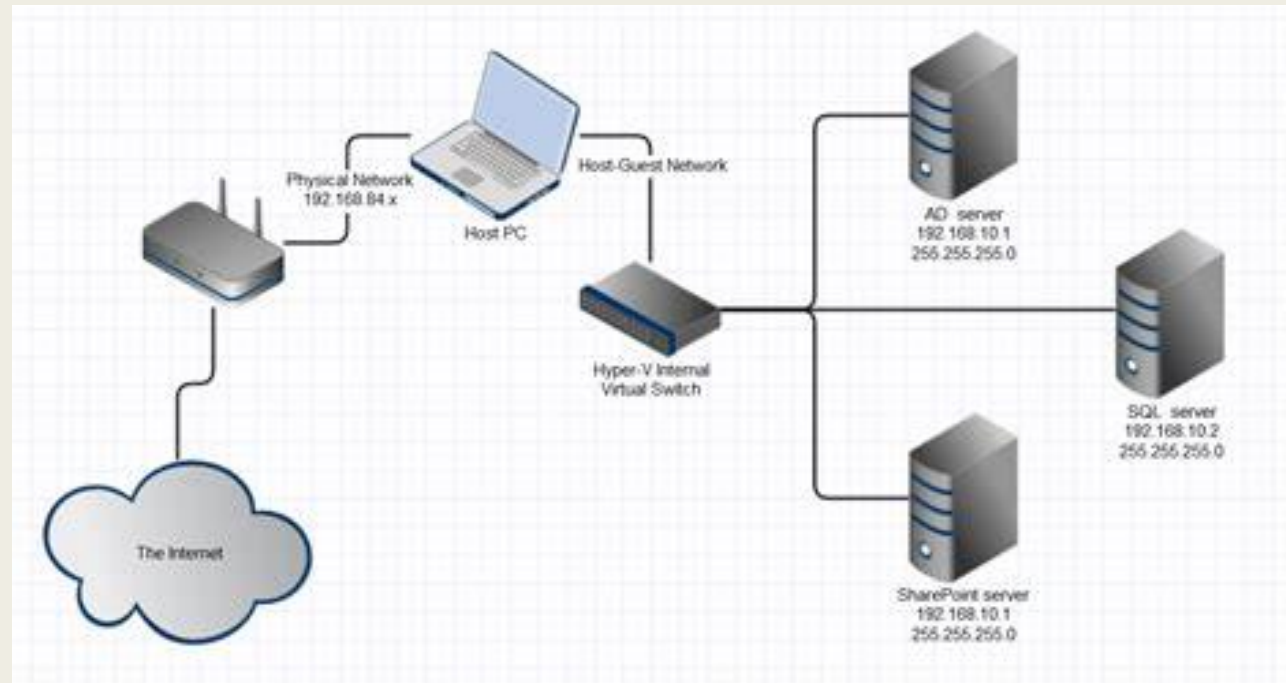


The image features two large, thick black L-shaped corner brackets. One is positioned in the top-left corner, and the other is in the bottom-right corner, framing the central text.

# HOW THE INTERNET WORKS

Study guide

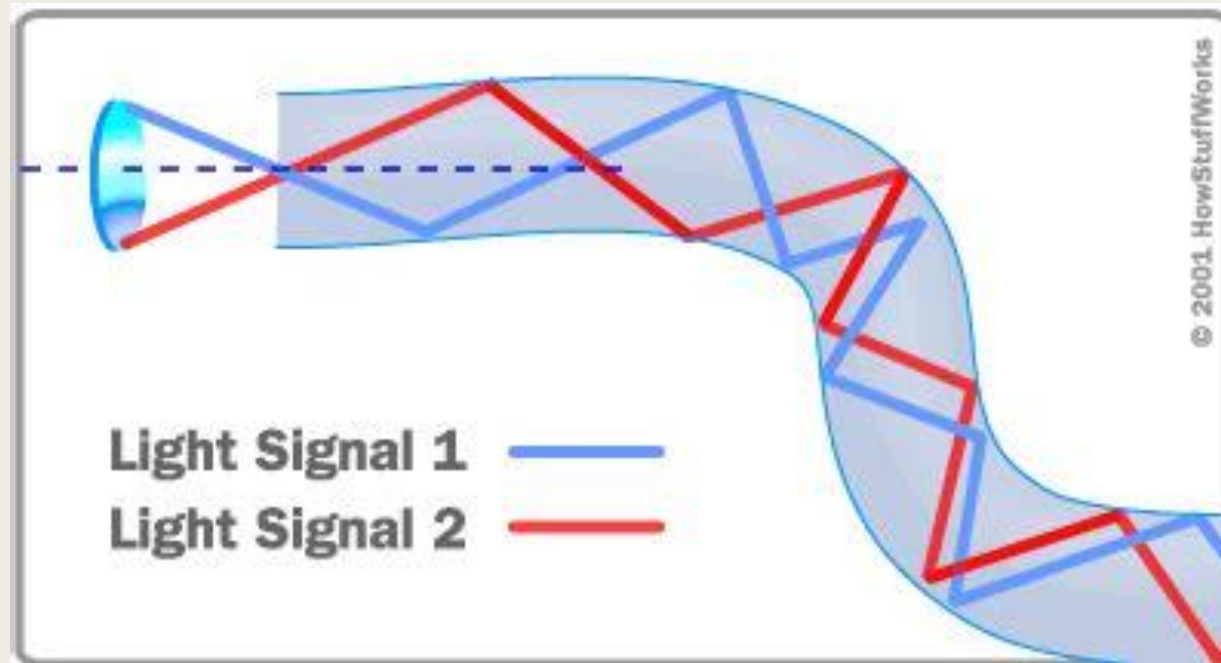
# The Internet



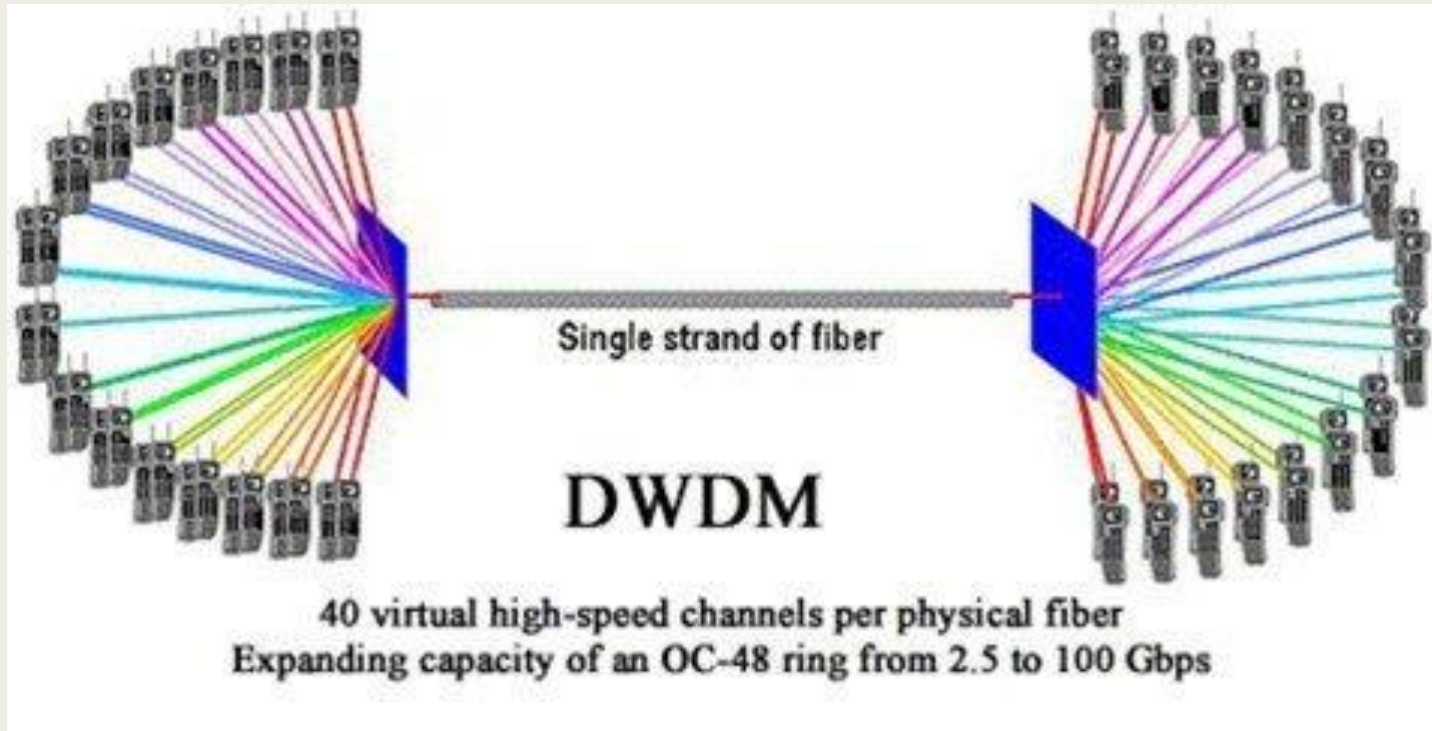
# Data Center (Nodes on the Internet)



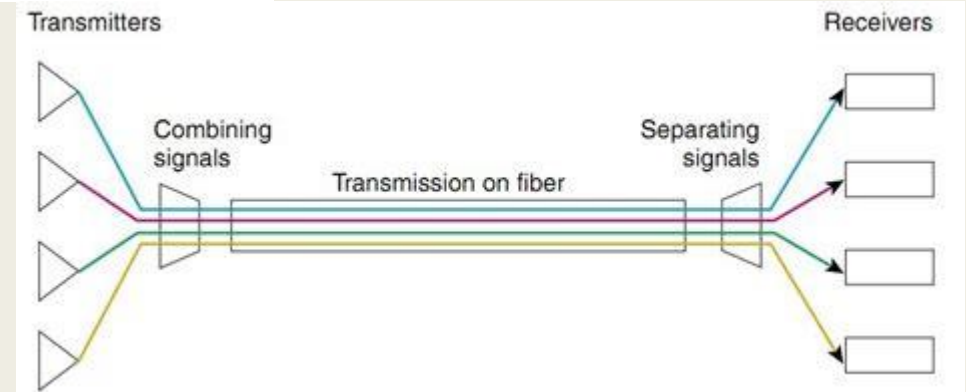
# Fiber data channels



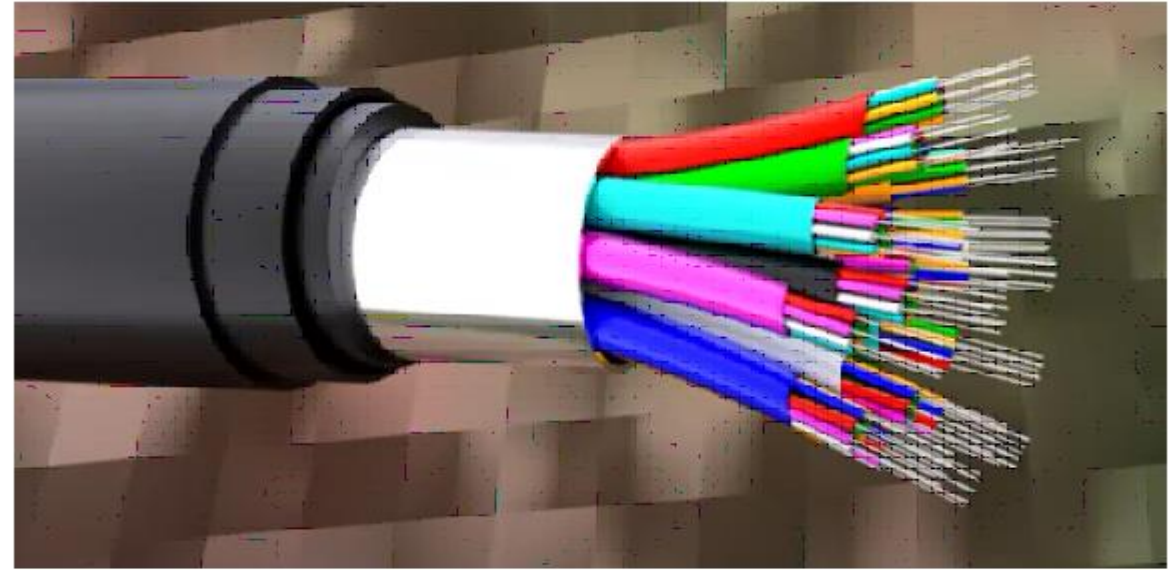
# Fiber Channels



Dense Wavelength Division Multiplexing



# Routing & Delivery



Retrieved from server ip address

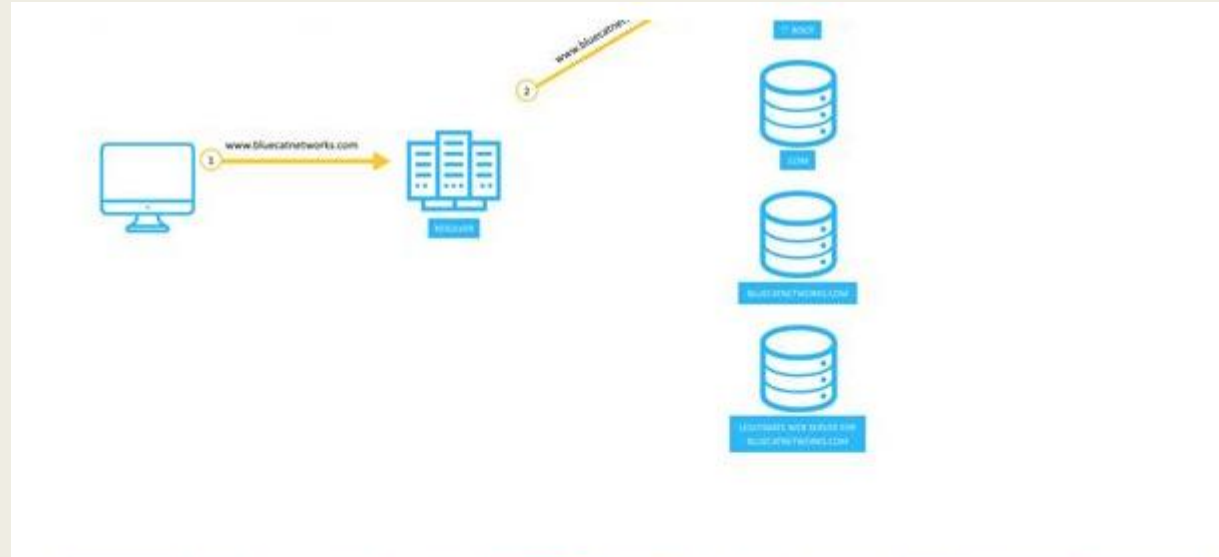
IP address in decimal form

192.168.1.100

IP address in Binary form

11000000.10101000.00000001.01100100

# DNS (Domain Name Server)



208.65.153.238 - youtube.com

66.220.149.25 - facebook.com

72.21.211.176 - amazon.com

173.0.84.3 - paypal.com

# Data types & Protocols

