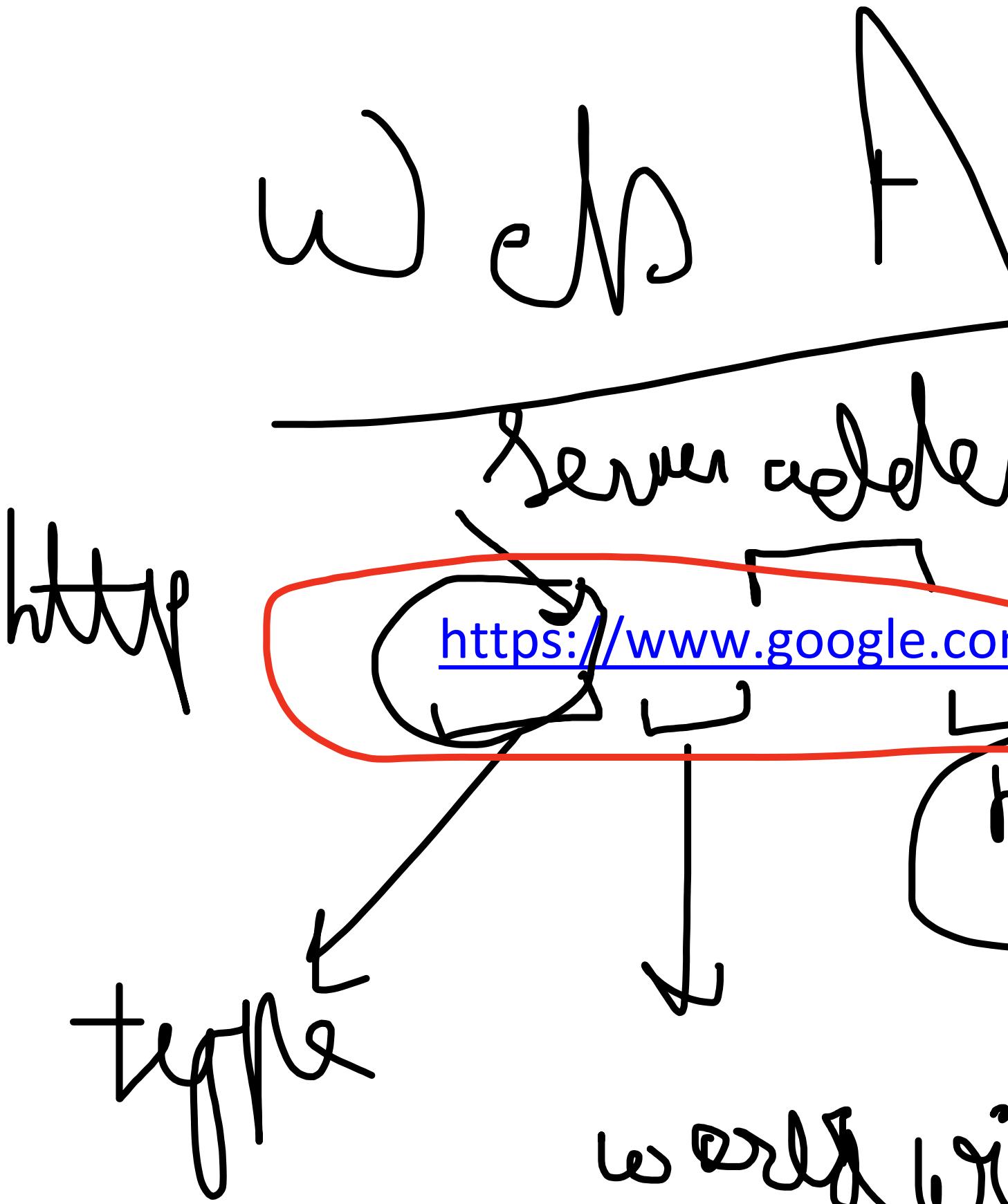


Wednesday, 5 August 2020

3:38 PM



address

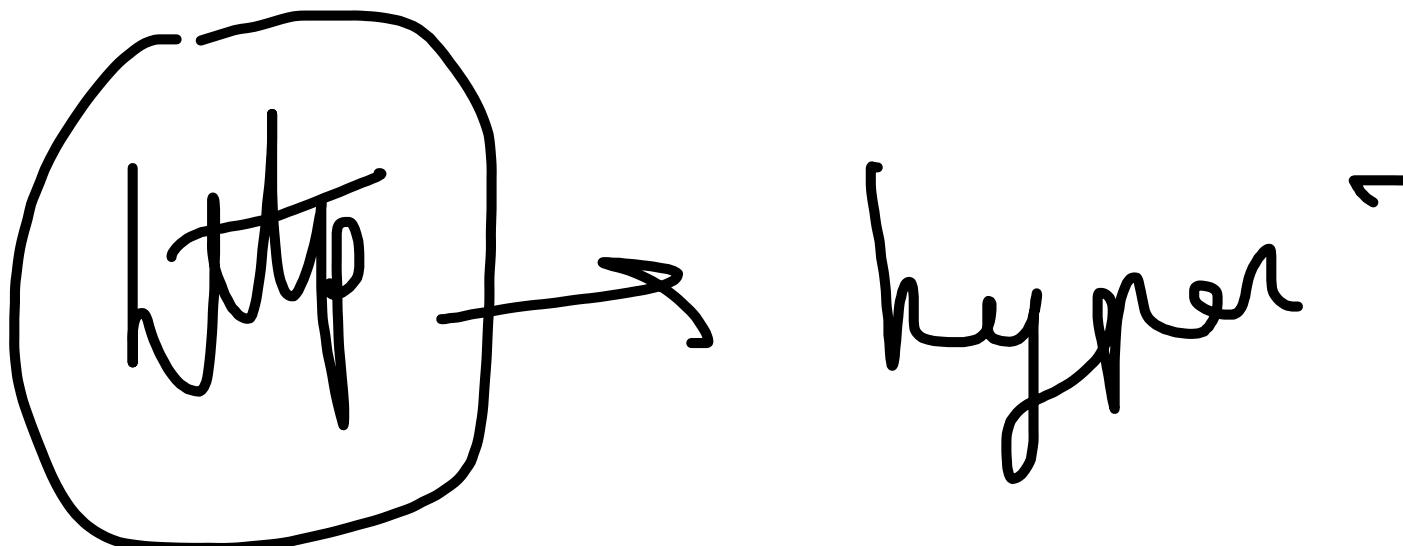
host

the web:

URL

Uniform
Resource

2



host Name →

Text Transfer Prot.

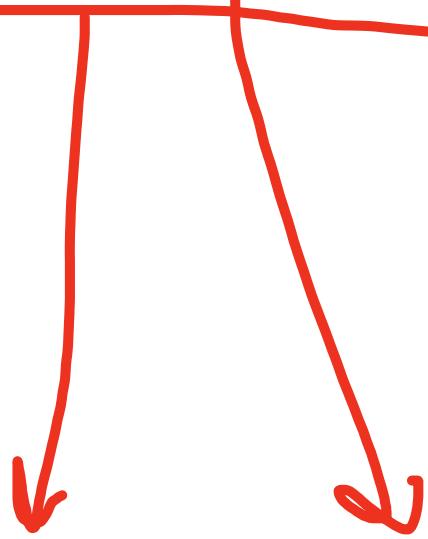
~~hoster~~

- j'com → commercial
- in → India
- + Edu → Education
- j'org → Organization

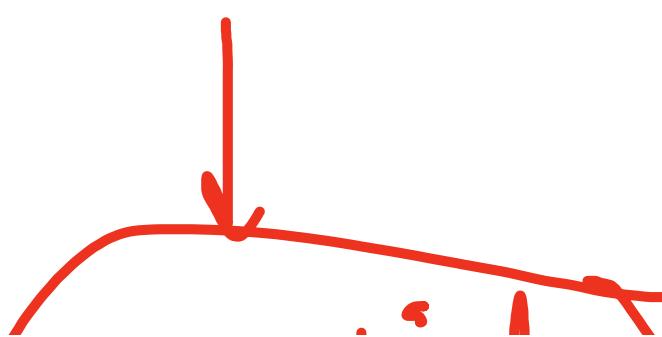
Scal

on
tior

IR Address



IPv4 IPv6



- * au → Australia
- * uk →

→ Internet

Protocol

→ IPv6

→ Gbit

-

(32 bit)

data

it. x . x

8 bit

0 -

1 g 8

2 2
J. J.
+ ↓

-

255

Hegu -

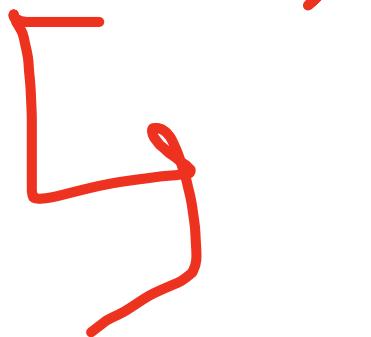
• 169.1.1

5 -

! y i y i : y : y i y i : y

↑ Global
FF
Normal

Dual



$y:y:y:y:$



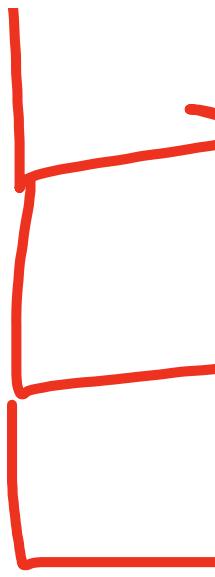
DNS



IPV6 + IPv4

Y:Y:Y:
Y-X-Y-X-X

→ Domain Name



w w v

→ Name → google

→ Top Level Dom

(TLD)

.com

.org

.edu

.in

A

| b c

D

F