

INTERNET



SERVER: A computer that provides data and services

1.92.172.3 8.8.8.8 23.2.3.49

IP: INTERNET PROTOCOL
A preset global means of communication between computers



Computers can only "talk" to each other in **Binary**

0 OR 1
ON OR OFF
one OR THE OTHER
BIT

ROUTERS: A small computer with the purpose of delivering data on to the next

Domain Name Server
8.8.8.8 209.191.88.254
↓ ↓
Google.com Yahoo.com

Data is "cut" into chunks (**packets**) to ensure all of it gets to a client

Hyper Text Transfer Protocol is the foundation for communicating data in the World Wide Web

Client



DHCP

Dynamic Host Configuration Protocol

12.3.3.4 76.8.9.2

Assigns every web browser a unique IP address

MAX: 4,294,967,296 (IPv4)