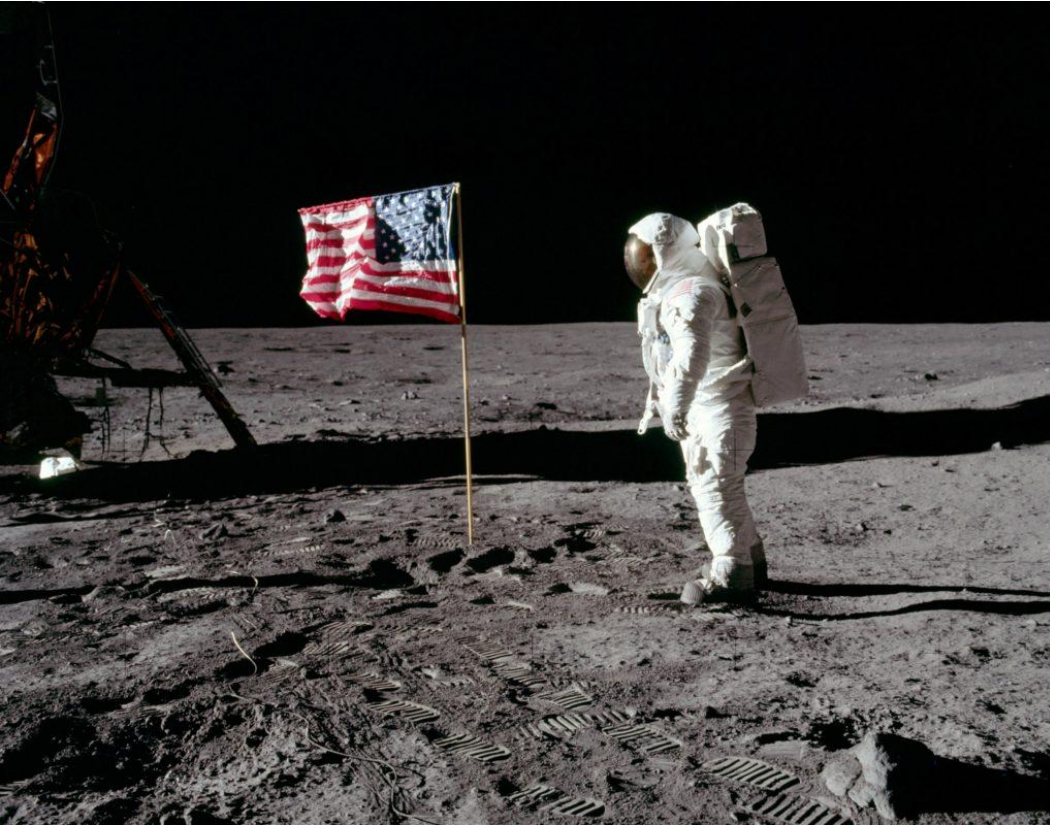
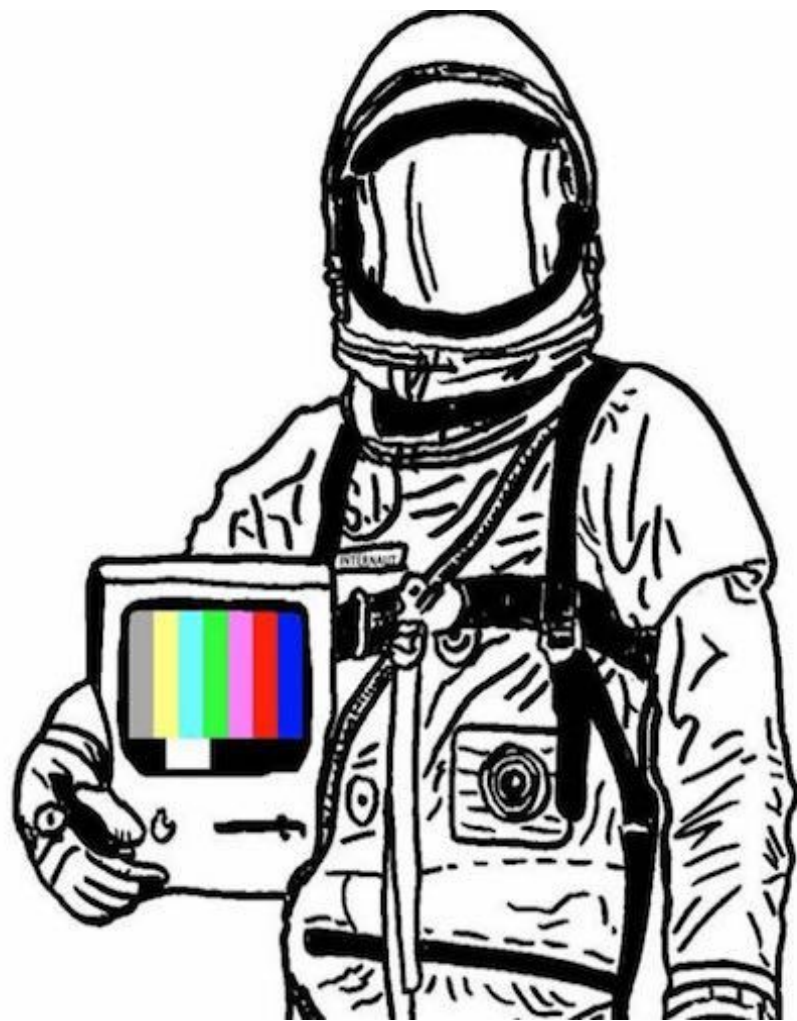


COLD WAR



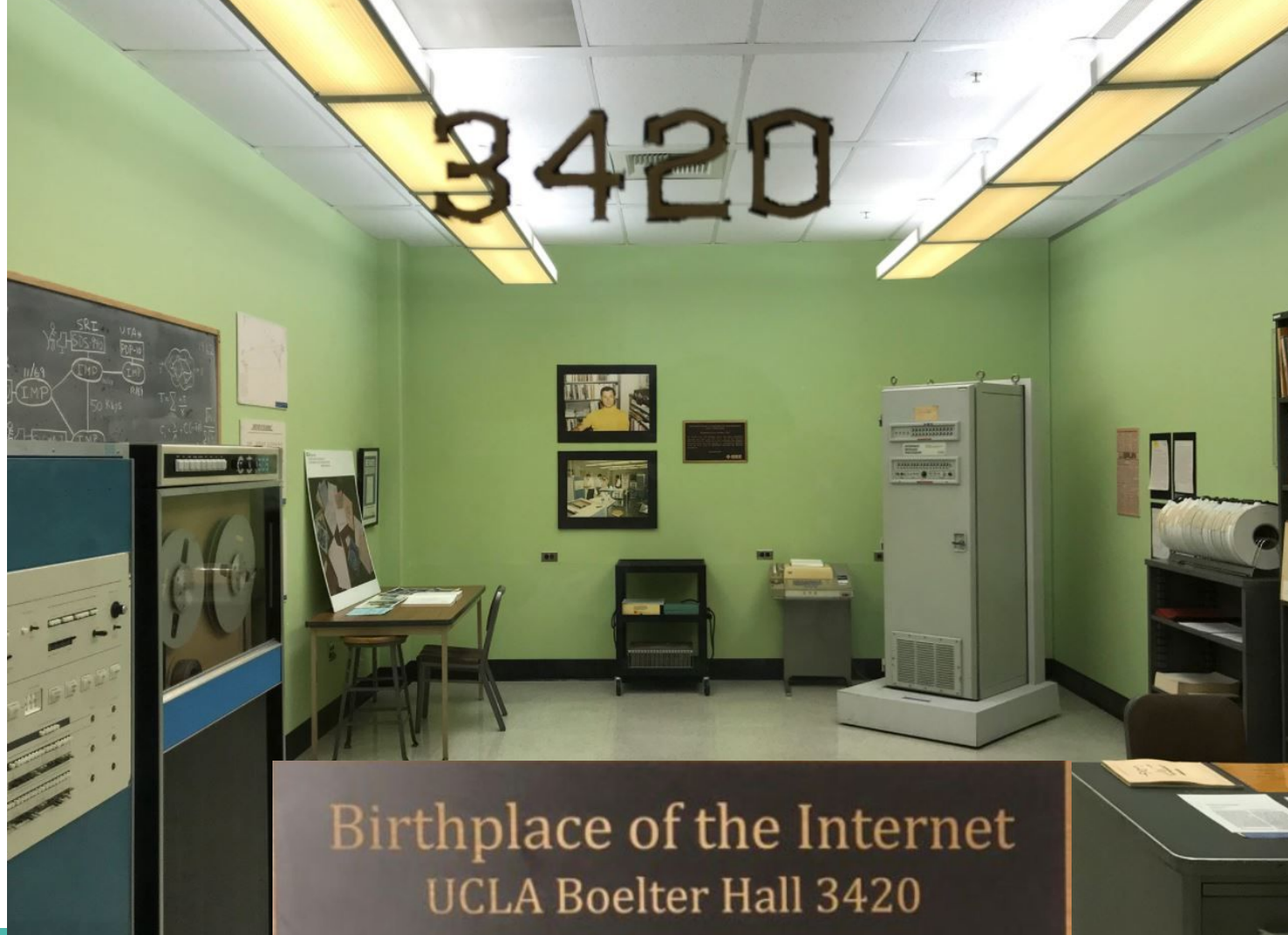
1969





HAPPY INTERNAUT DAY

(AUGUST 23)



Birthplace of the Internet
UCLA Boelter Hall 3420

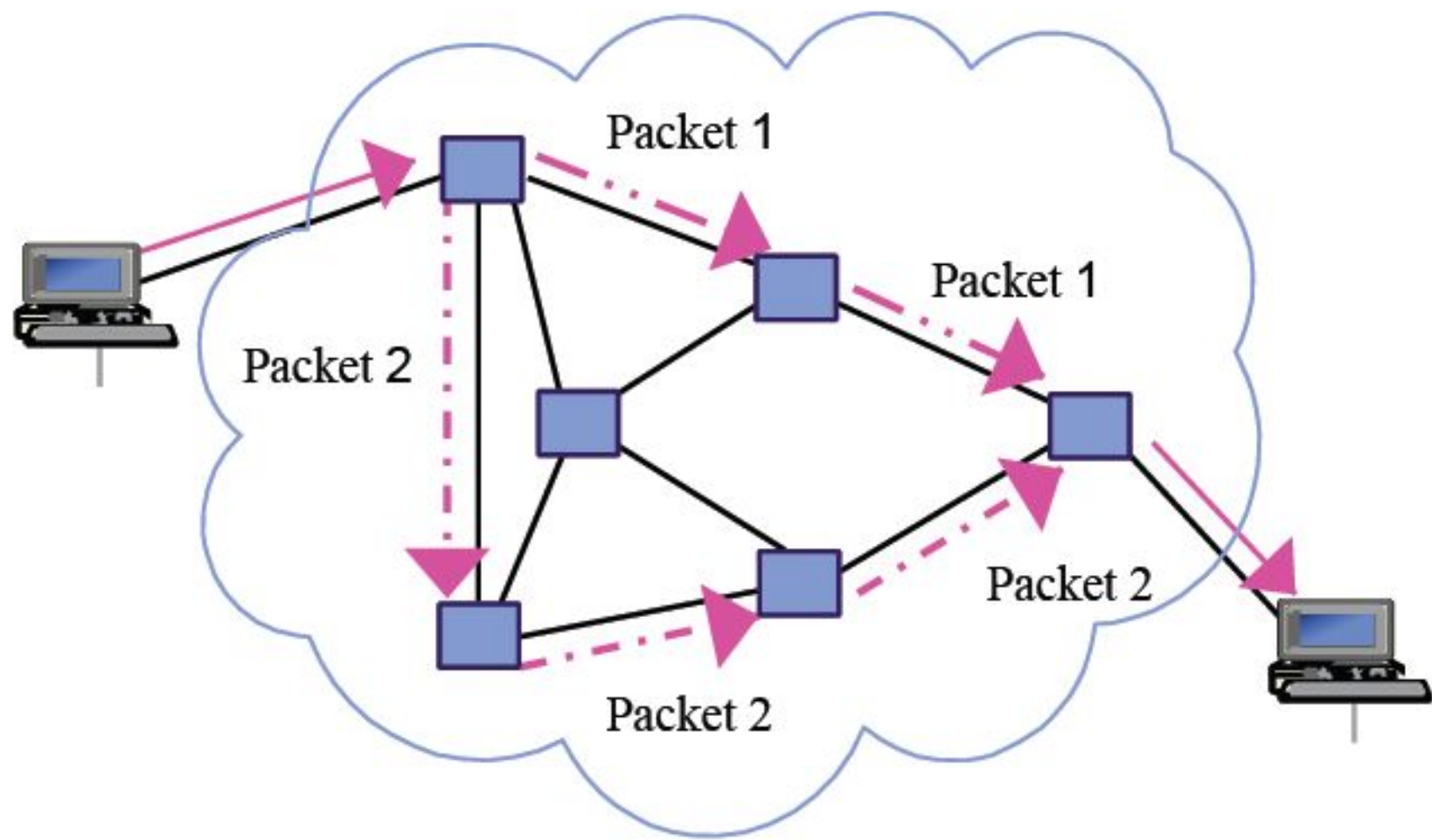
<https://www.vox.com/a/internet-maps>

The entire Internet in 1969



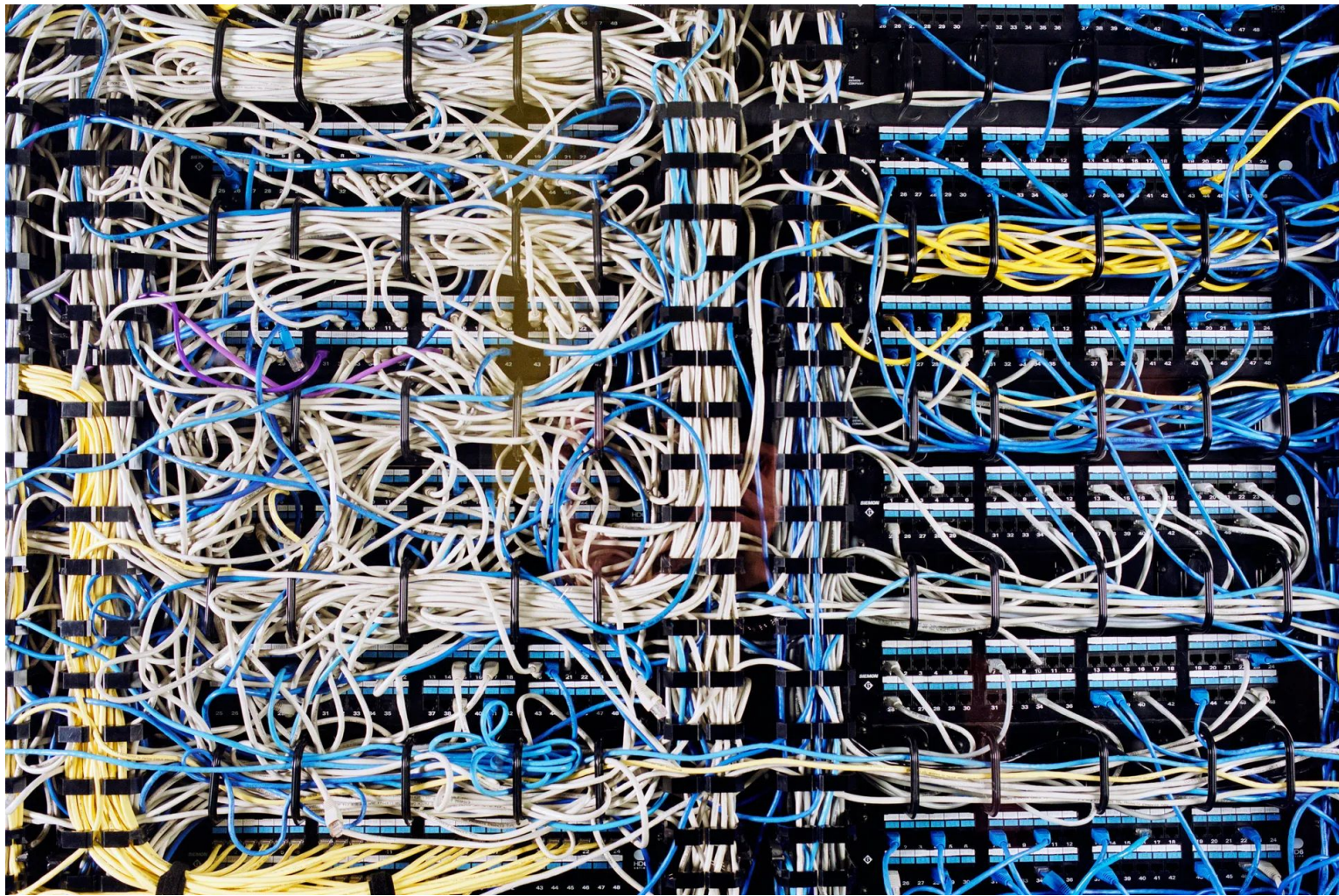
ARPANET 1970





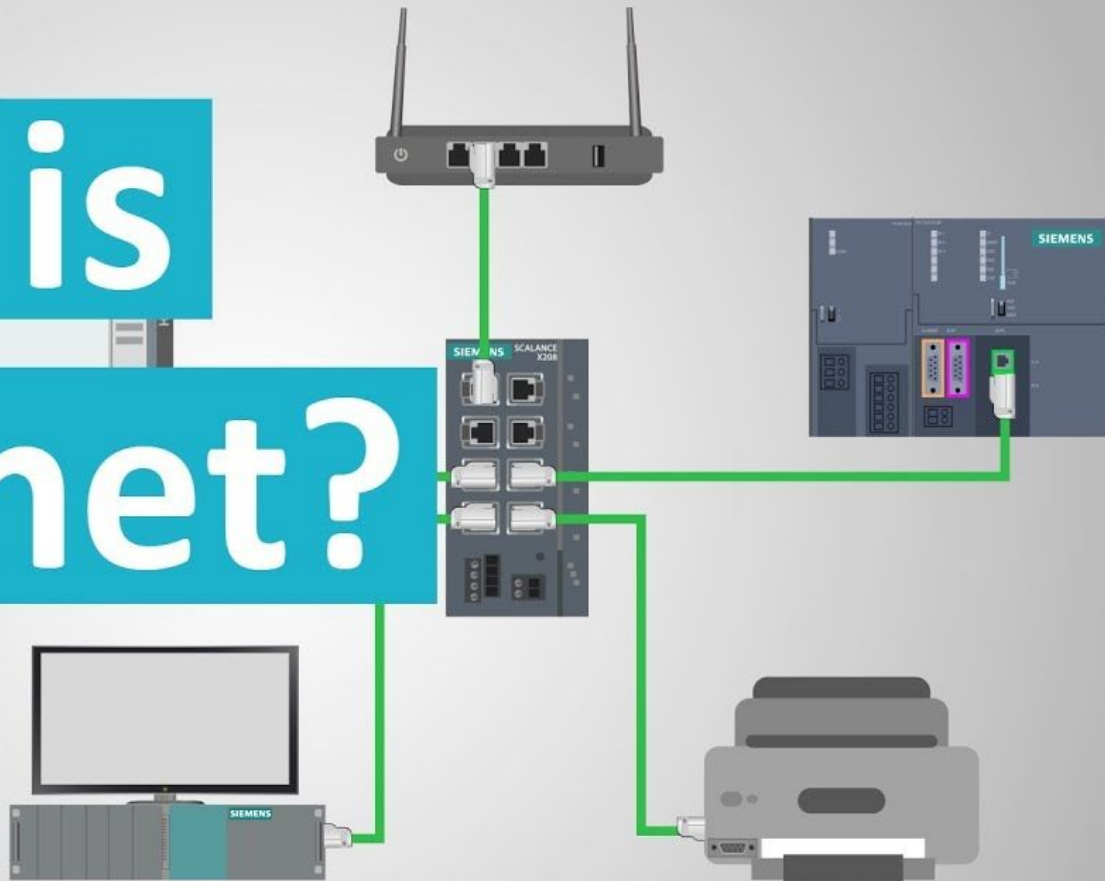


Transmission Control Protocol/Internet Protocol



What is

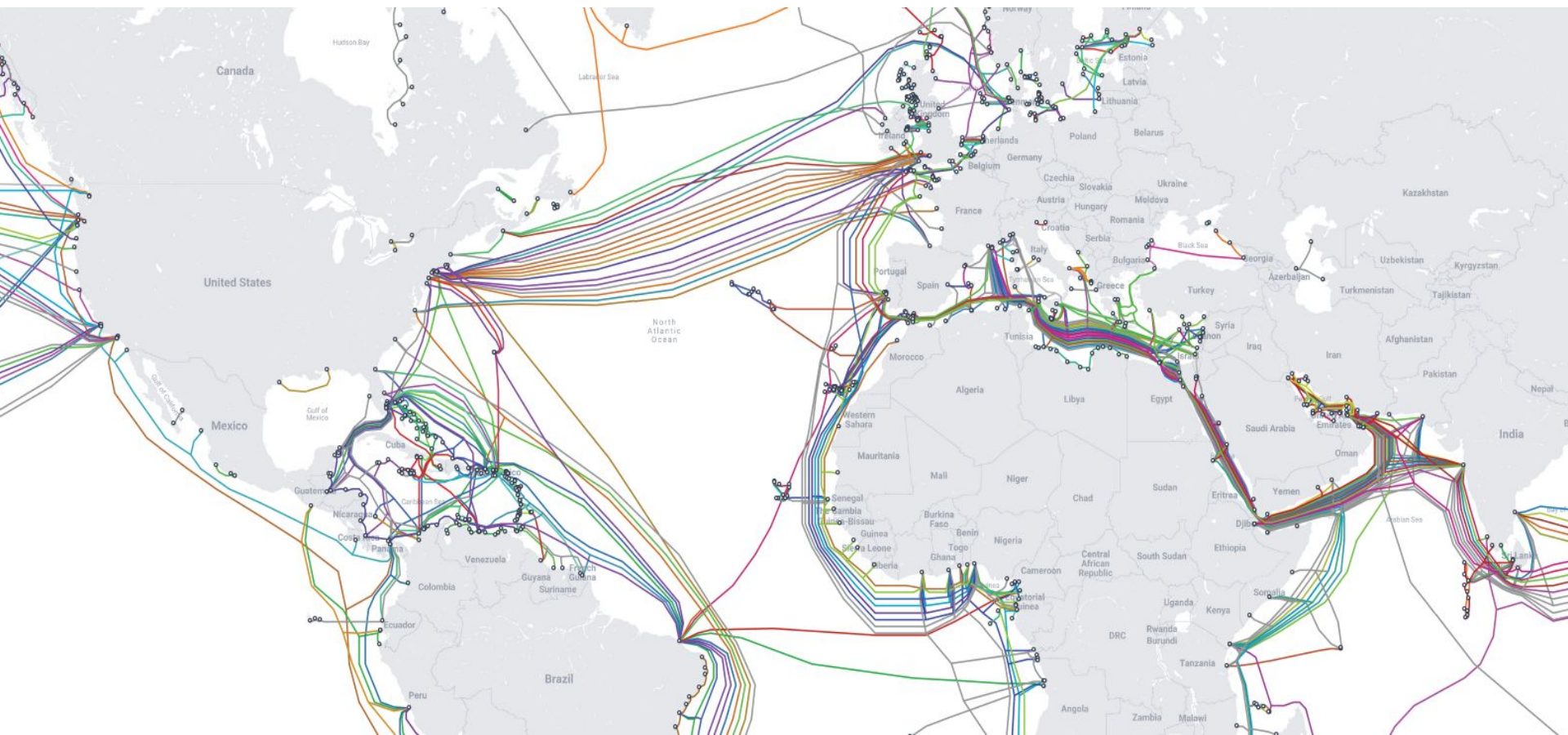
Ethernet?



Οπτικές Ύνες (Fiber Optics)



<https://www.submarinecablemap.com/>



IPv4

Deployed 1981

Address Size:

32-bit number

Address Format:

Dotted Decimal Notation:

192.149.252.76

Prefix Notation:

192.149.0.0/24

Number of Addresses:

$2^{32} = \sim 4,294,967,296$

IPv6

Deployed 1999

Address Size:

128-bit number

Address Format:

Hexadecimal Notation:

3FFE:F200:0234:AB00:0123:4567:8901:ABCD

Prefix Notation:

3FFE:F200:0234::/48

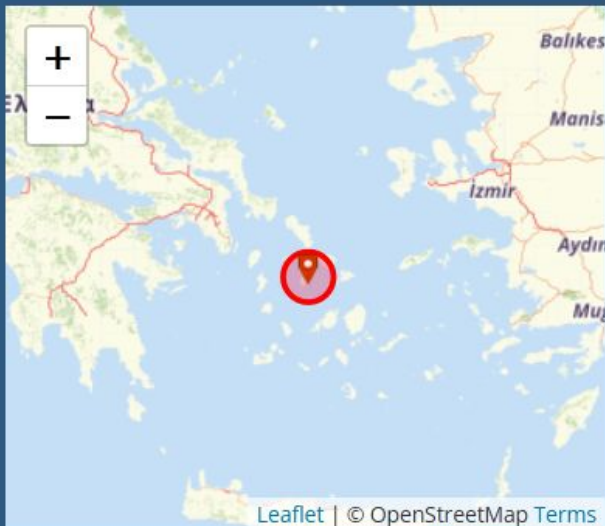
Number of Addresses:

$2^{128} =$
 $\sim 340,282,366,920,938,463,463,374,$
 $607,431,768,211,456$



google.gr → 142.250.74.99

google.gr → 2a00:1450:400f:803::2003



Latitude: 37.442268 (37° 26' 32.16" N)

Longitude: 24.94248 (24° 56' 32.93" E)

My IP Address is:

IPv4: ? **94.67.25.198**

IPv6: ? **Not detected**

My IP Information:

ISP: Otenet

City: Ermoupolis

Region: Notio Aigaio

Country: Greece

Four ways to hide your IP address:

OPTION 1 – **Use a VPN Service** – *The Best Way*



OPTION 2 – **Use the Tor Browser** – *The Slowest Choice*

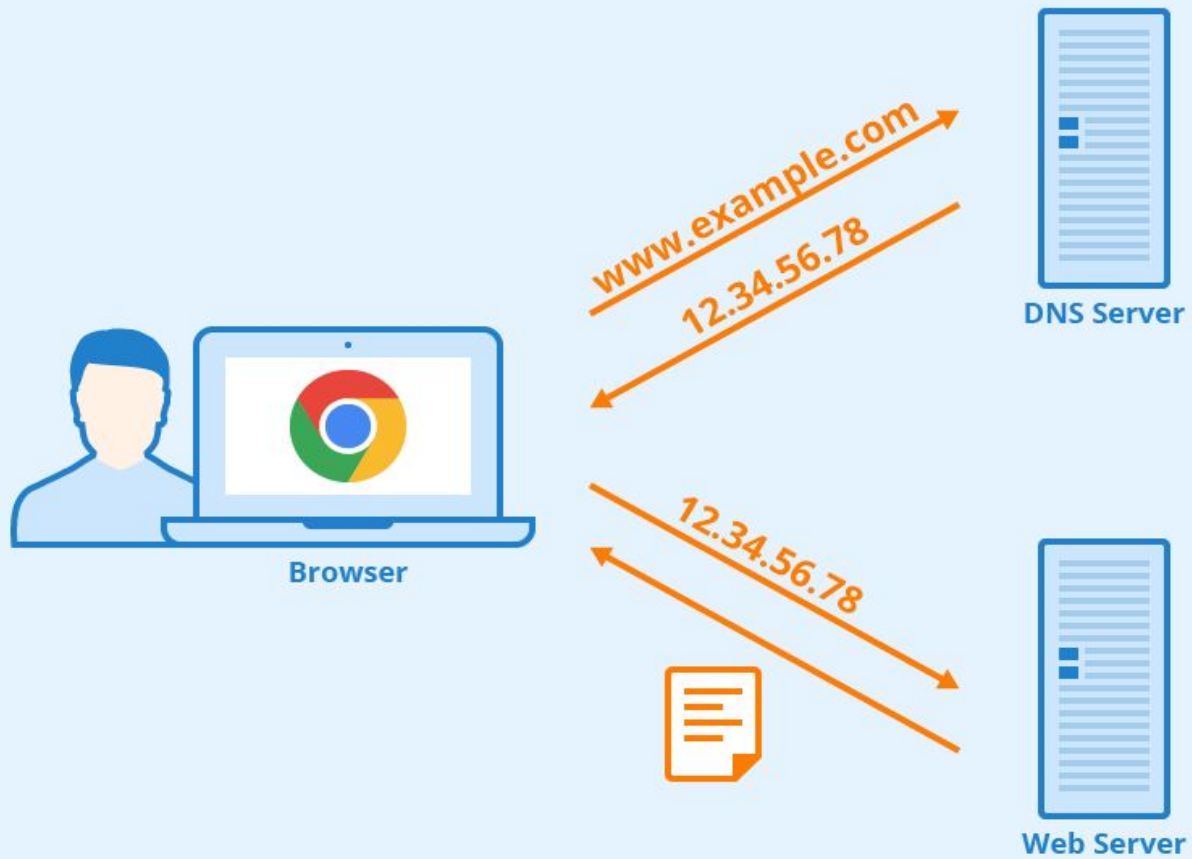


OPTION 3 – **Use a Proxy Server** – *The Riskiest Method*

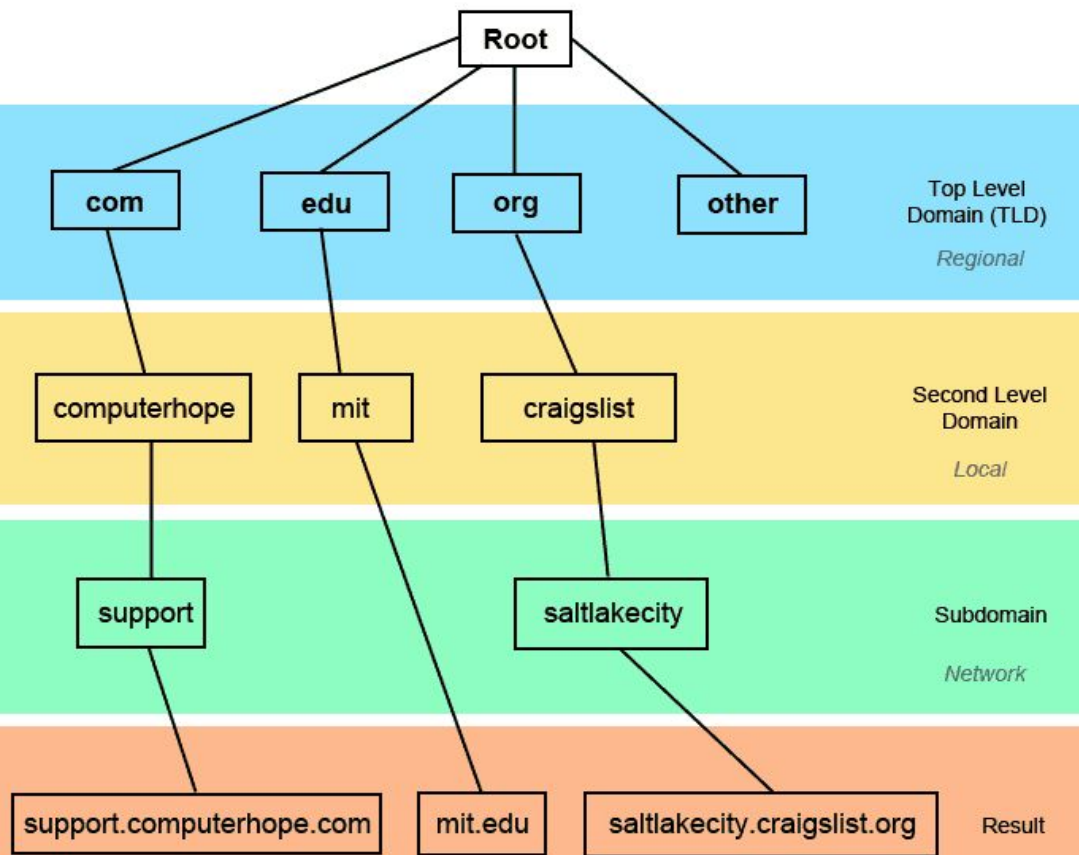


OPTION 4 – **Use Public WiFi** – *The Long Distance Way*



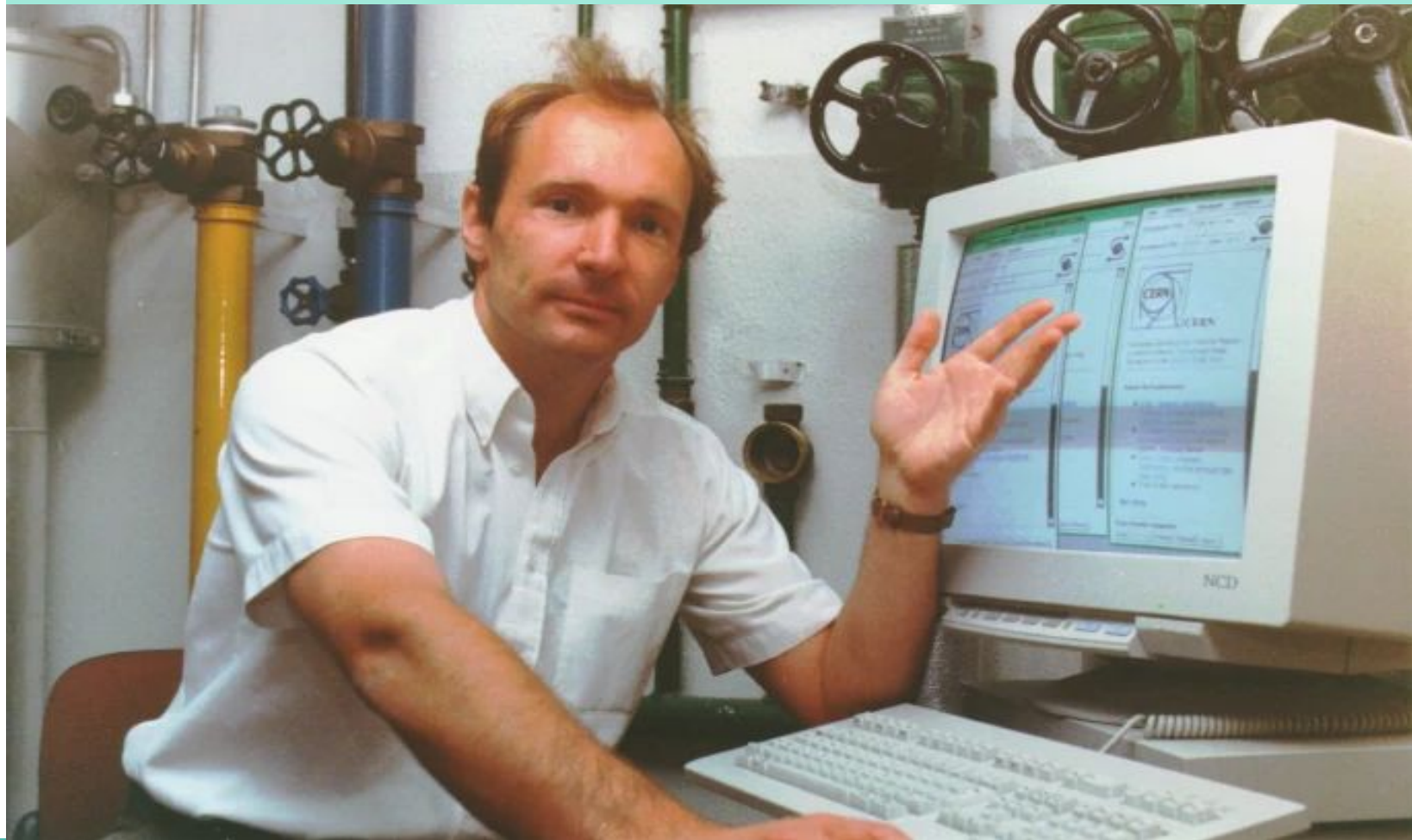


Domain Naming Hierarchy



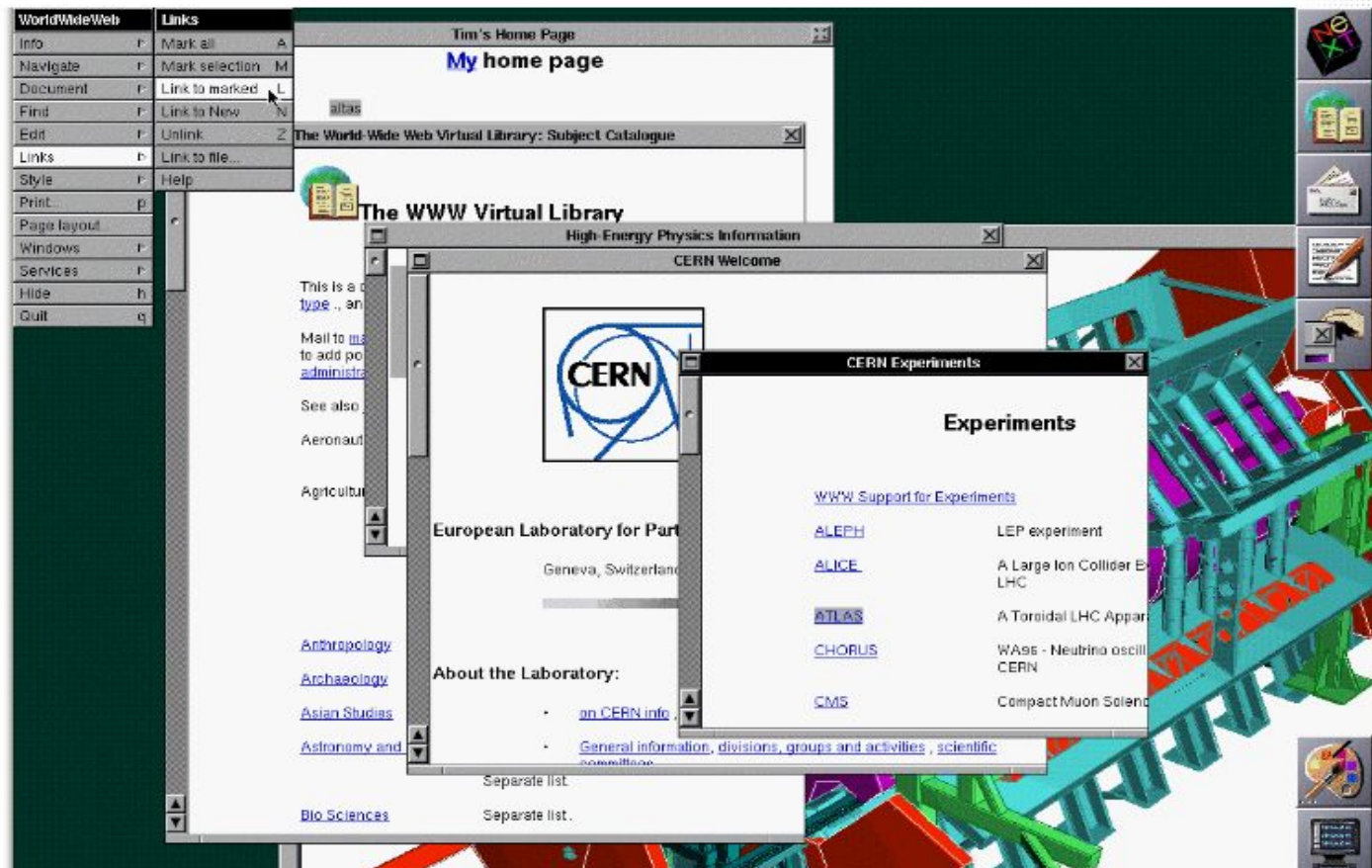


[Source Code for WWW x Tim Berners-Lee, an NFT | 2021 | Sotheby's](#)



Tim Berners-Lee's original WorldWideWeb browser in 1993

This screen shot was taken in 1993 from a NeXT computer. As one can see, there is not much of a difference between these windows and the appearance of today's browsers.



http://www.mnhs.com/webpages/about.html

protocol

domain name

directory

filename and extension

Parts of a URL

Ingredients for the Web

Clients
(Web browsers)



Document

- CSS
- JavaScript

GET
POST

HTTP

URL: <http://server.com/document1.html>



Web Server



Document

(c) COMPUPRESS SA 1992, COMPULINK NETWORK SA 1995

COMPULINK

Dial-up lines (28.800 bps)

Athens (Zeus)	9242220	72 lines	9249949 (64 lines)	9248600 (72 lines)
Thes/iki (Macedon)	244125	46 lines	Heraklion (Daedalus)	324777 5 lines
Patras (Pharos)	621888	8 lines	Larisa (Electra)	622160 8 lines
Veroia (Veroia)	72523	4 lines	Rhodes (Colossus)	79579 8 lines
Serres (Serres)	56191	5 lines	Ioanina (Hepirus)	73703 8 lines
Al/poli (Evros)	80160	10 lines	Florina (Florina)	46036 4 lines
Kozani (Kozani)	29216	12lines	Halkida (Evripos)	84620 8 lines
Hios (Hios)	43442	5 lines	Kavala (Kavala)	224333 5 lines
Argos (Argos)	26411	8 lines	A.Nikolaos (Mirabelo)	82760 6 lines
Korinthos (Isthmos)	80200	7 lines	Lamia (Lamia)	42138 6 lines
Telnet: zeus.compulink.gr HTTP://www.compulink.gr NUA: 3150202100				

UserID...: █



S.I.G.s



Publications



Search
Cosmos



FTP Archive



NET Directory



Club
Macintosh



Advertisers'
Index



ASTROLOGICAL
SERVICES

jobs @ compulink



This site is best experienced with



[Click here to start.](#)

Εθνικό Δίκτυο Έρευνας & Τεχνολογίας

ΥΠΟΥΡΓΕΙΟ ΑΝΑΠΤΥΞΗΣ
ΓΕΝΙΚΗ ΓΡΑΜΜΑΤΕΙΑ ΕΡΕΥΝΑΣ & ΤΕΧΝΟΛΟΓΙΑΣ



Το ΕΔΕΤ είναι το Εθνικό Δίκτυο Έρευνας και Τεχνολογίας για παροχή Internet υπηρεσιών στην ακαδημαϊκή και ερευνητική κοινότητα της χώρας.

Σκοπός του ΕΔΕΤ είναι να διασυνδέει όλα τα Πανεπιστήμια και Ερευνητικά Κέντρα της χώρας καθώς και τα τμήματα έρευνας και ανάπτυξης άλλων οργανισμών σε υψηλές ταχύτητες μετάδοσης και με αξιοπιστία ικανοποιώντας τις σύγχρονες απαιτήσεις για μετάδοση δεδομένων.

Η νέα γραμμή που συνδέει το ΕΔΕΤ με το TEN-34 στα 10Mbps τέθηκε σε λειτουργία!



Welcome to N.T.U.A.
the National Technical
University of Athens
Greece

Announcements
Weather Report
DialUp Services
F.T.P. Server
Help



Εθνικό Μετσόβιο
Πολυτεχνείο

About

Telephone & E-mail Directories
History, Campus Map, Transportation etc

Academic Info

Departments, Libraries, Computing,
Research Resources, Academic Services
R&D Resources

Info Systems

NTUA FTP, Mirrors, Hosted Pages,
Proxies, Service Statistics.

NTUA Network

Network Description, Technical
Documentation, Dialup Service,
Network Statistics.

Web Surfing

Search Engines, MetaSearch Engines,
Web Catalogs & selected links.

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[announcements](#), [Weather Report](#), [Dialup Service](#), [Help](#)

Please send any suggestions and ideas to
webmaster@ntua.gr

©1996 Network Management Center, NTUA

0.49% of cc32e47.exe Completed



Saving:

cc from ftp.netscape.com



Estimated time left: 39 years 8.89 MB of 180 MB copied)

Download to: D:\Other Stuff\Downloads\cc32e47.exe

Transfer rate: 4.61 KB/Sec

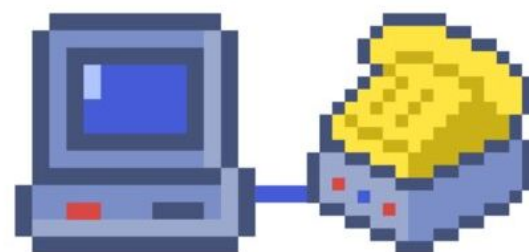
☐ Close this dialog box when download completes

Open

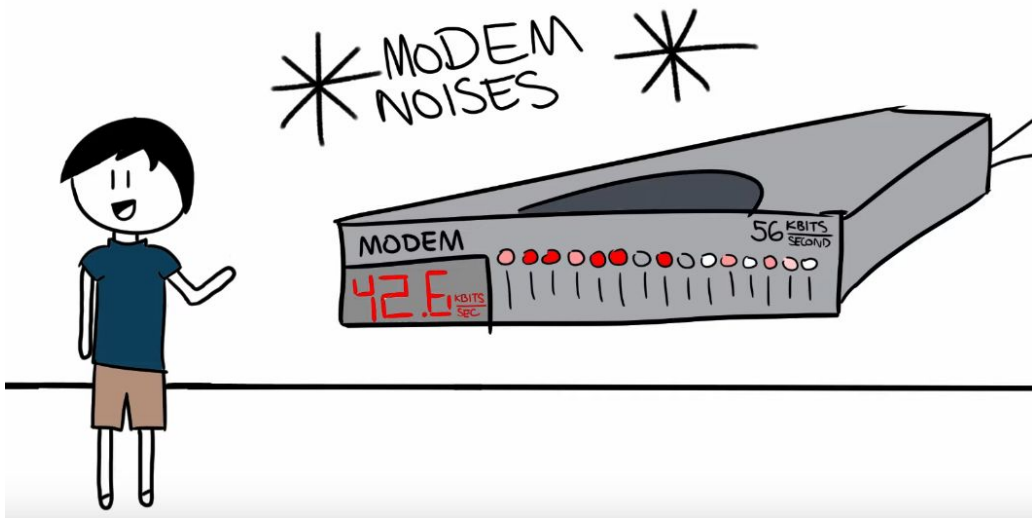
Open Folder

cancel

I LEARNED PATIENCE

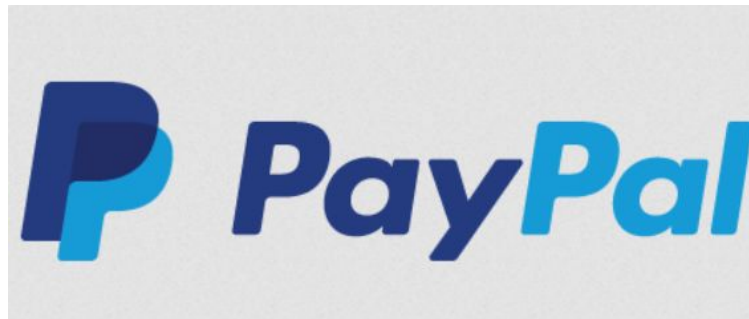


FROM DIAL-UP INTERNET



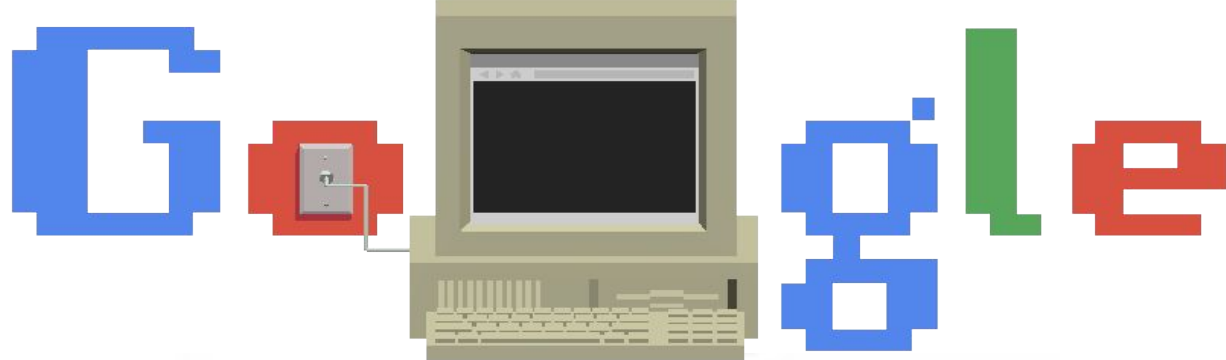
YAHOO!
MAIL

msn
Hotmail









Search the web using Google!

10 results



Google Search

I'm feeling lucky

Index contains ~25 million pages (soon to be much bigger)

About Google!

[Stanford Search](#) [Linux Search](#)

Get Google! updates monthly!

your e-mail

Subscribe

[Archive](#)

Copyright ©1997-8 Stanford University





Millennium bug
act now!

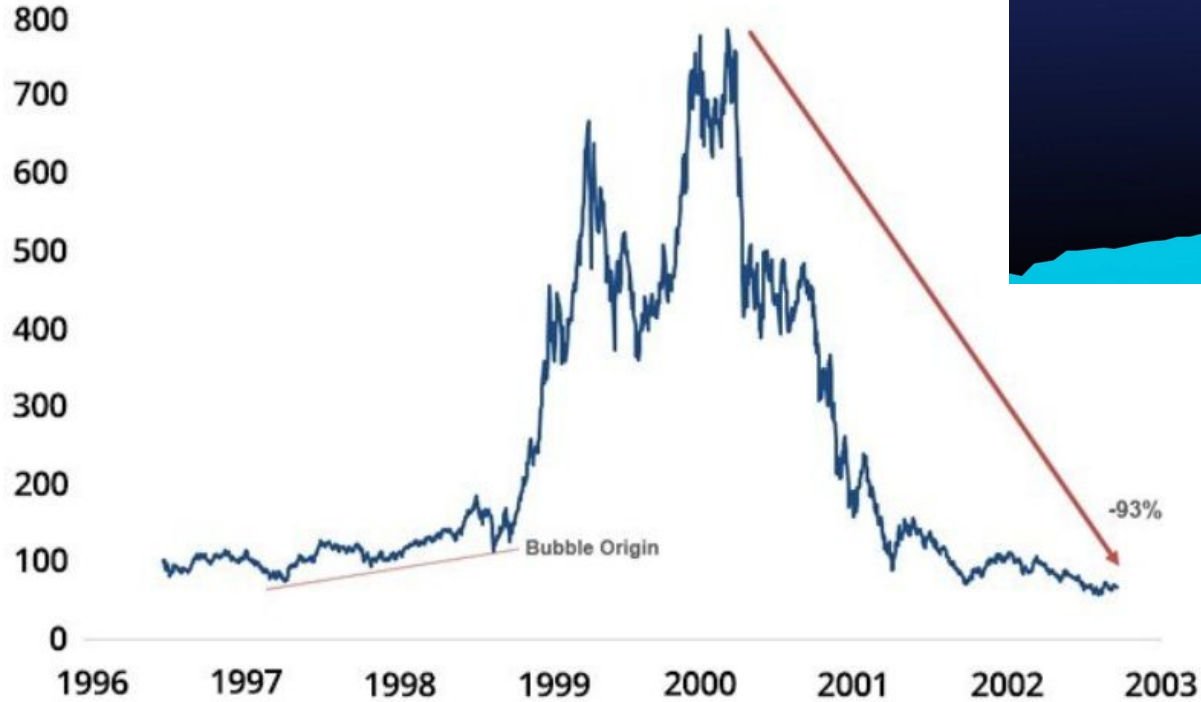
REMEMBER

Turn your computer off
before midnight on

12/31/99.

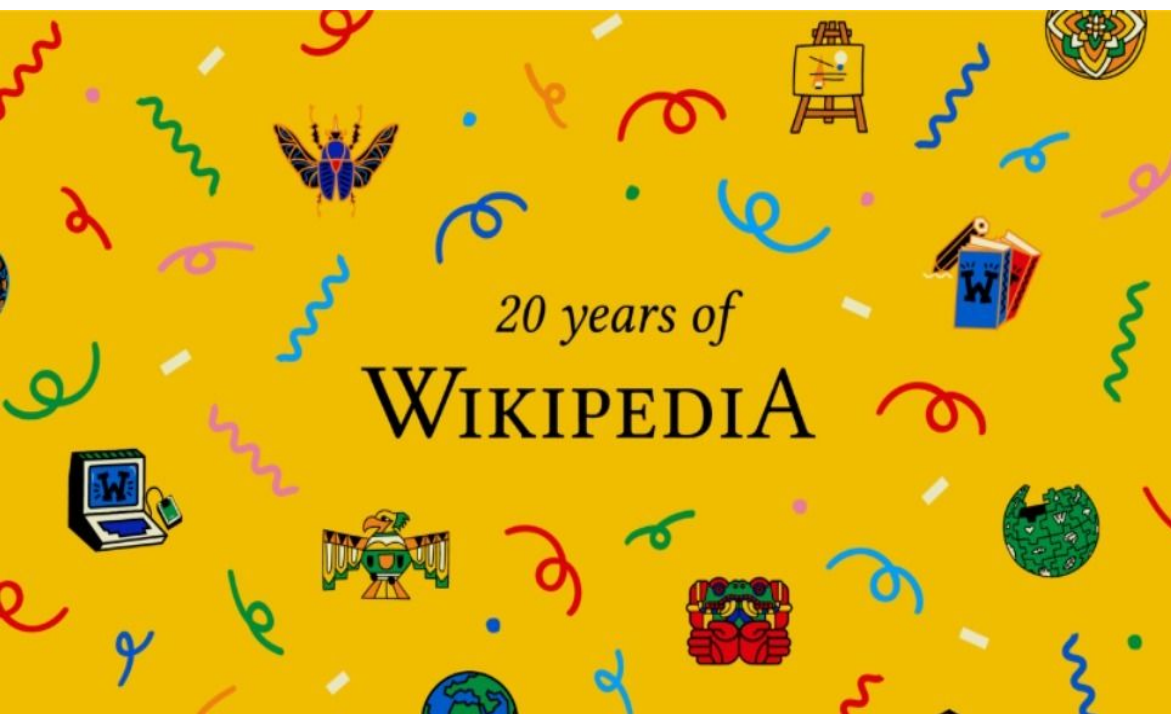


Internet Index Bubble and Burst



DOT-COM BUBBLE





ΒΙΚΙΠΑΙΔΕΙΑ
Η ελεύθερη εγκυκλοπαίδεια



MITOPENCOURSEWARE

MASSACHUSETTS INSTITUTE OF TECHNOLOGY



1.65B
PAGE VIEWS



3M
YOUTUBE SUBSCRIBERS



210M
UNIQUE LEARNERS



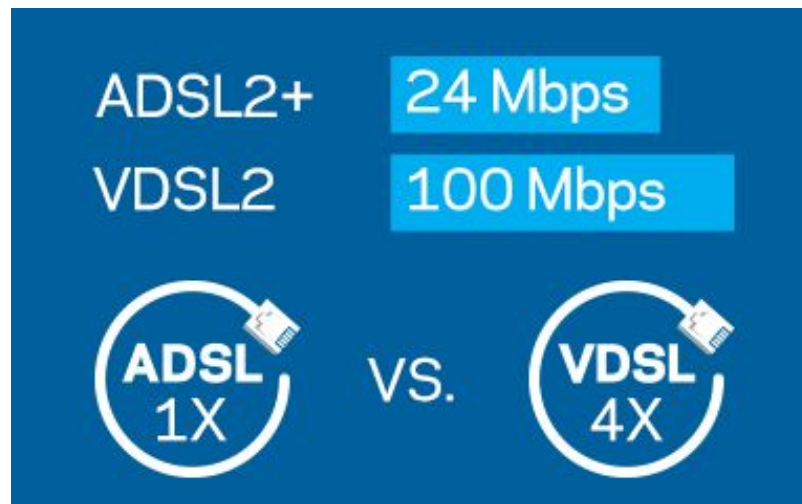
2,570+
COURSES & SUPPLEMENTAL
RESOURCES



432
OCW MIRROR SITES
WORLDWIDE



20 YEARS
...AND COUNTING



web2.0



NETFLIX



Blogger™

skype™



WORDPRESS



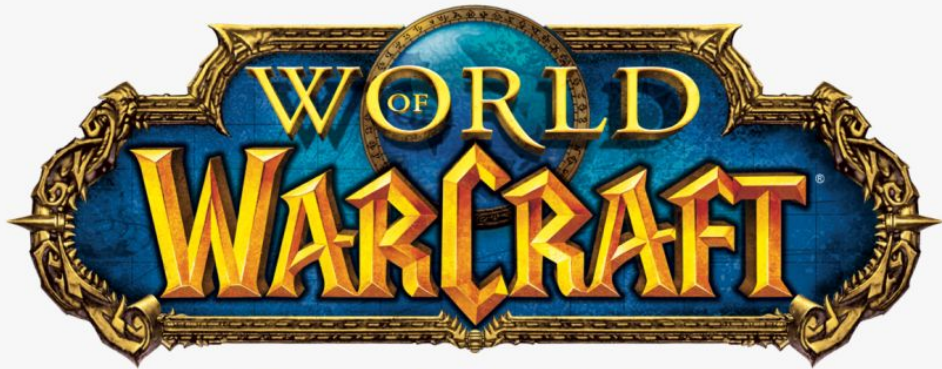
iTunes



tripadvisor®



Booking.com





skroutz

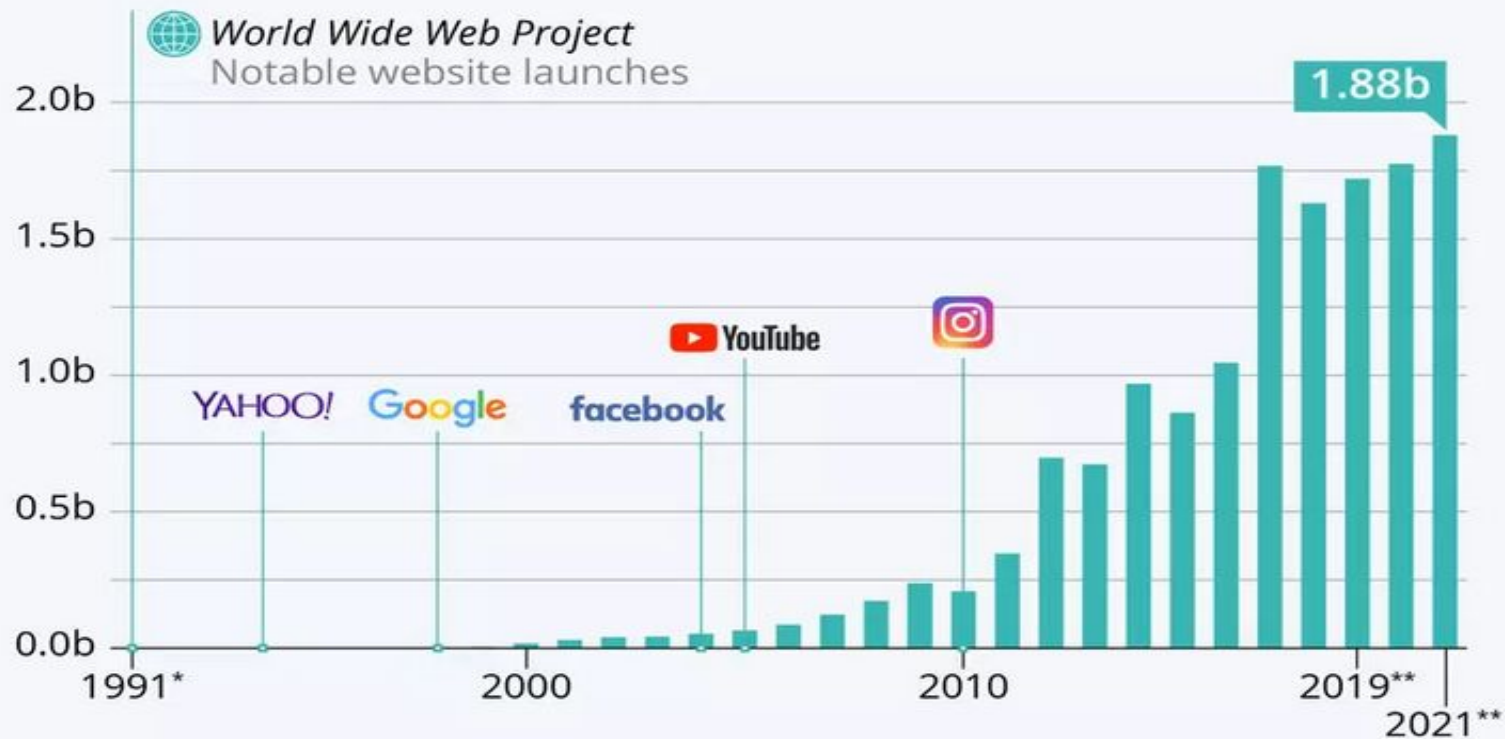
The logo for skroutz features a black silhouette of a top hat above the word "skroutz" in a bold, orange, lowercase sans-serif font.

viva.gr

The logo for viva.gr features the word "viva" in a colorful, lowercase sans-serif font, with each letter having a different color (orange, yellow, green, blue). The ".gr" is in a dark blue, lowercase sans-serif font.

How Many Websites Are There?

Number of websites online from 1991 to 2021



Surface Web

Exploring The Hidden Internet

4%

Deep Web

90%

Legal Documents

Government Records

Scientific Reports

Academic Records

Financial Records

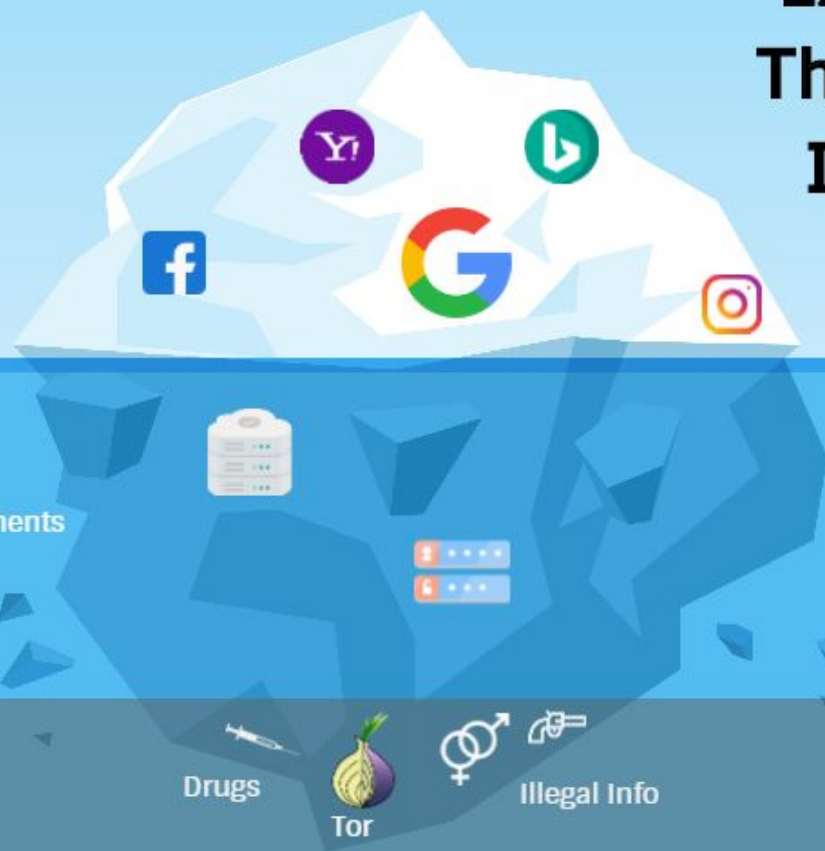
Dark Web

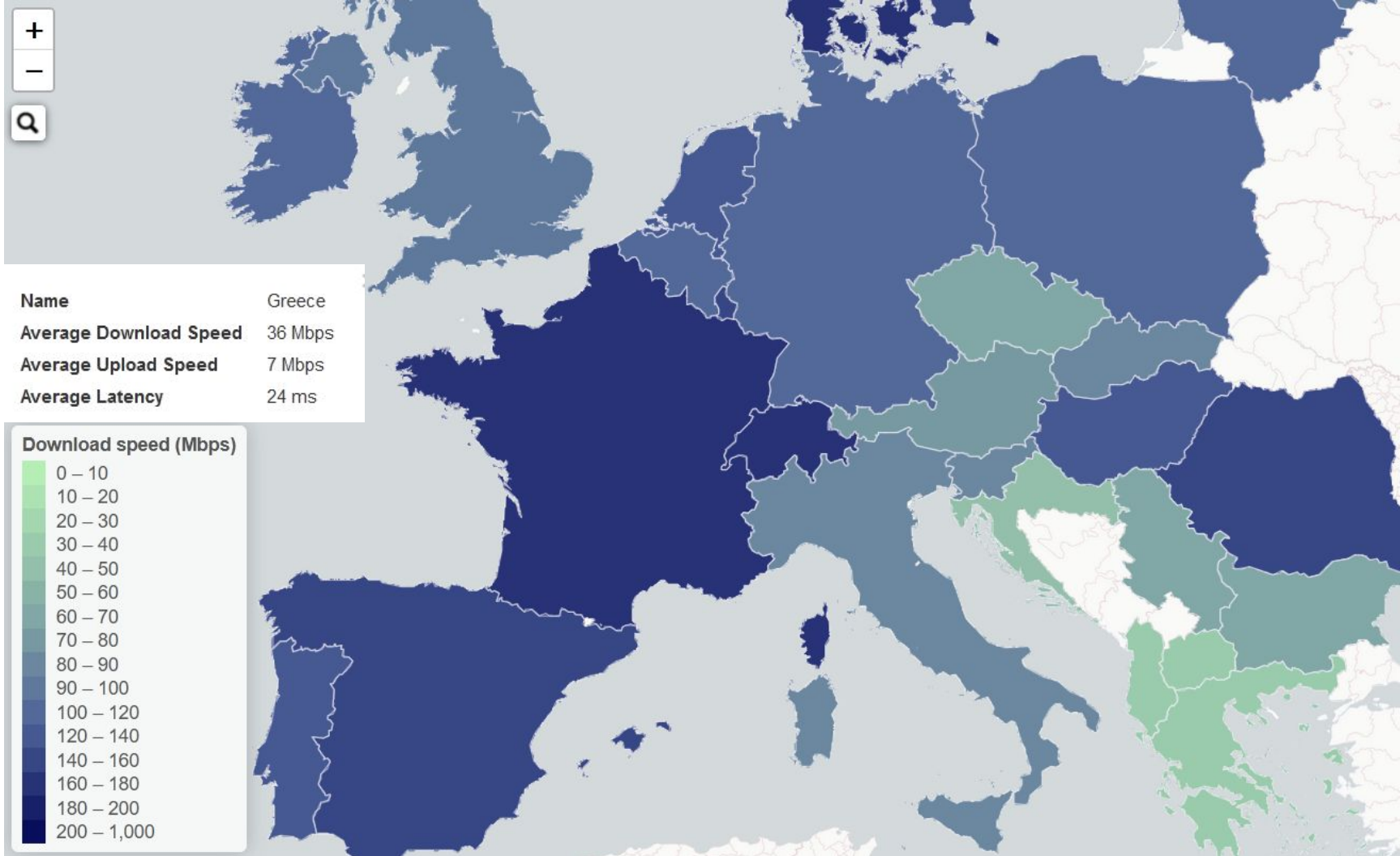
Drugs

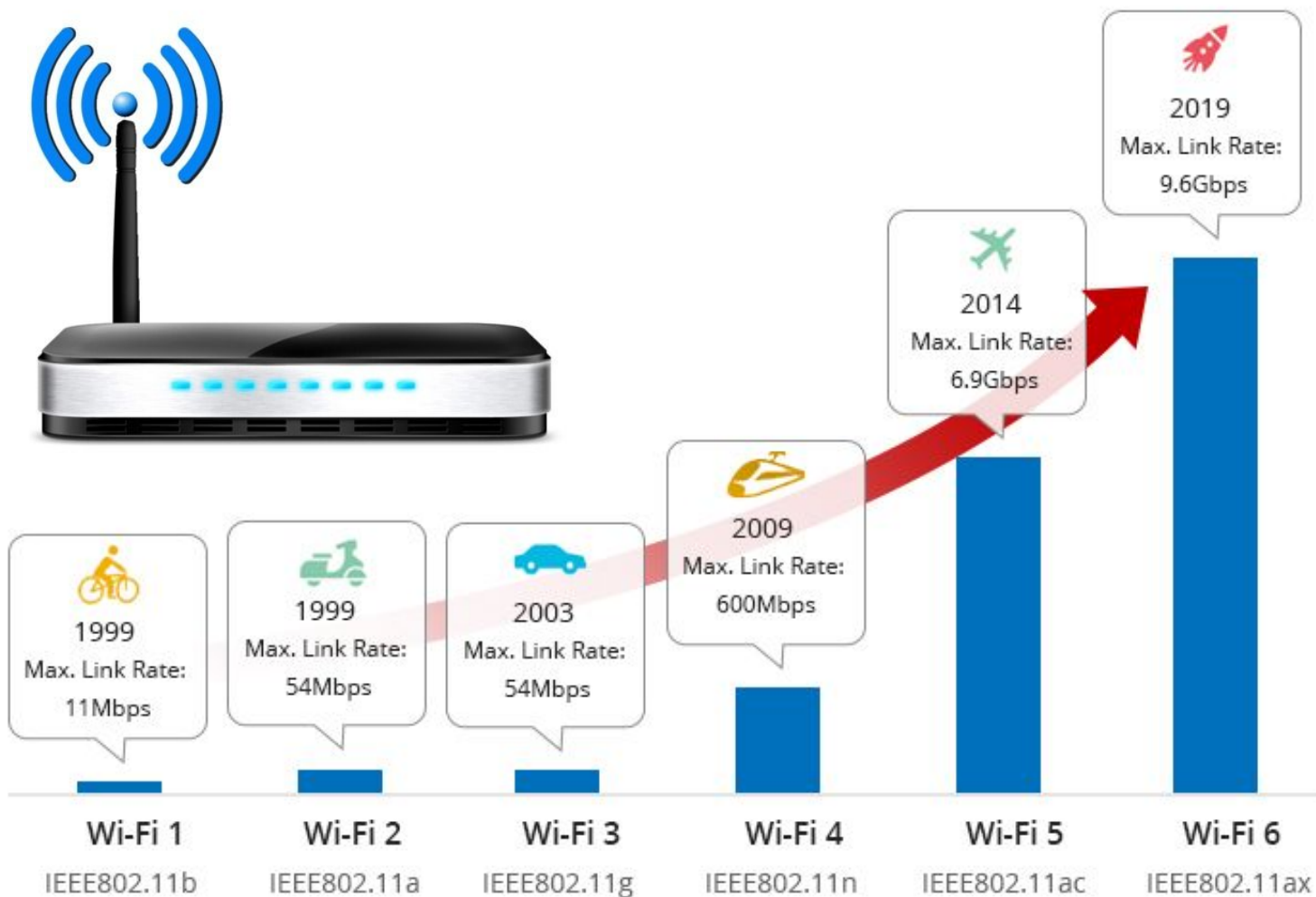
Tor

Illegal Info

6%







Διεθνή / Ο Έλον Μασκ δίνει στην Ουκρανία πρόσβαση στο δορυφορικό ίντερνετ Starlink

Δίνει στην Ουκρανία πρόσβαση στην υπηρεσία παροχής ίντερνετ μέσω δορυφόρου Starlink και στέλνει εξοπλισμό





COSMOTE Fiber: η οπτική ίνα έρχεται στο σπίτι



100%
οπτική ίνα
μέχρι το σπίτι



Ταχύτητες
100 & 200Mbps
Δυνατότητα αναβάθμισης σε **1Gbps**



Επιδότηση
μέσω δράσης του Υπουργείου
Ψηφιακής Πολιτικής Τηλεπικοινωνιών
και Ενέργειας



Διαθέσιμο σε
**συγκεκριμένες
περιοχές**



TECHNOLOGIES BEHIND THE METAVERSE

Artificial
Intelligence



Augmented Reality
and Virtual Reality



Internet
of Things

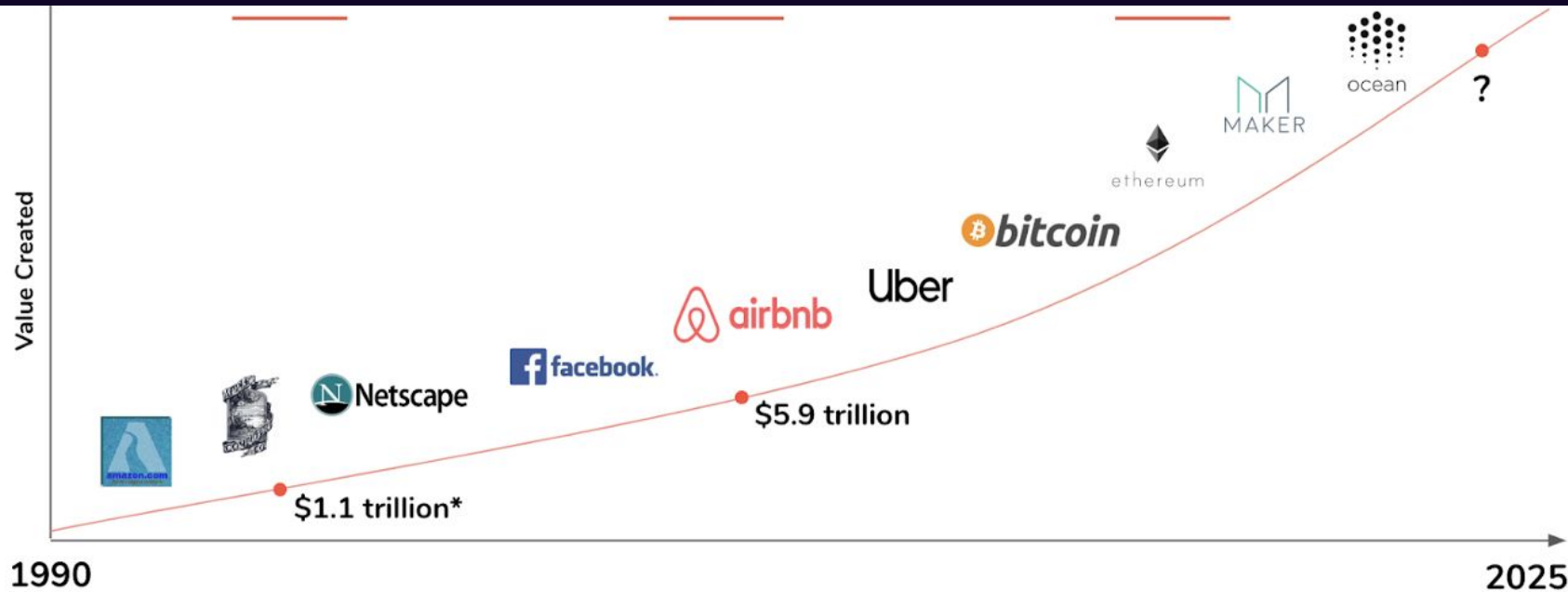


Blockchain



3D
Reconstruction



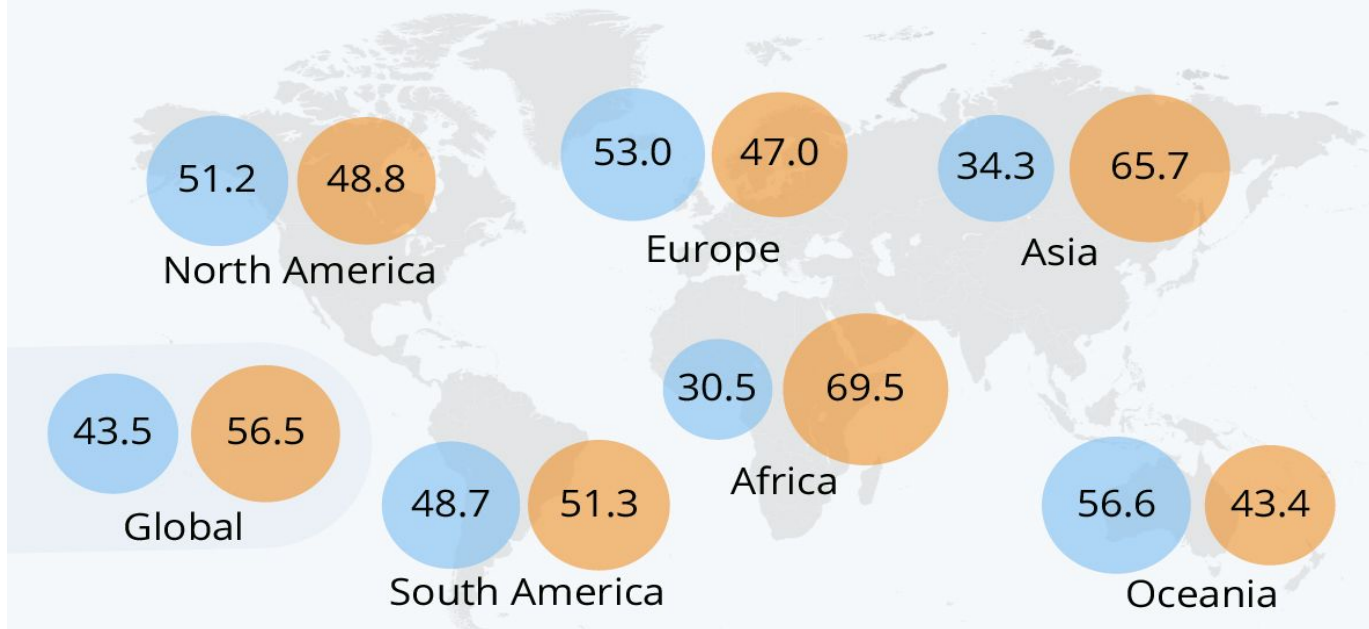


Majority of Internet Traffic Created on the Go

Global web traffic share by platform per region in 2021 (in %)*



● Desktop ● Mobile

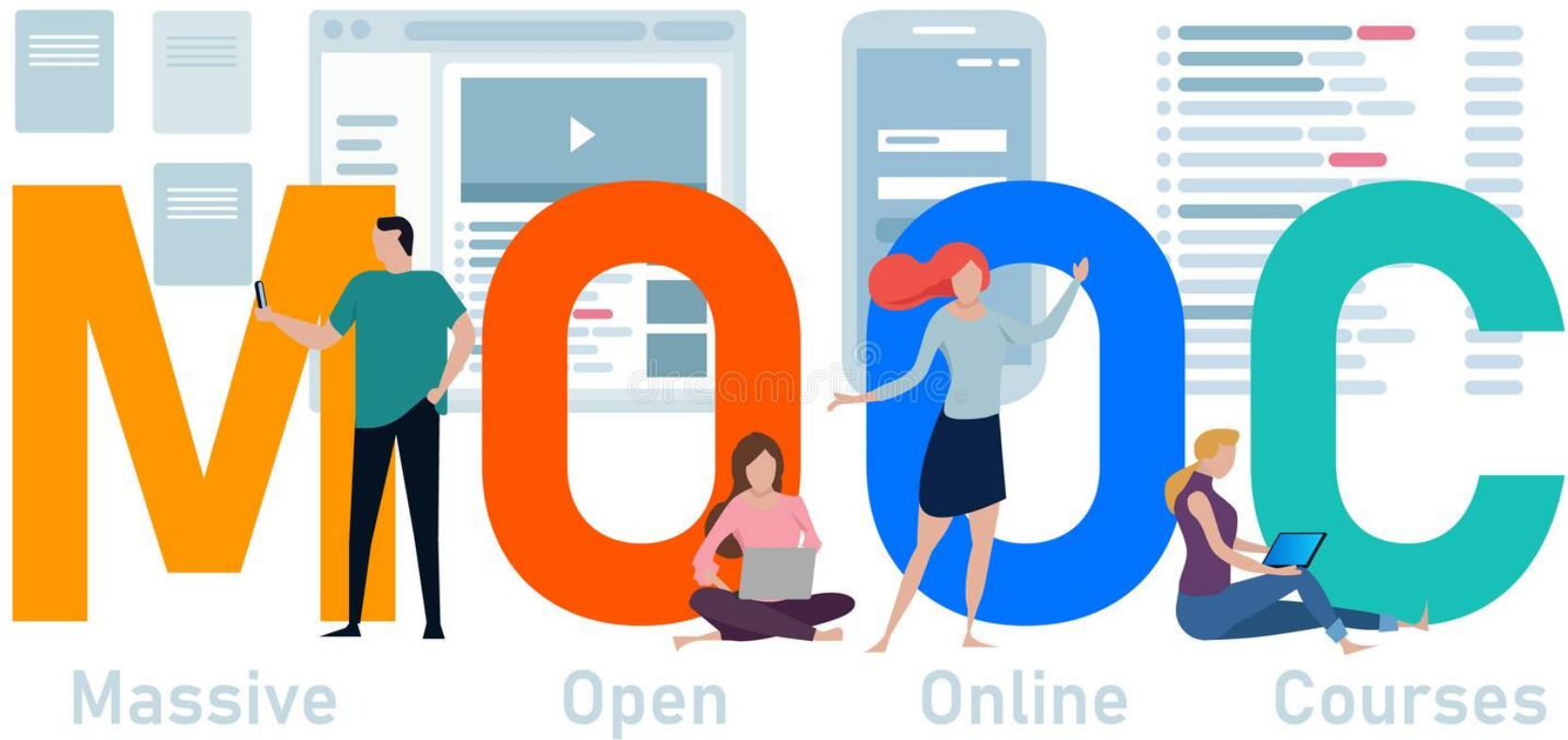






WORLD

**TELECOMMUNICATION
& INFORMATION SOCIETY DAY**



<https://www.opte.org/the-internet>

