties for the "Intel(R) Dual Band Wireless-AC 3165" adapter. The table lists various properties such as IP address, subnet mask, and DNS server.

Property	Value
Connection-specific DNS S...	
Description	Intel(R) Dual Band Wireless-AC 3165
Physical Address	AC-2B-6E-F2-09-A9
DHCP Enabled	Yes
IPv4 Address	192.168.1.8
IPv4 Subnet Mask	255.255.255.0
Lease Obtained	Sunday, January 22, 2017 12:29:11 AM
Lease Expires	Monday, January 23, 2017 12:34:43 AM
IPv4 Default Gateway	192.168.1.1
IPv4 DHCP Server	192.168.1.1
IPv4 DNS Server	208.67.222.123
IPv4 WINS Server	
NetBIOS over Tcpi... Enabl...	Yes
Link-local IPv6 Address	fe80::25e8:1561:2994:5d60%19
IPv6 Default Gateway	
IPv6 DNS Server	

Setting Up Open DNS on a Router - Example

Remember to hit apply

NETGEAR genie™
WNDR3400v3

Logout
Firmware Version V1.0.0.20_1.0.28
Auto

BASIC | **ADVANCED** | A router firmware upgrade is available.

Home | **Internet** | Wireless | Attached Devices | Parental Controls | ReadySHARE | Guest Network

Internet Setup

Apply | **Cancel** | **Test**

Does your Internet connection require a login?
 Yes
 No

Internet IP Address
 Get Dynamically from ISP
 Use Static IP Address
IP Address: 24 . 62 . 100 . 230
IP Subnet Mask: 255 . 255 . 252 . 0
Gateway IP Address: 24 . 62 . 100 . 1

Domain Name Server (DNS) Address
 Get Automatically from ISP
 Use These DNS Servers
Primary DNS: 208 . 67 . 222 . 222
Secondary DNS: 208 . 67 . 220 . 220

Router MAC Address
 Use Default Address
 Use Computer MAC Address
 Use This MAC Address
28:C6:8E:64:FF:B1

Help Center | Show/Hide Help Center

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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