

Internet Texnologiyalari

Python Web Development

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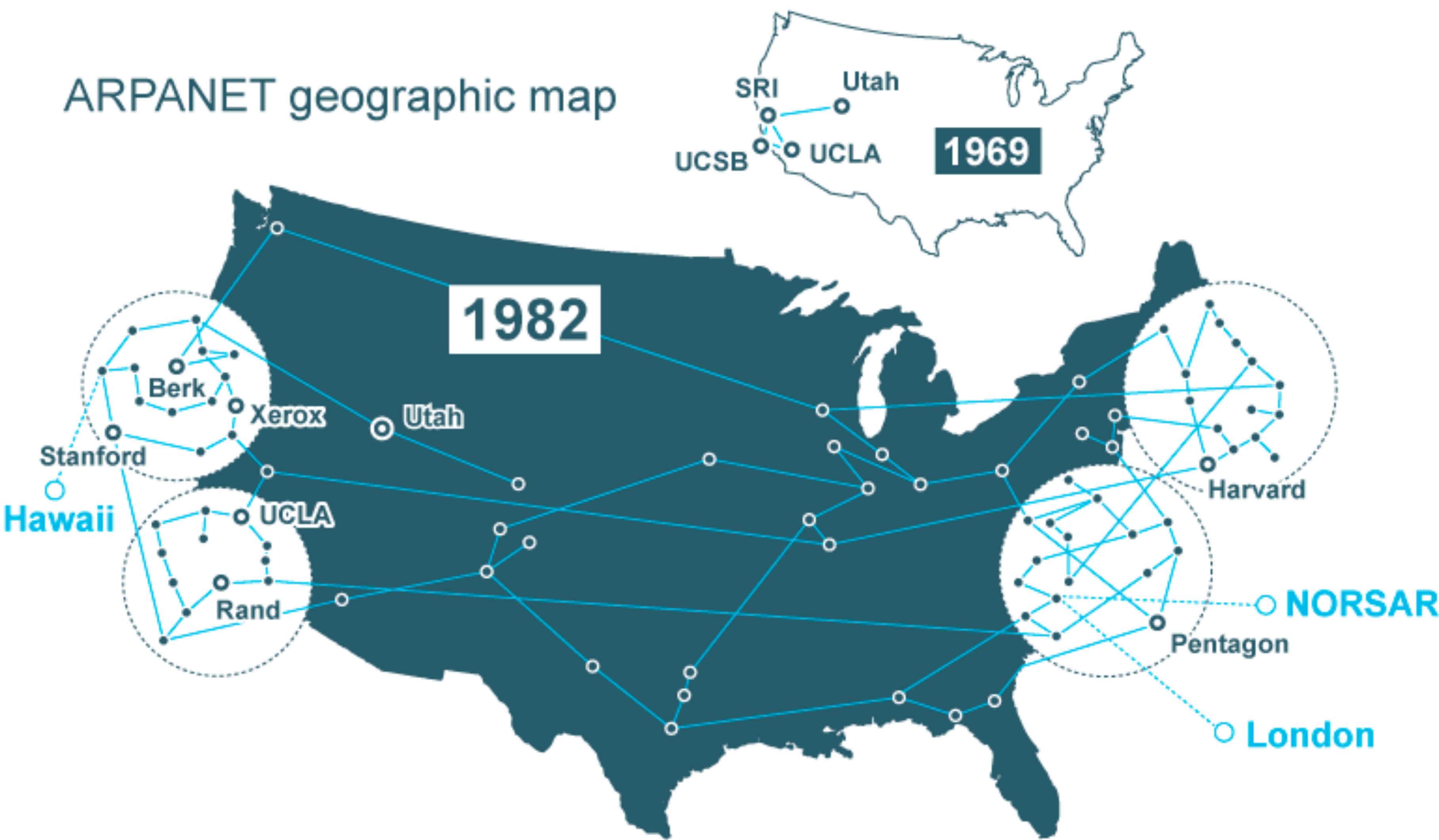
Python Web Development

Kurs Haqida



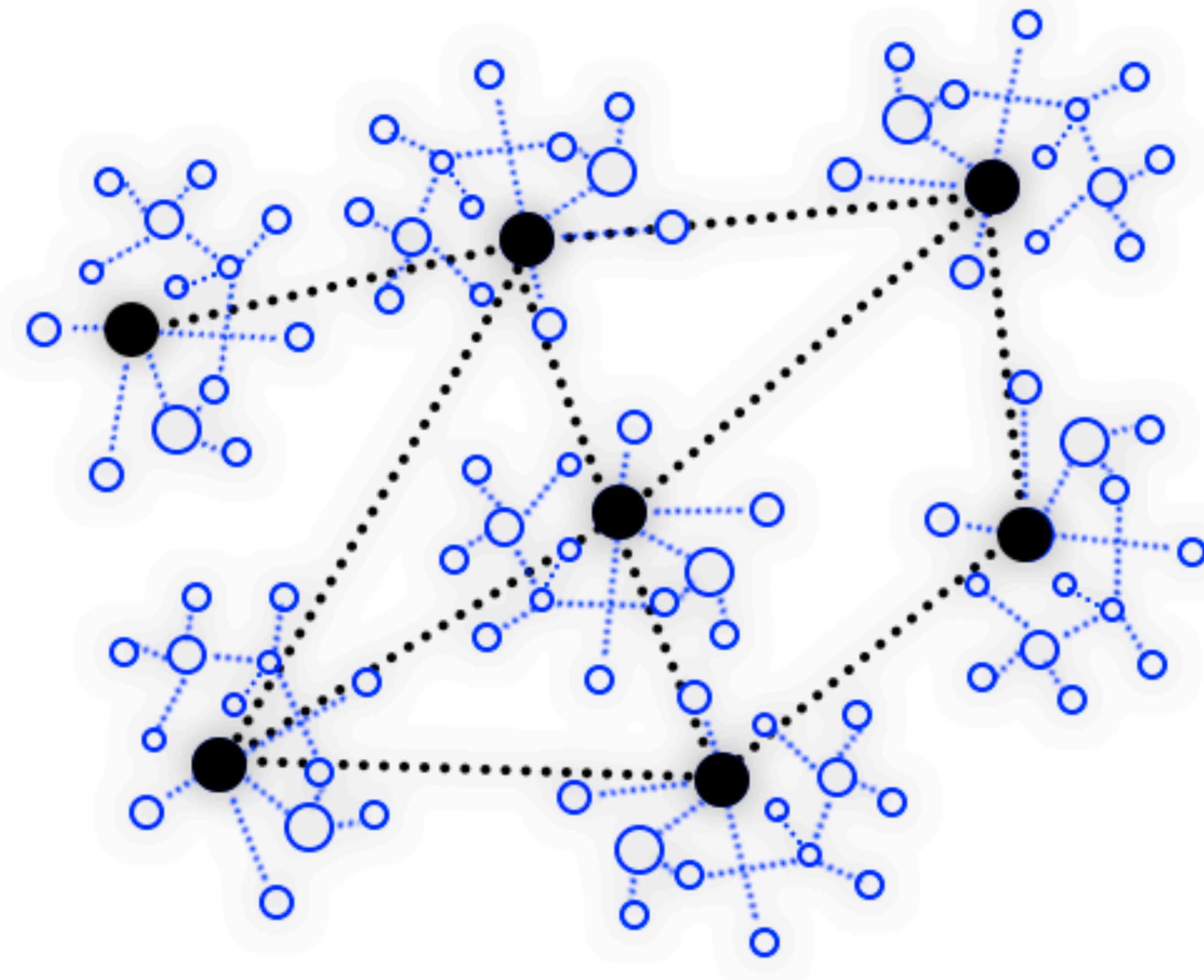
django

Internet Nima?



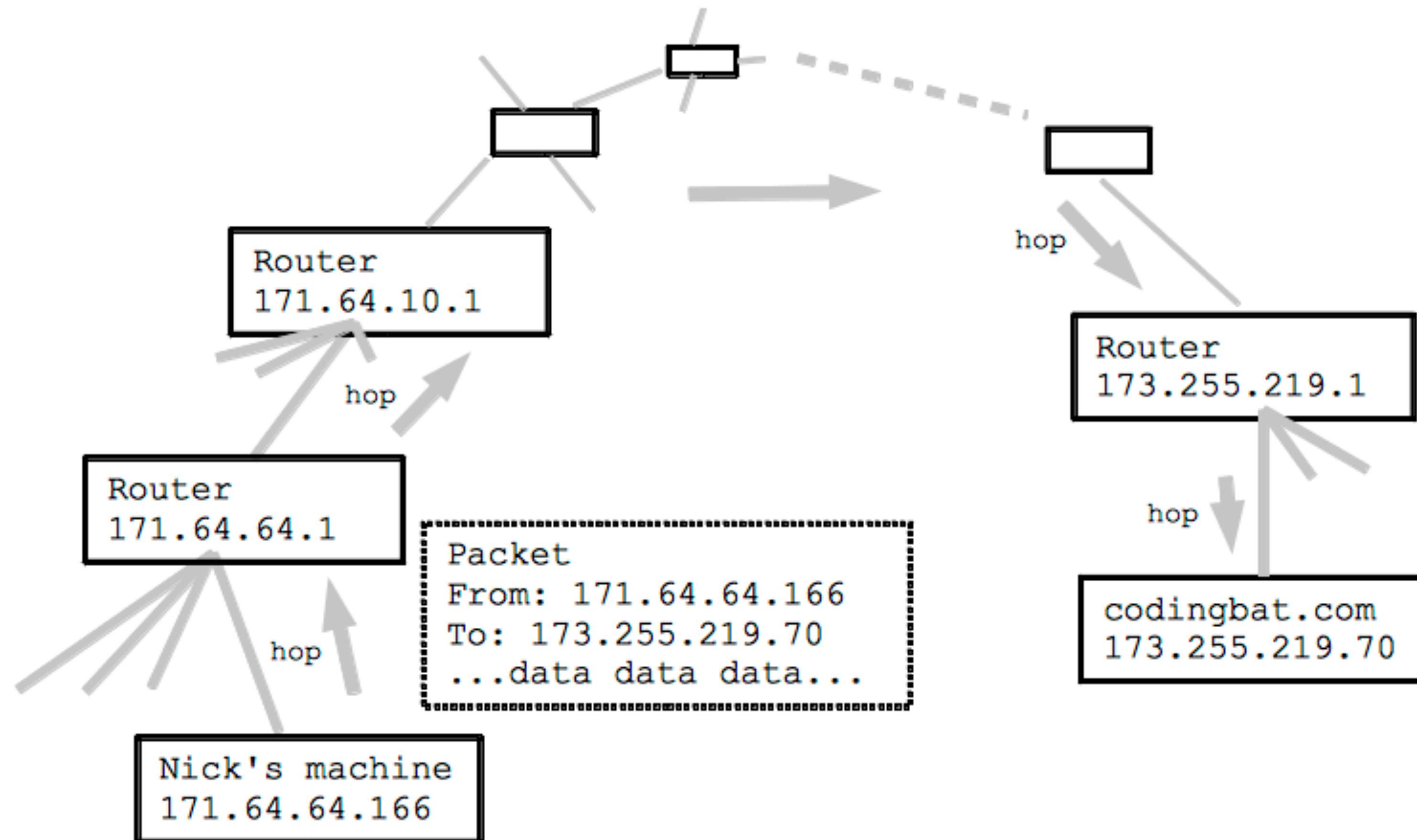
Internet Nima?

The Internet
A Network of Networks

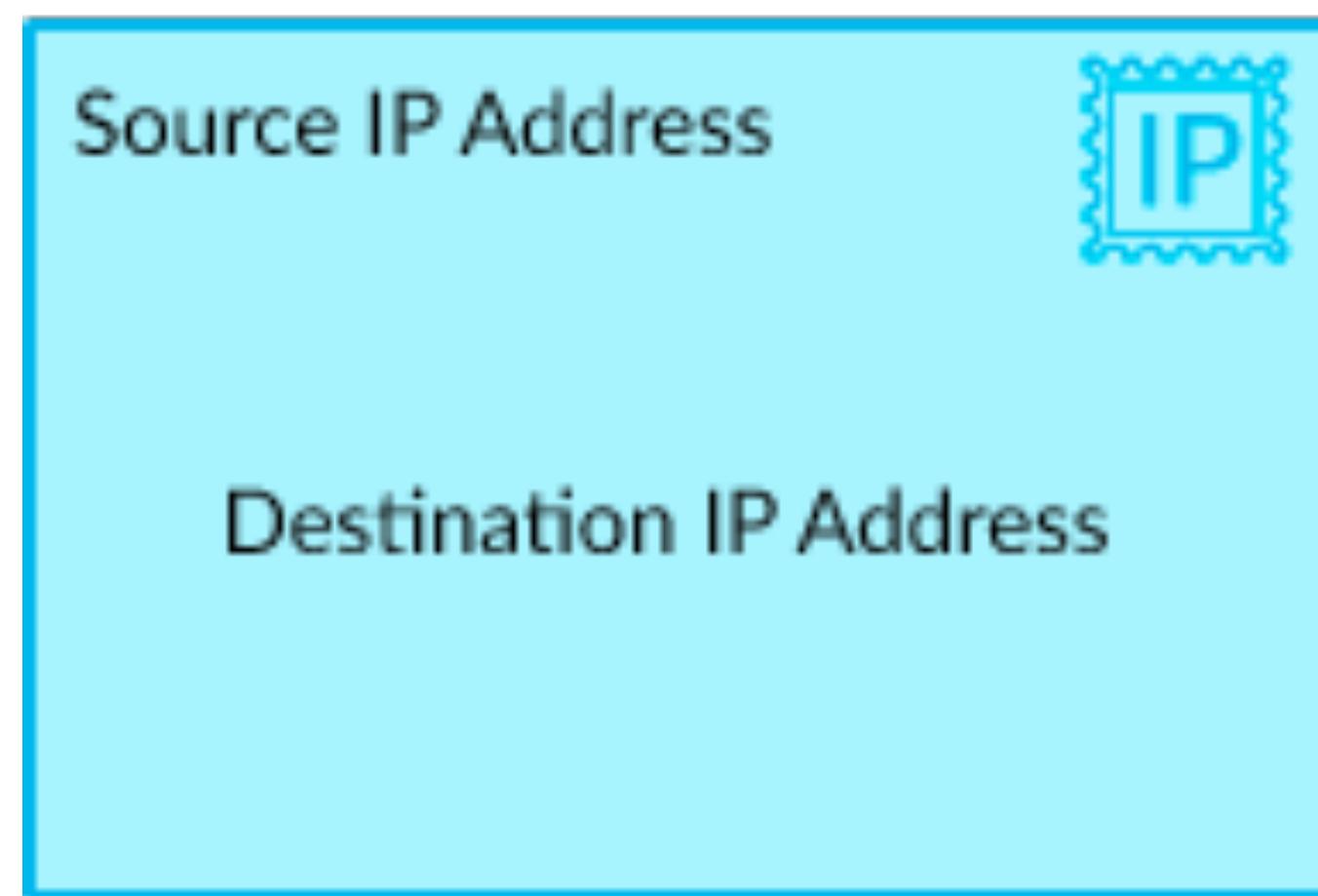


IP - Internet Protocol

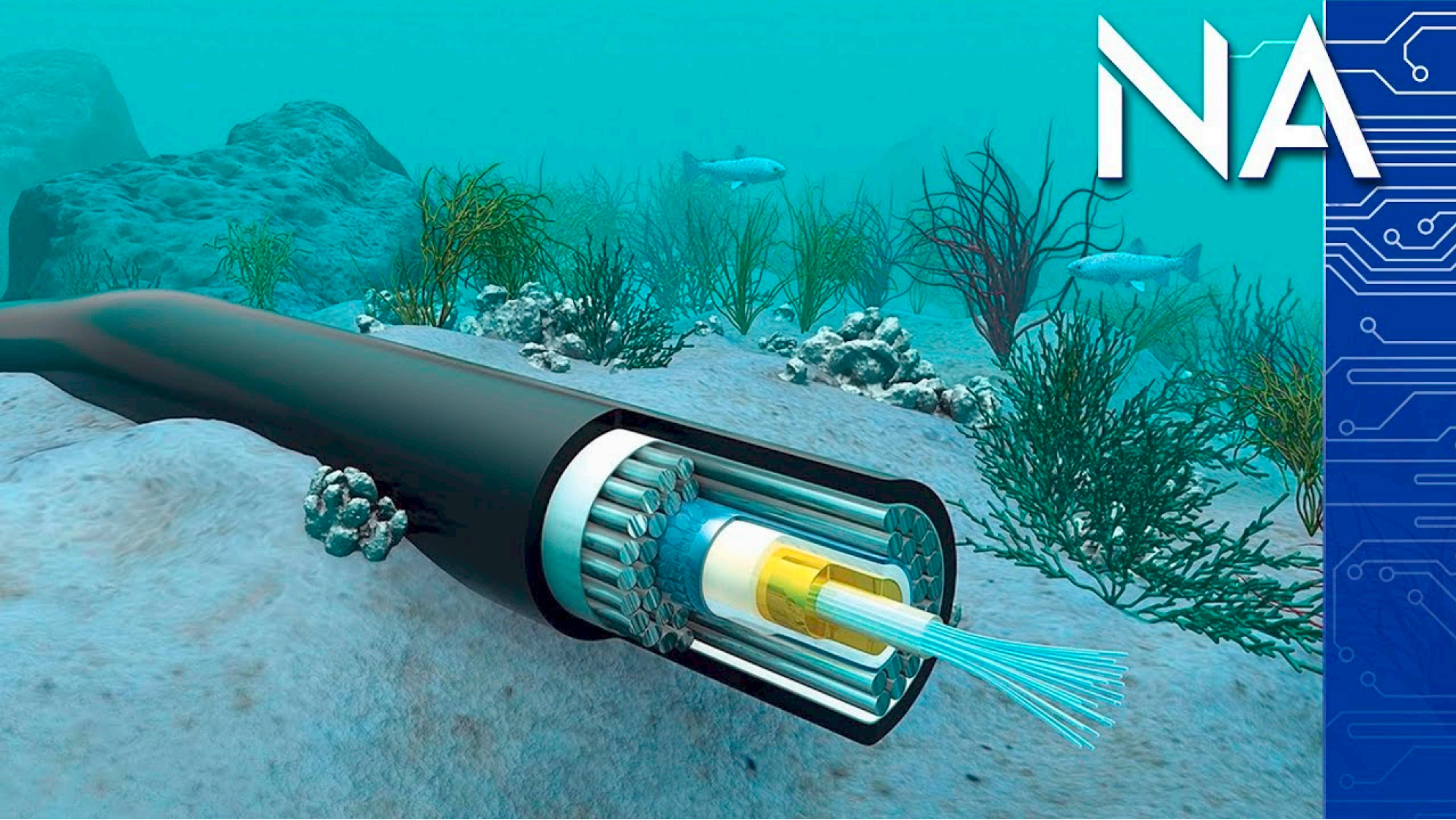
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IP Packets



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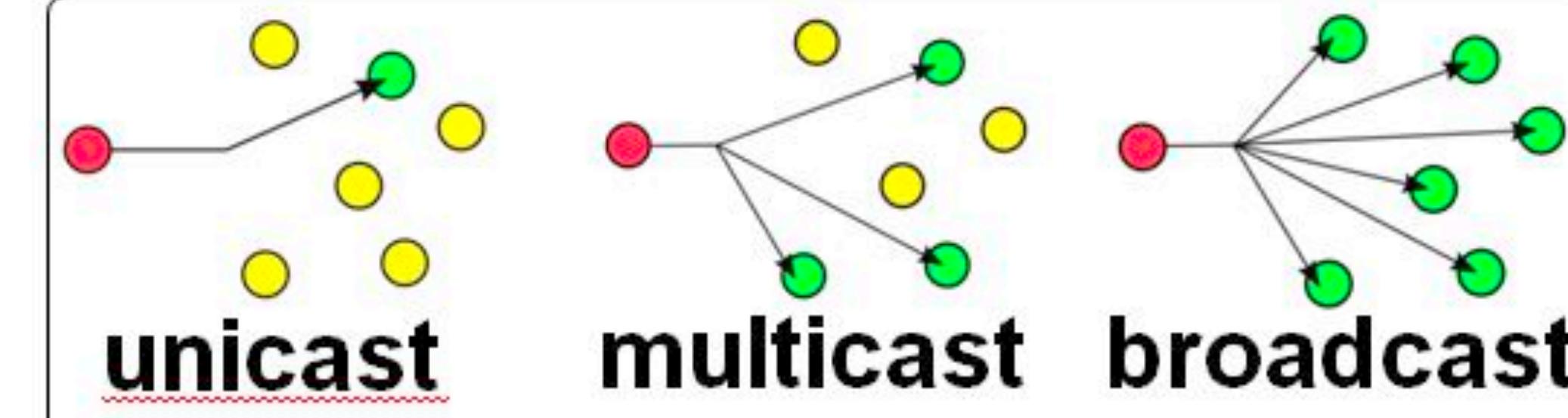
TCP





- Slower but reliable transfers
- Typical applications:
 - Email
 - Web browsing

- Fast but non-guaranteed transfers (“best effort”)
- Typical applications:
 - VoIP
 - Music streaming



DNS

Name: google.com

Address: 216.58.208.206

Name: facebook.com

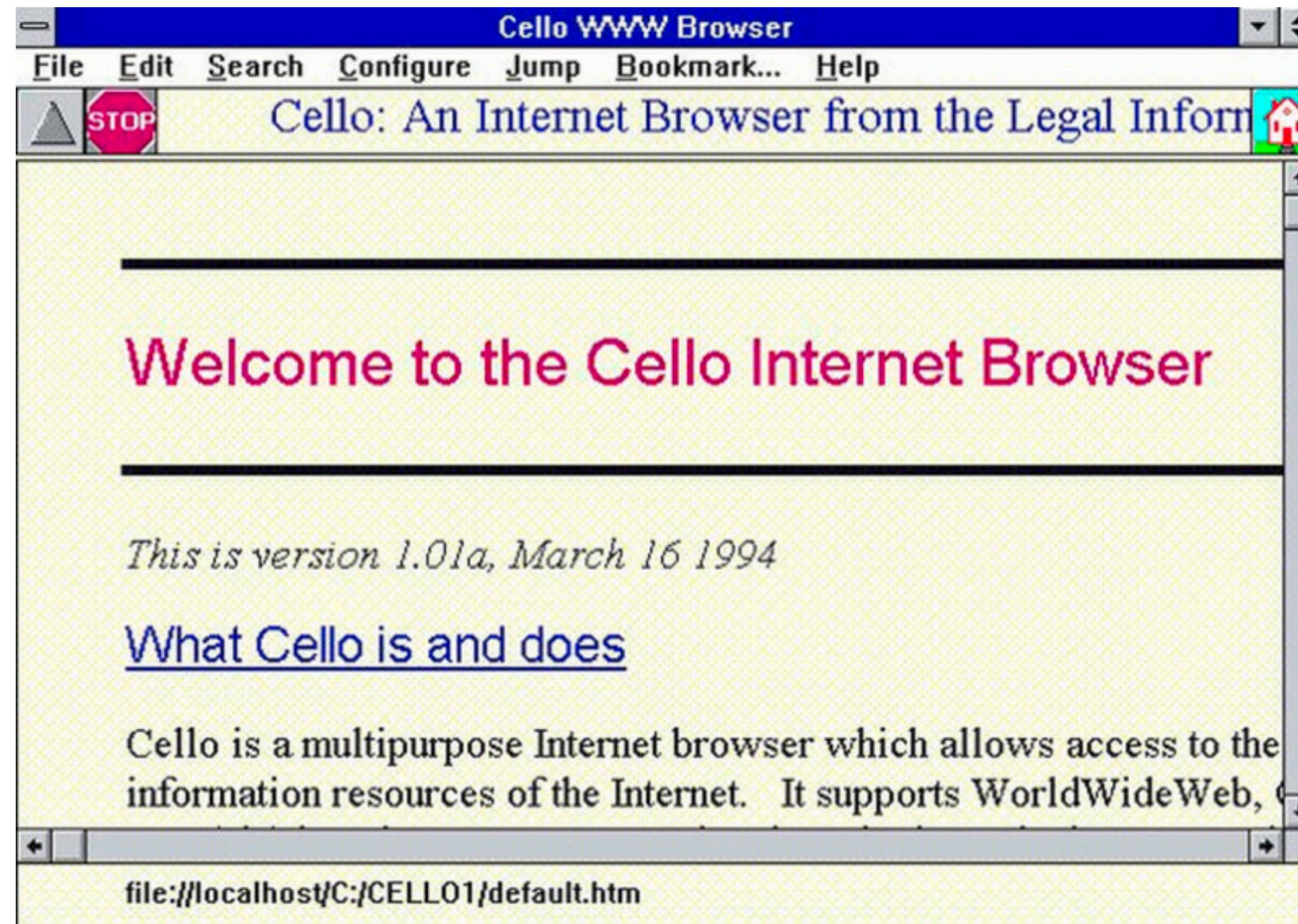
Address: 31.13.81.36

Demo DNS

Ports

- FTP 21
- SMTP 25
- DNS 53
- HTTP 80
- HTTPS 443

World Wide Web va Birinchi Browser



HTTP - Hyper Text Transfer Protocol

request

GET / HTTP/1.1

Host: www.google.com

...

HTTP - Hyper Text Transfer Protocol

response

HTTP/1.1 200 OK

Content-Type: text/html

...

HTTP - Hyper Text Transfer Protocol

status codes

200 OK

301 Moved Permanently

302 Found

401 Unauthorized

403 Forbidden

404 Not Found

500 Internal Server Error

...

Demo HTTP



There is no cloud
it's just someone else's computer