# CSCI 466: Networks

Putting it all together

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#### **Announcements**

#### Quiz 4 on Friday (no lecture)

- IP Addresses
- Subnets
- NAT
- Routing (LS, DV, OSPF, BGP)
- Link Layer
- Mac Addresses
- Multiple Access Protocols
- ARP
- Ethernet
- Switches

Wireshark Lab 3 due on Monday (10/21)

### **Application Layer**

**Presentation Layer** 

**Session Layer** 

**Transport Layer** 

**Network Layer** 

**Data Link Layer** 

**Physical Layer** 



#### **Application Layer**

Messages from Network Applications



## **Physical Layer**

Bits being transmitted over a copper wire

\*In the textbook, they condense it to a 5-layer model, but 7 layers is what is most used

### **Application Layer**

**Presentation Layer** 

**Session Layer** 

**Transport Layer** 

**Network Layer** 

**Data Link Layer** 

**Physical Layer** 



#### **Application Layer**

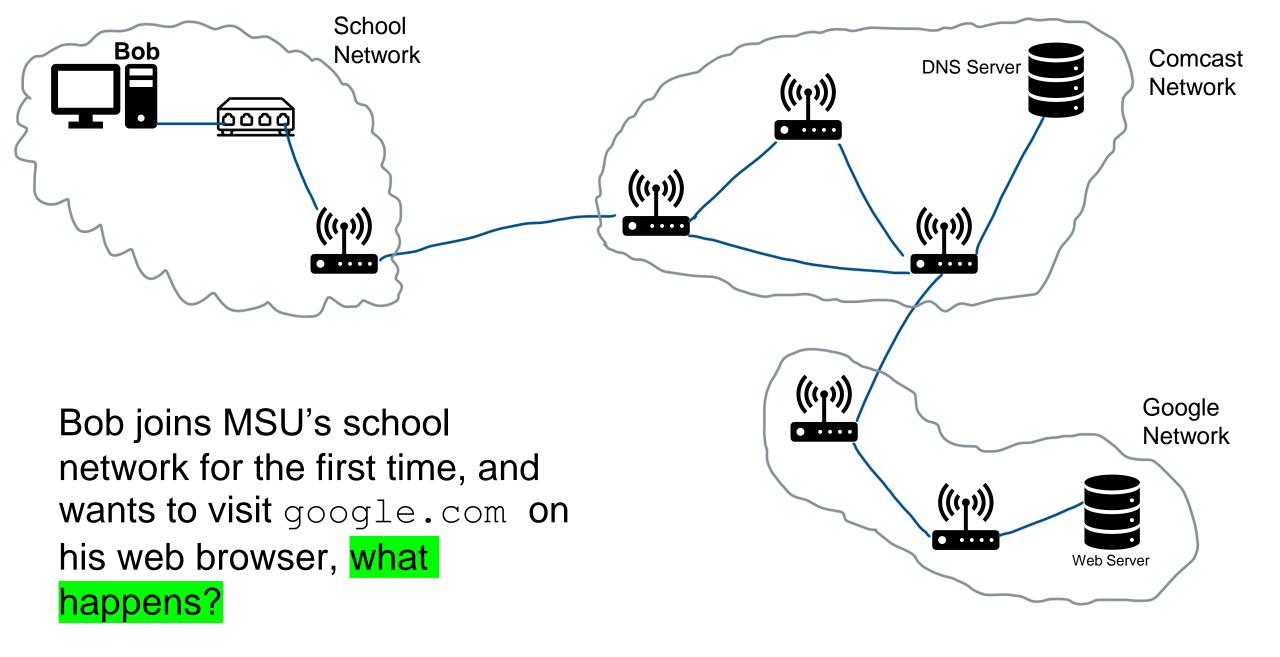
Messages from Network Applications

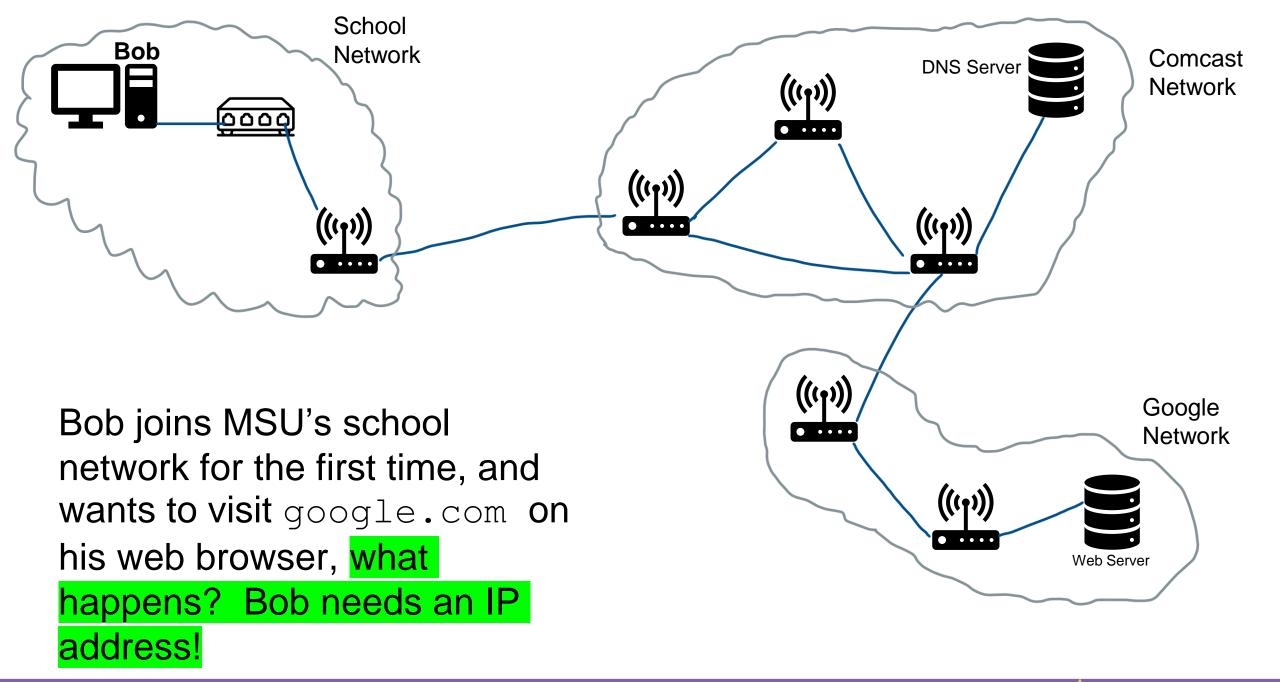
We will cover these briefly in the coming weeks

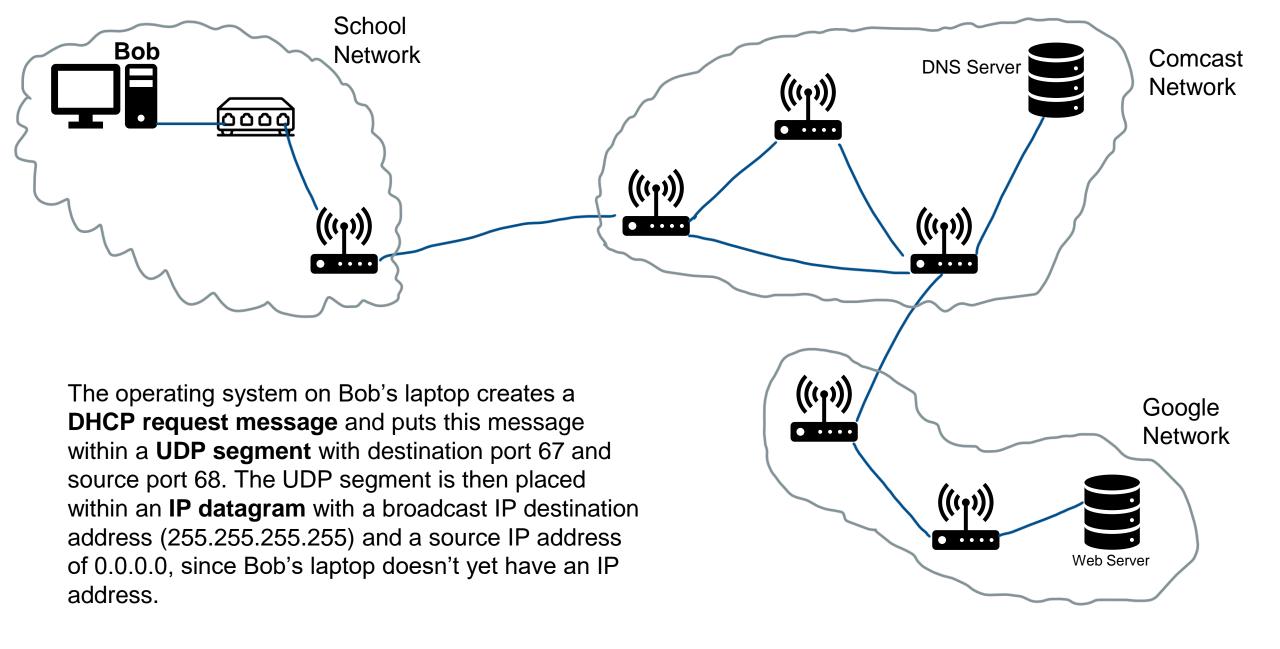


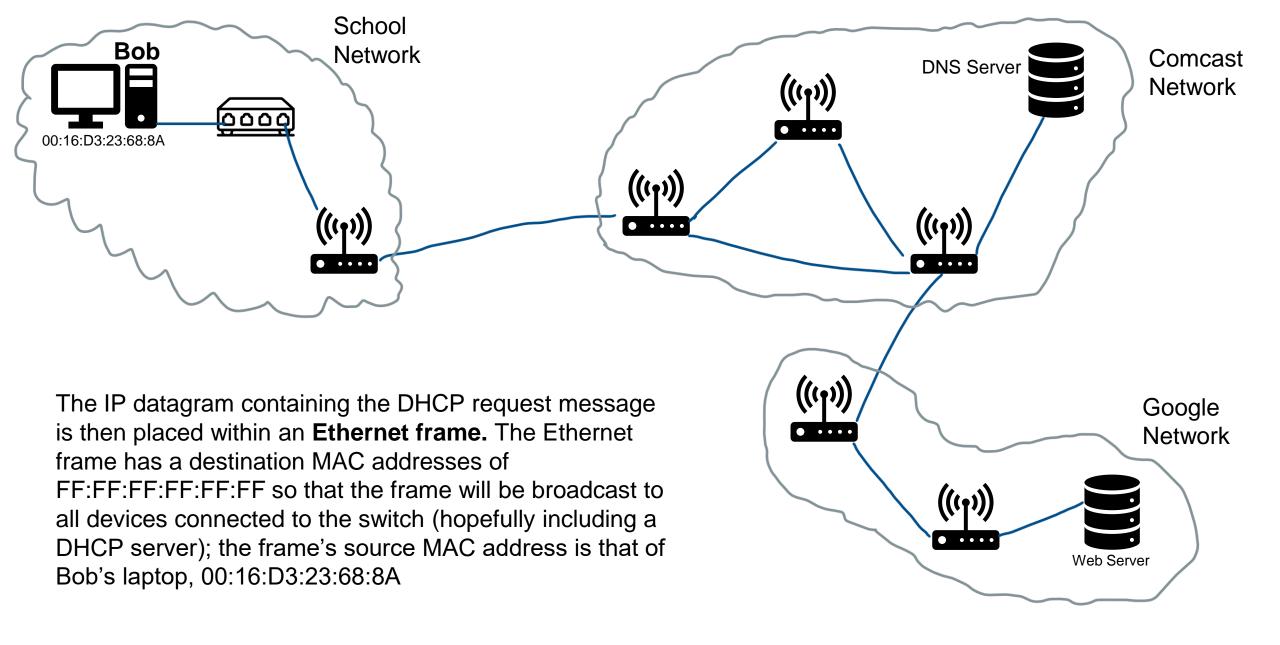
Bits being transmitted over a copper wire

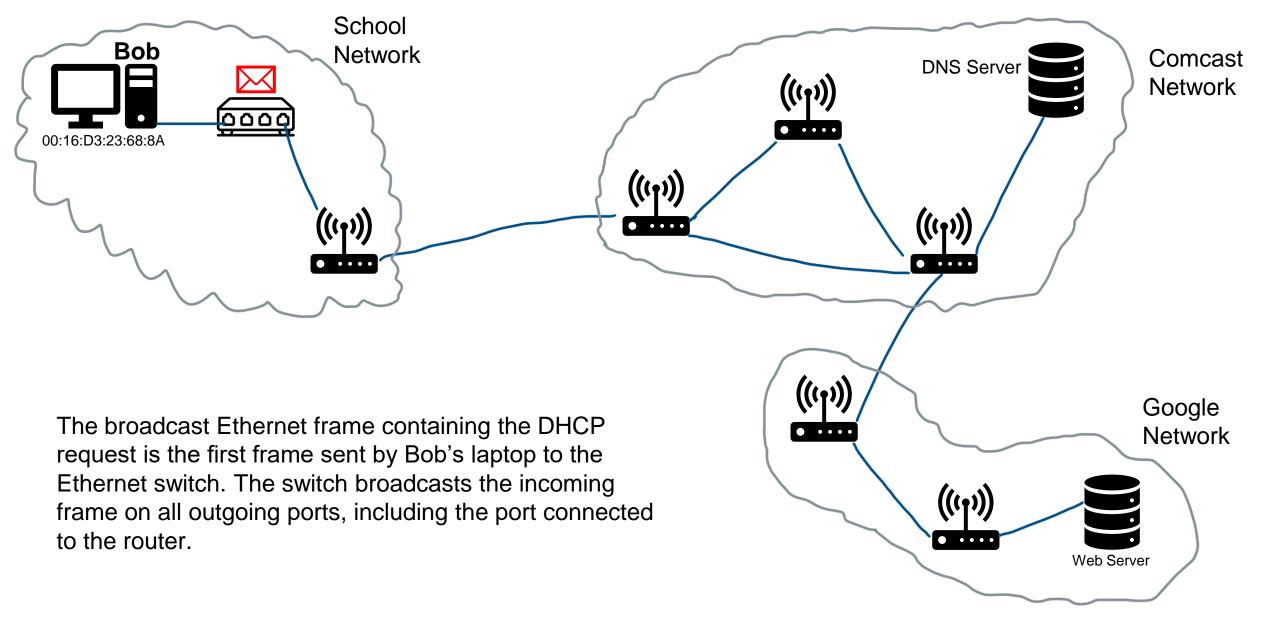
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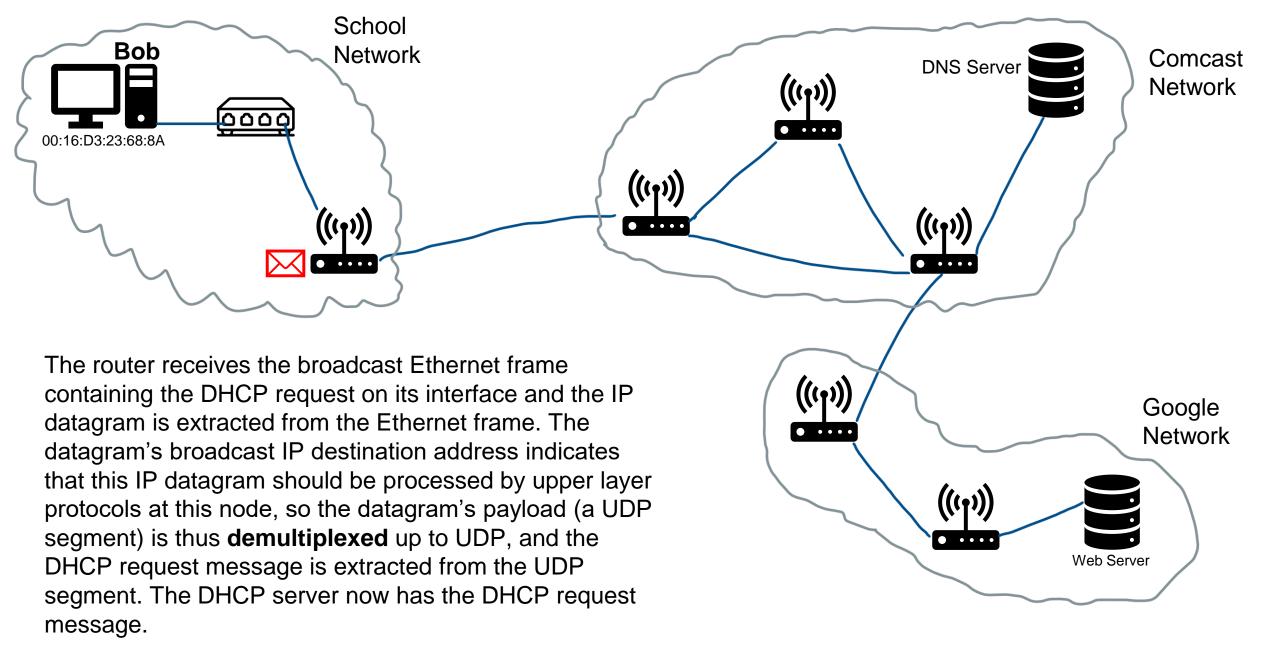


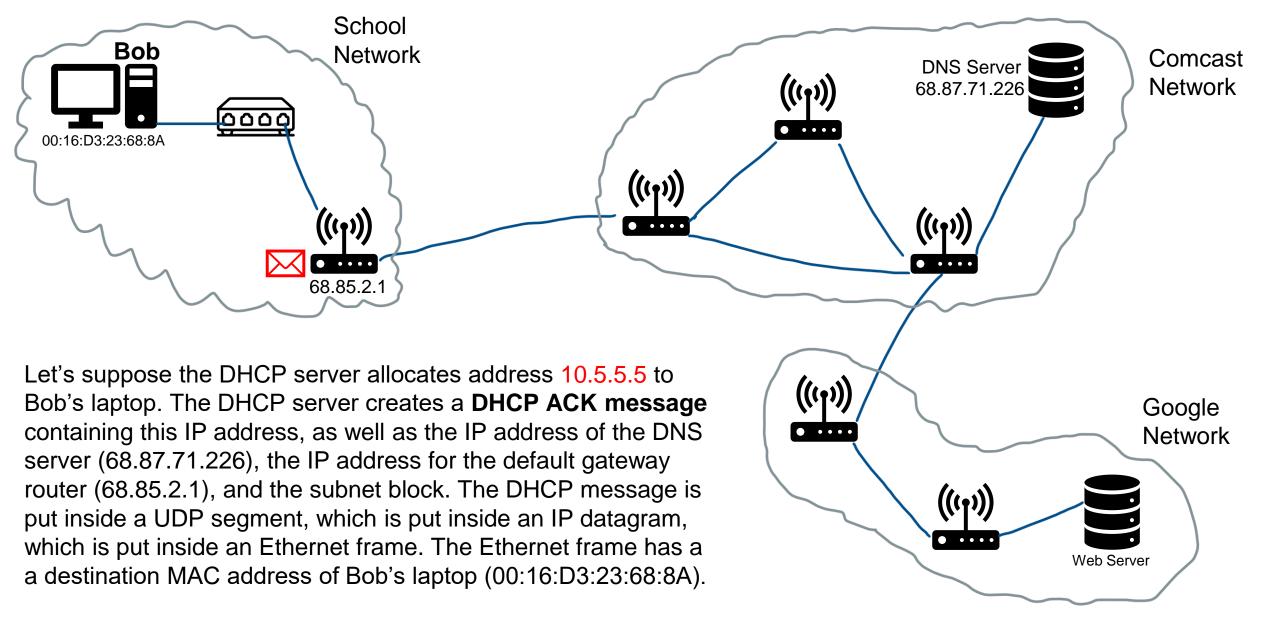


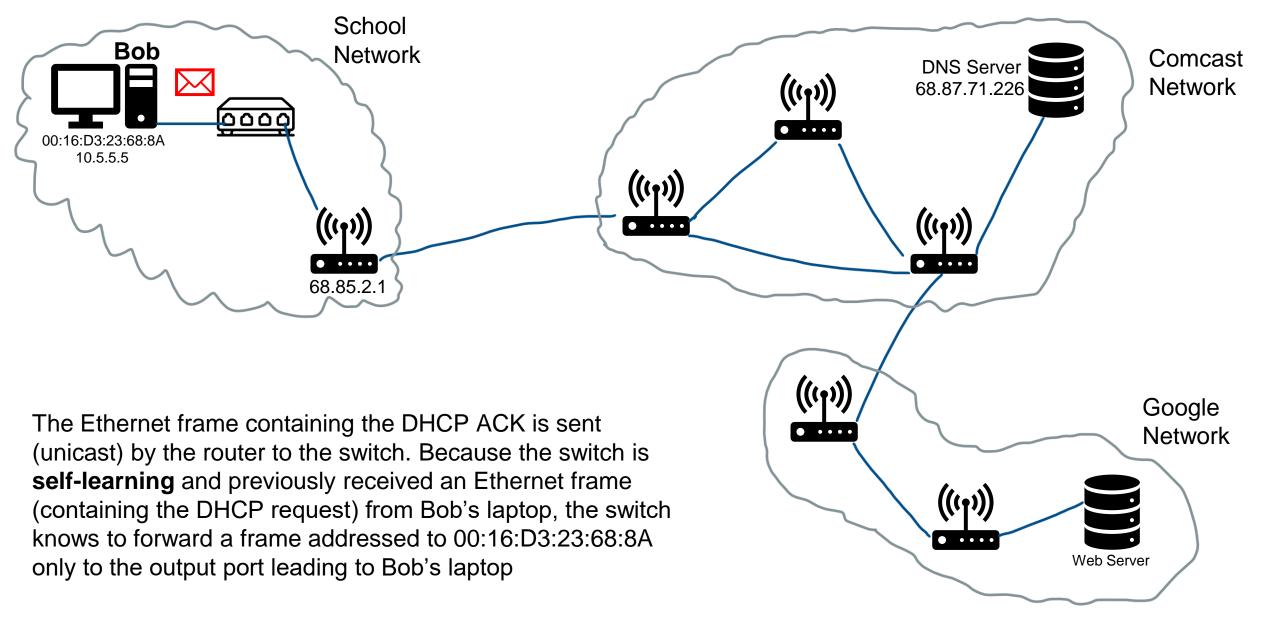


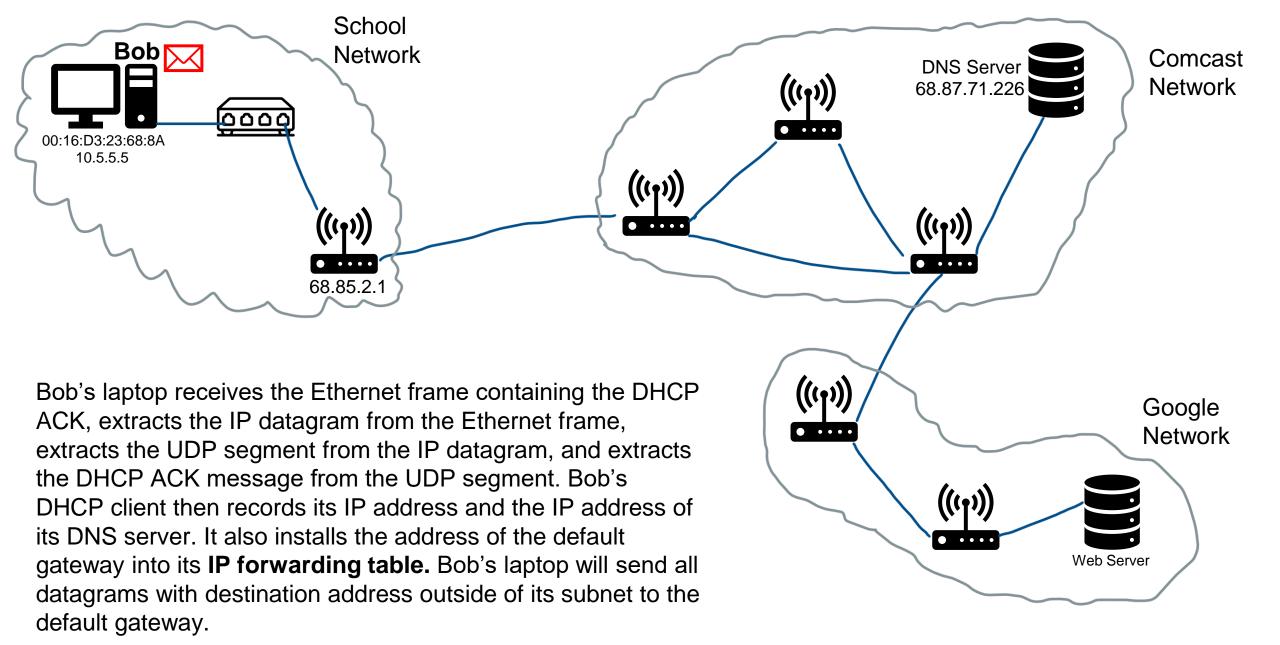


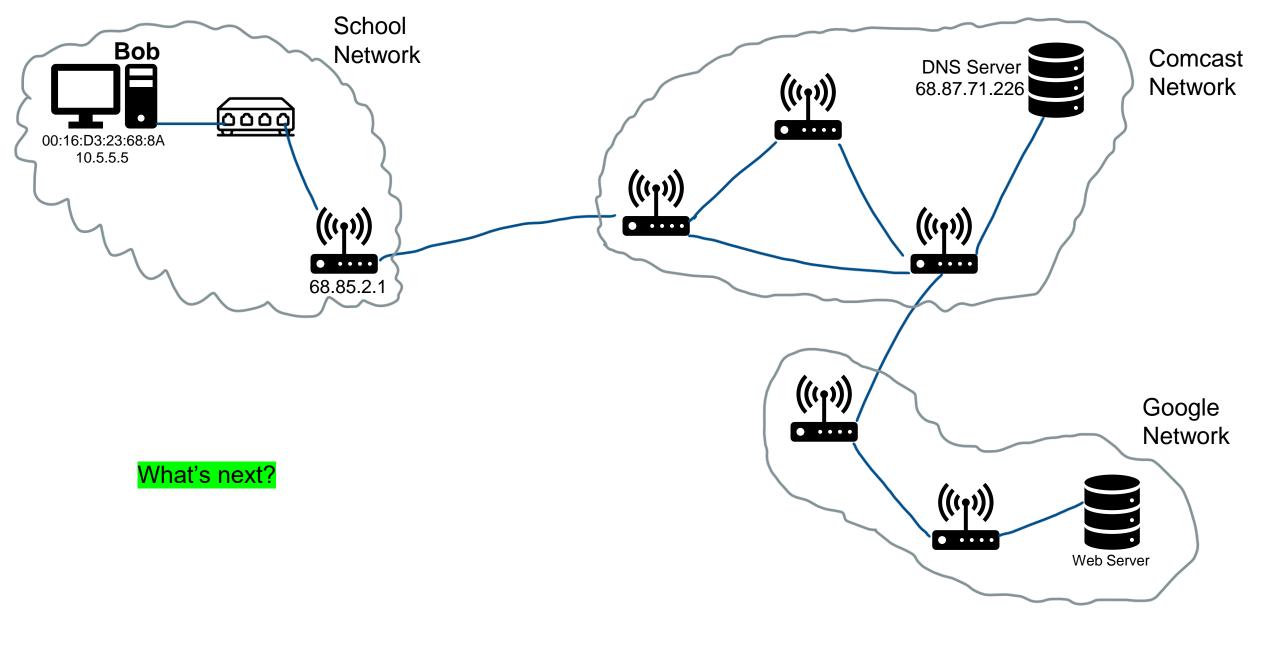


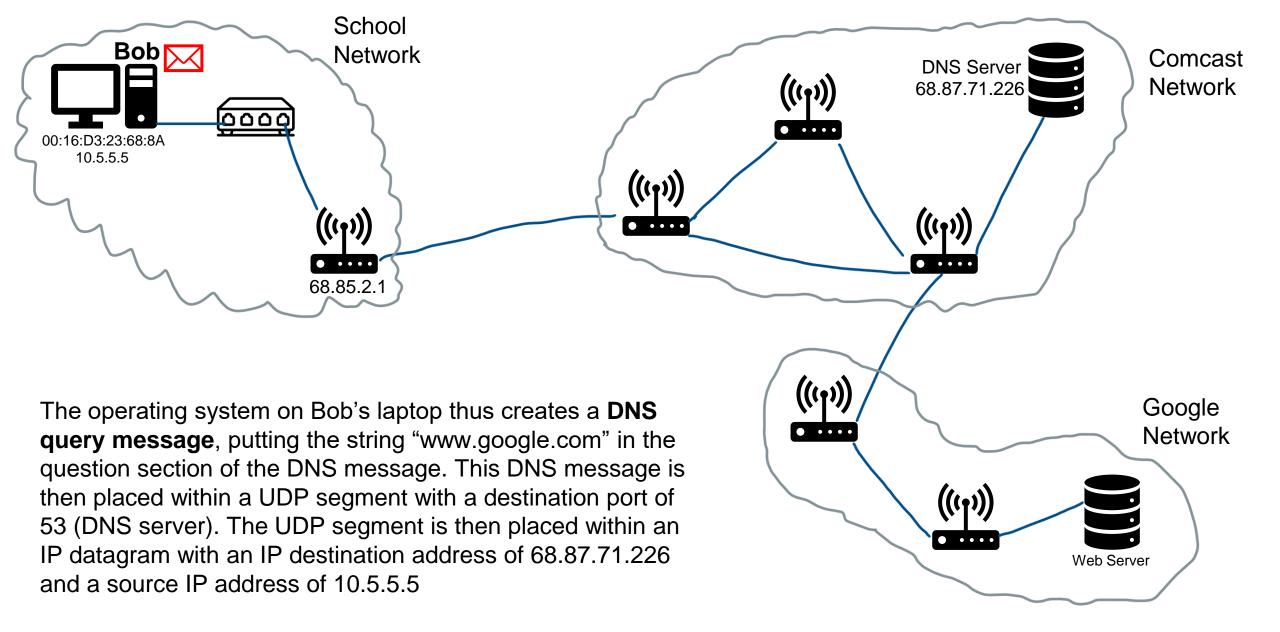


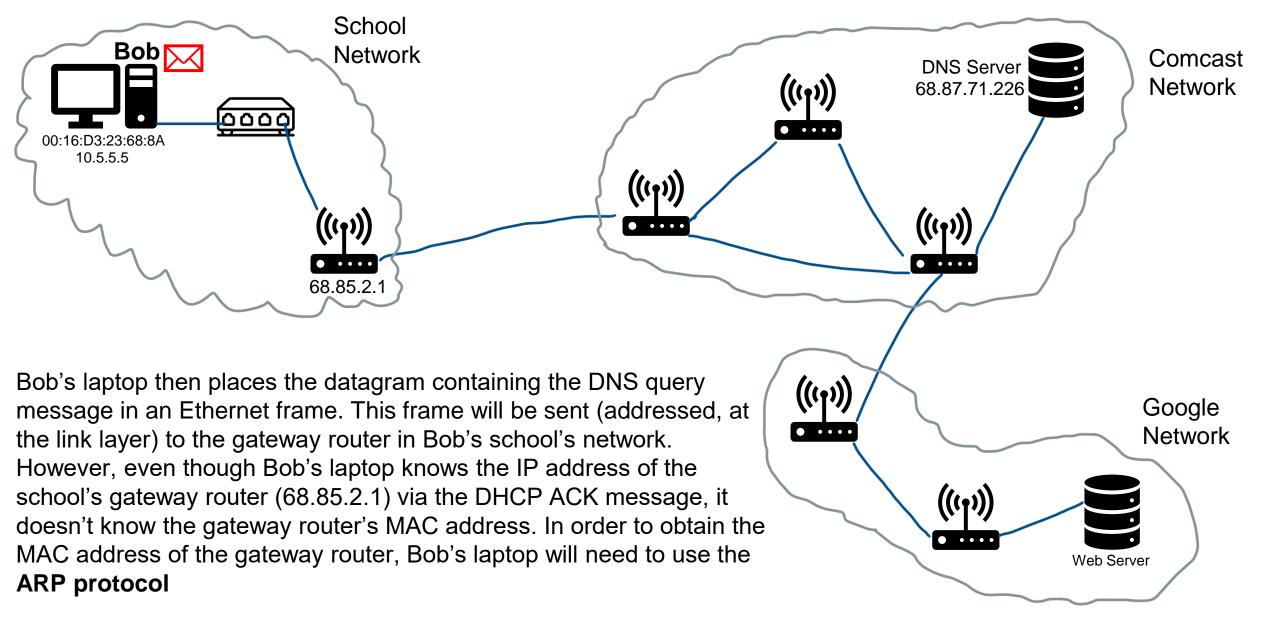


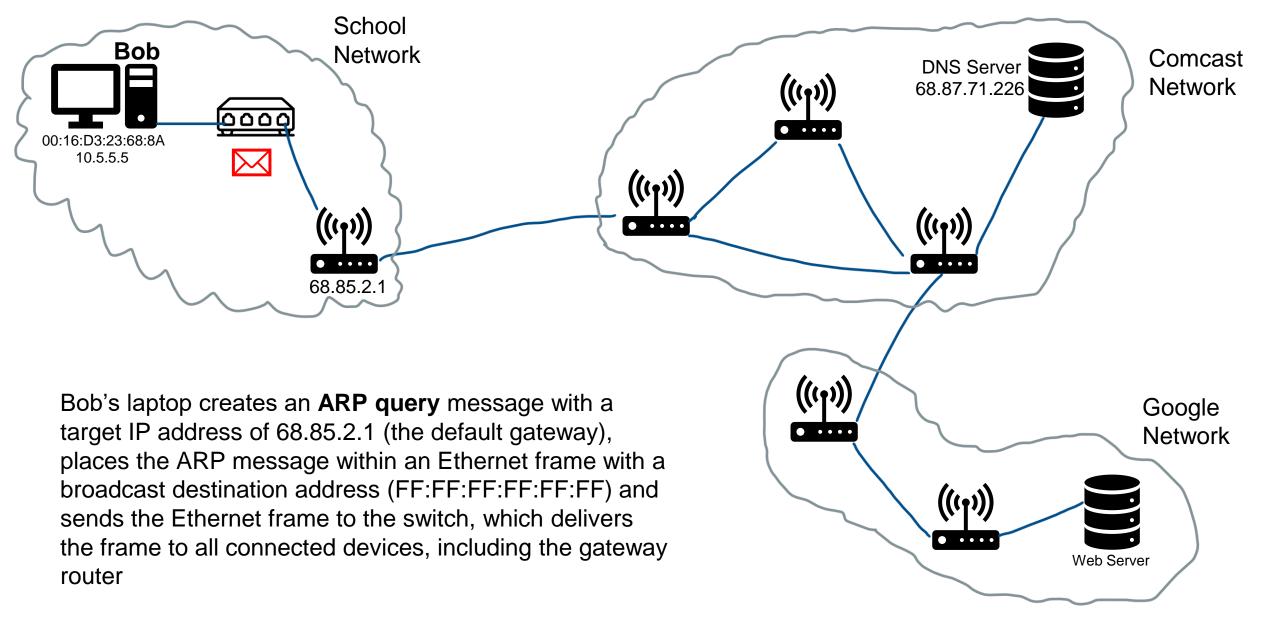


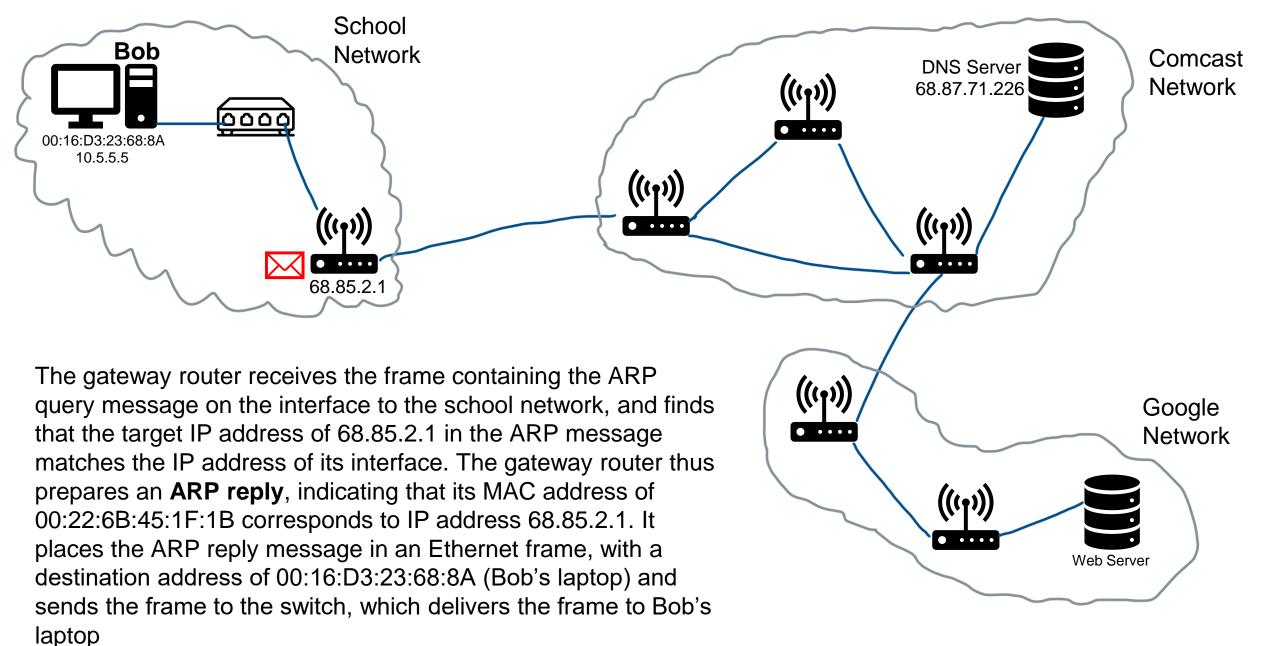


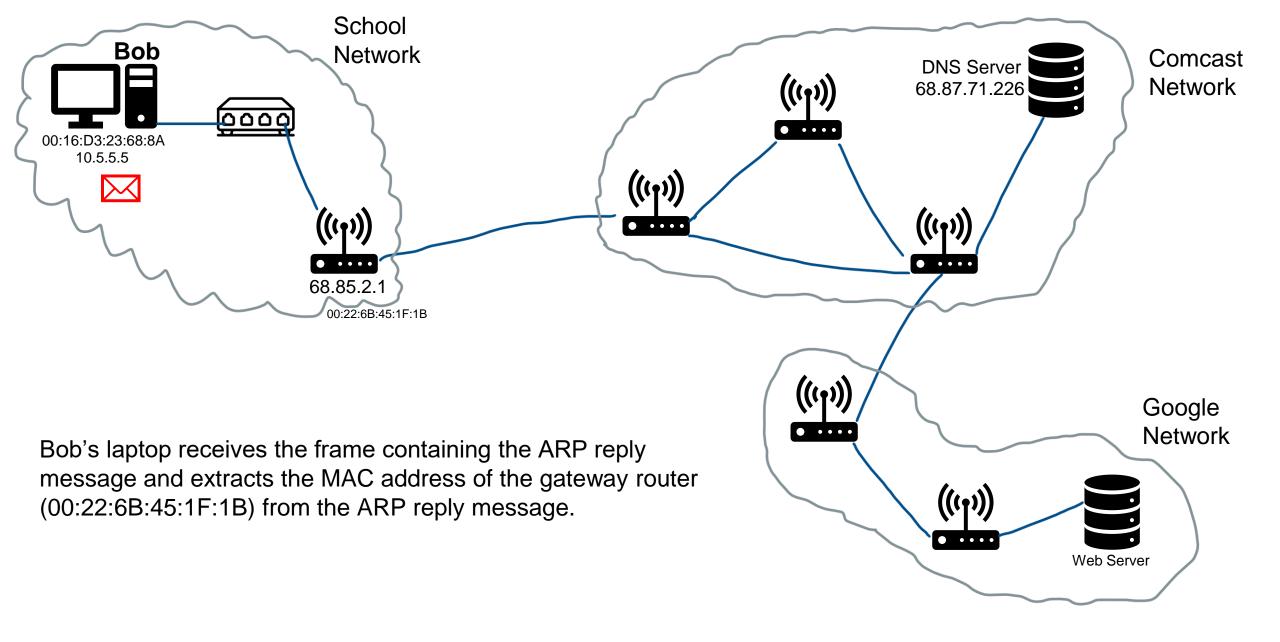


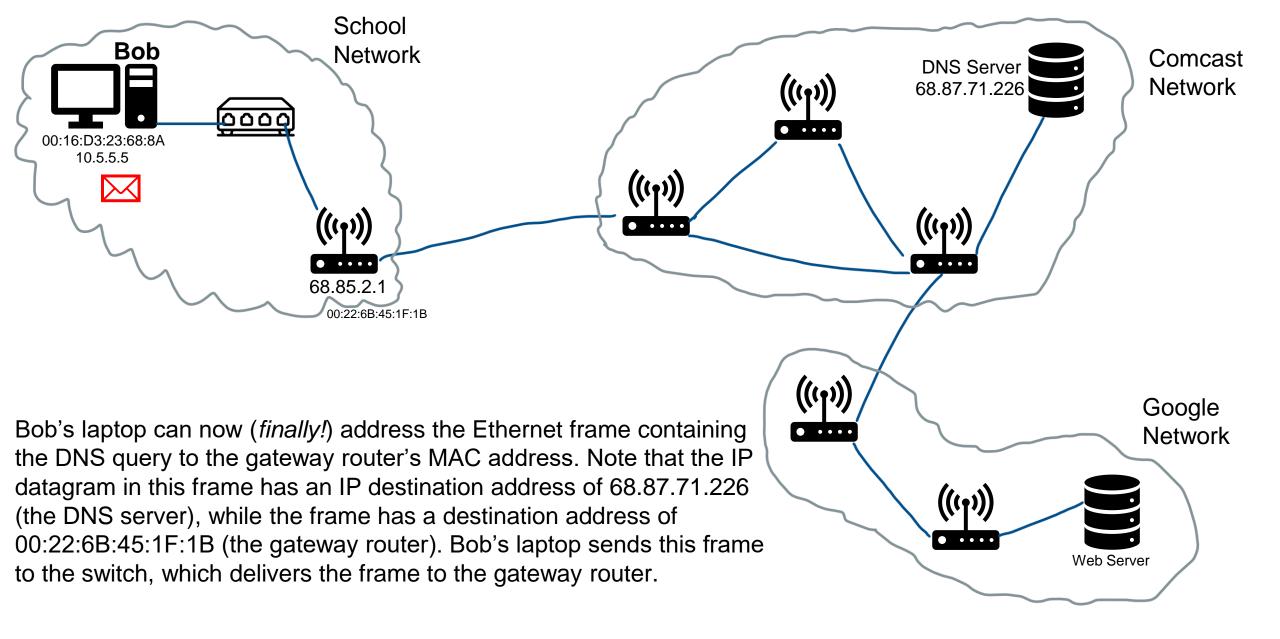


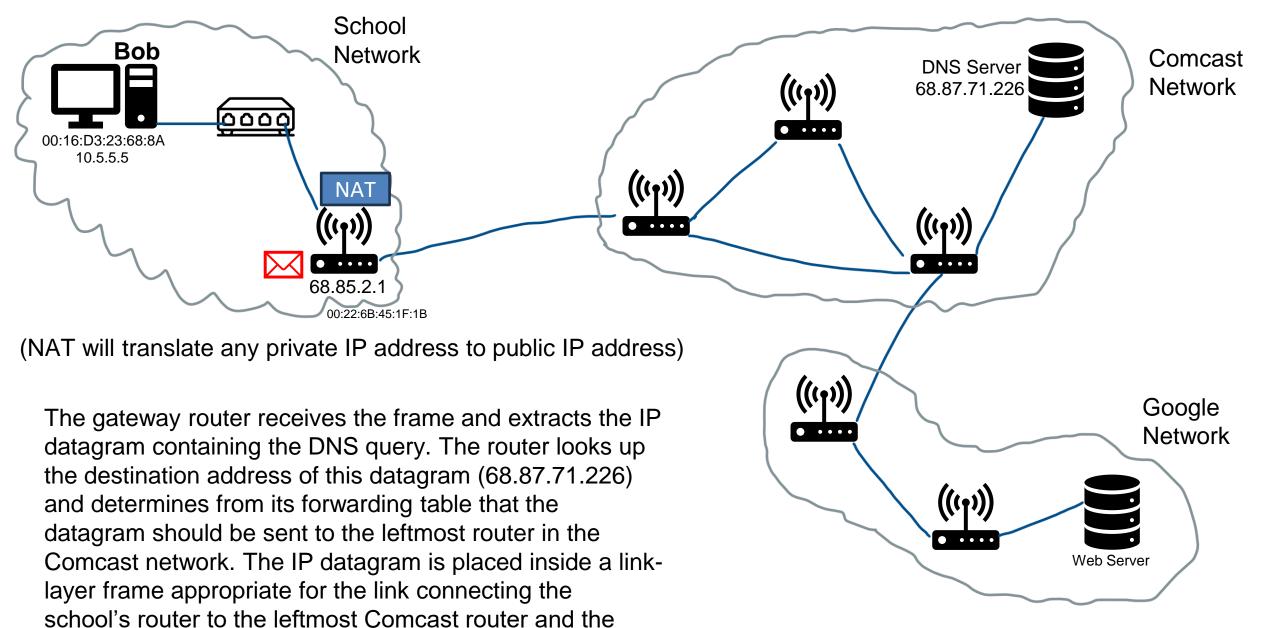












frame is sent over this link.

