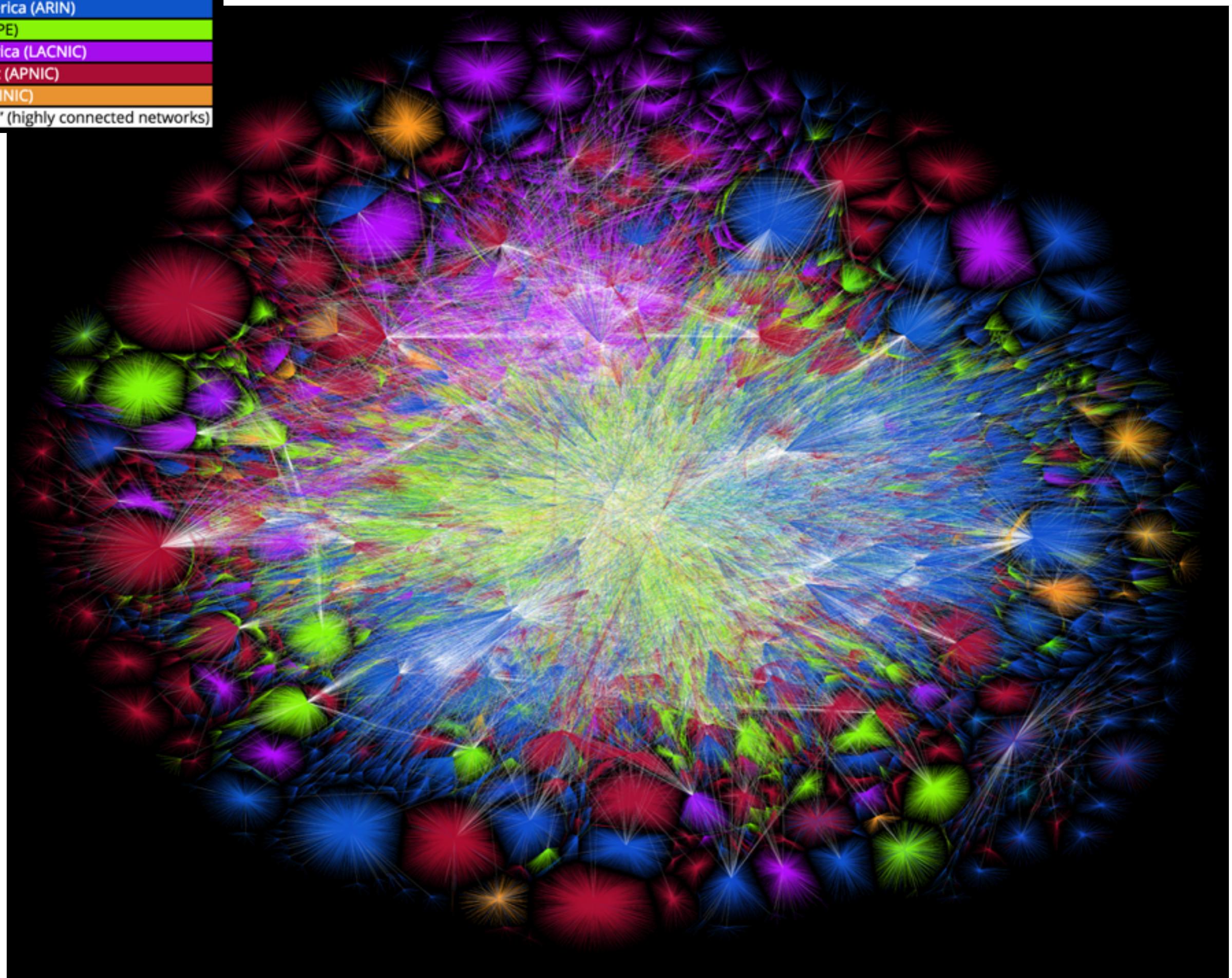
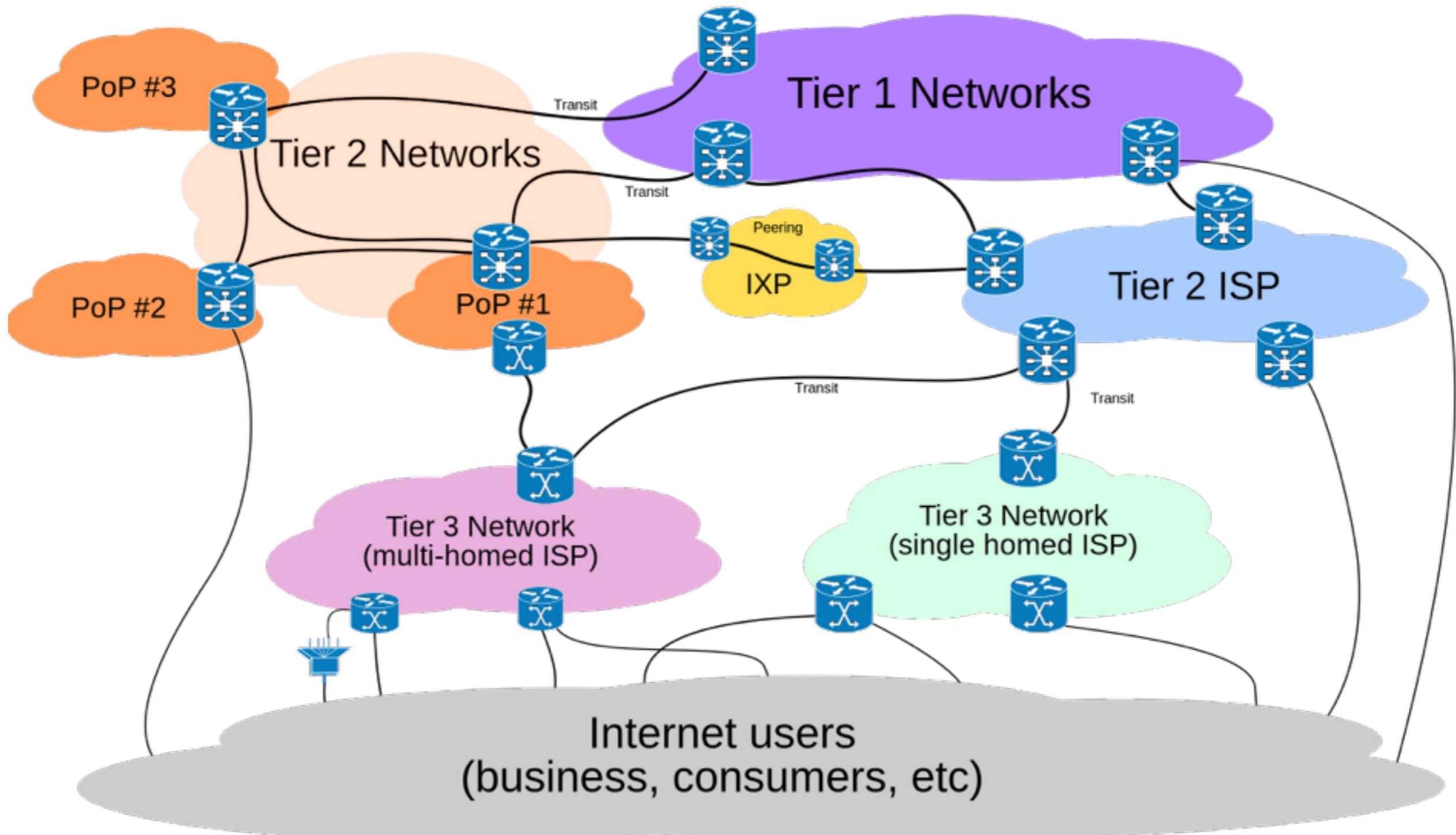


# INTERNET

North America (ARIN)
Europe (RIPE)
Latin America (LACNIC)
Asia Pacific (APNIC)
Africa (AFRINIC)
"Backbone" (highly connected networks)





An IPv4 address (dotted-decimal notation)

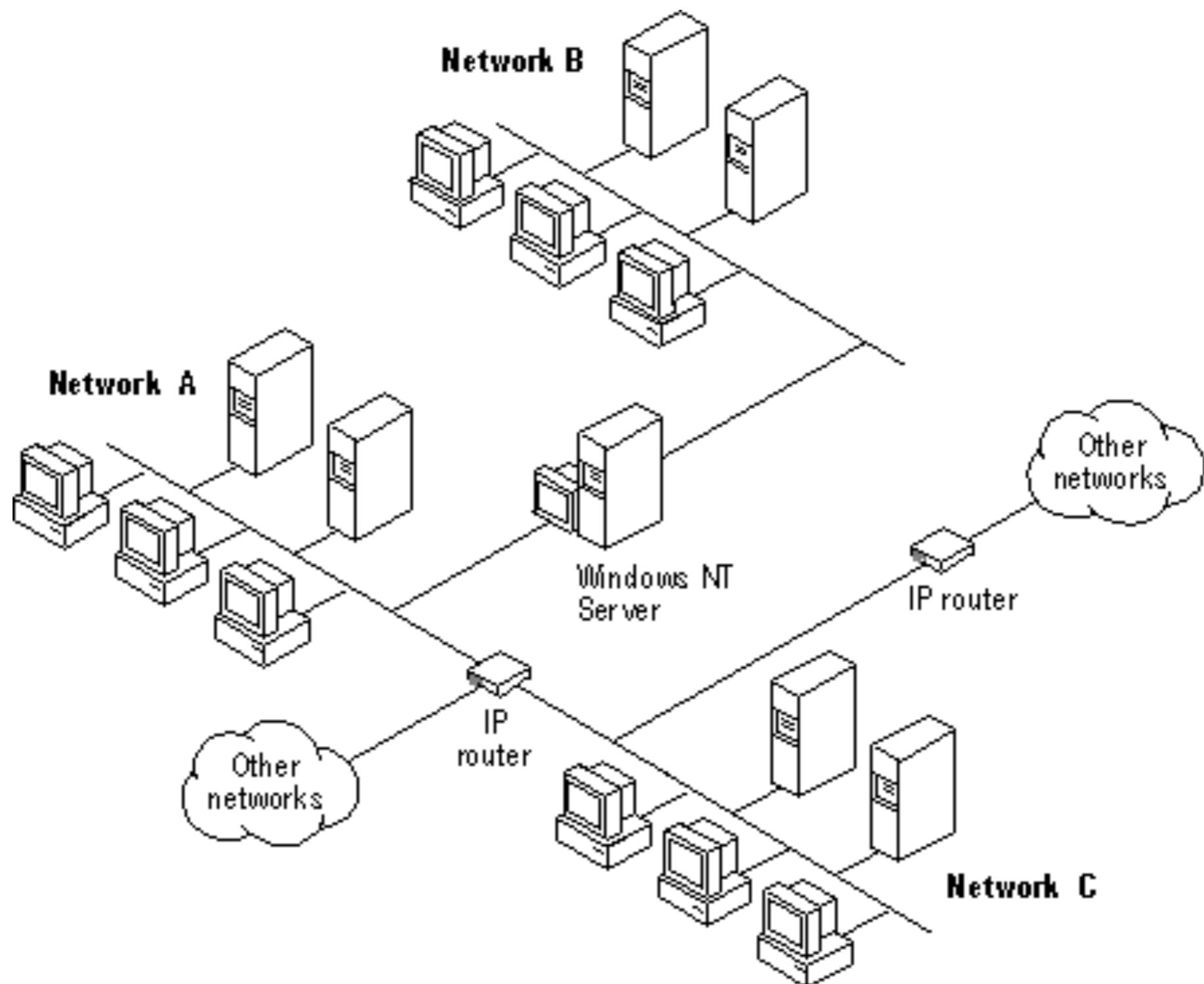
**172 . 16 . 254 . 1**

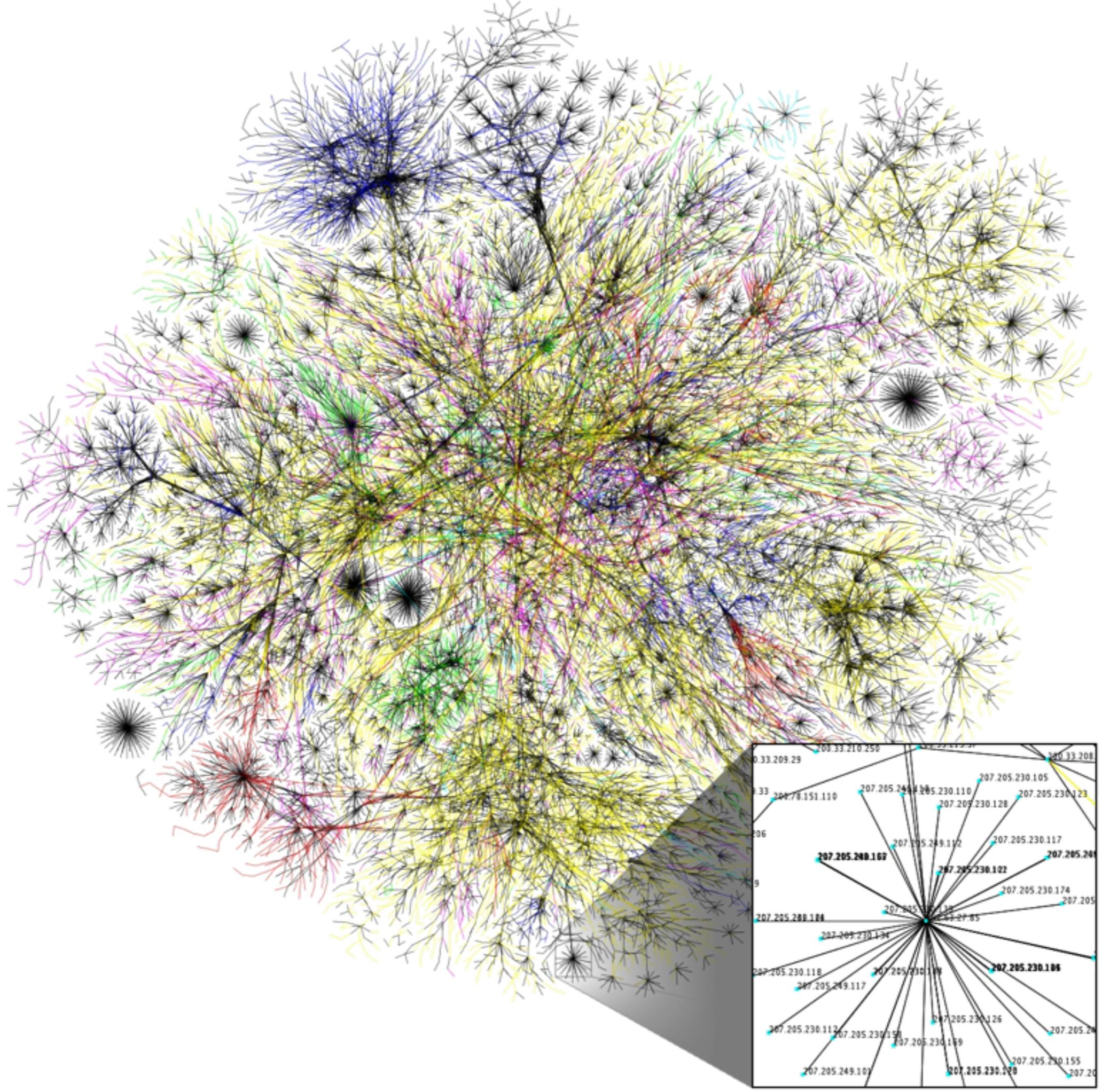


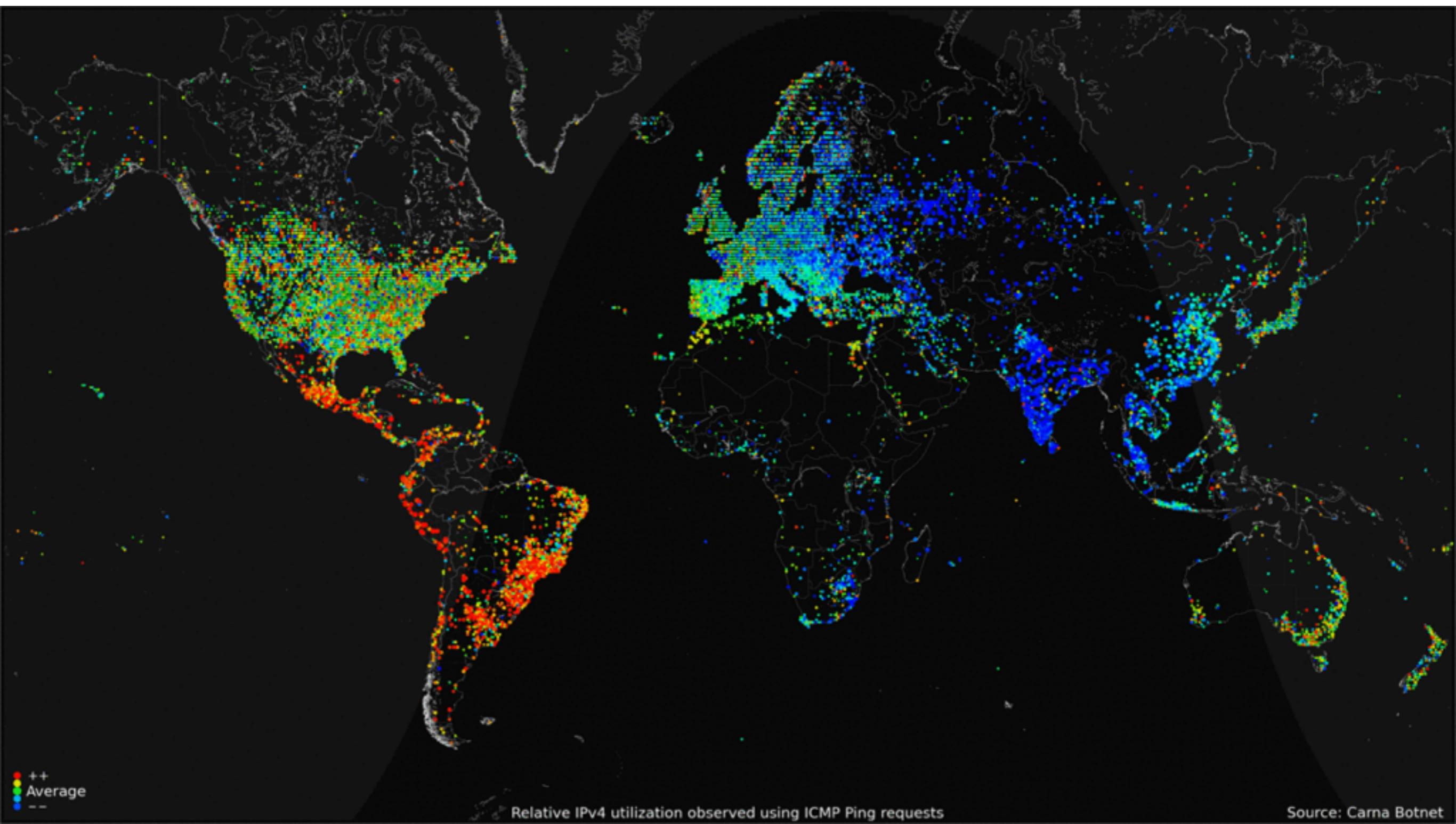
10101100 . 00010000 . 11111110 . 00000001

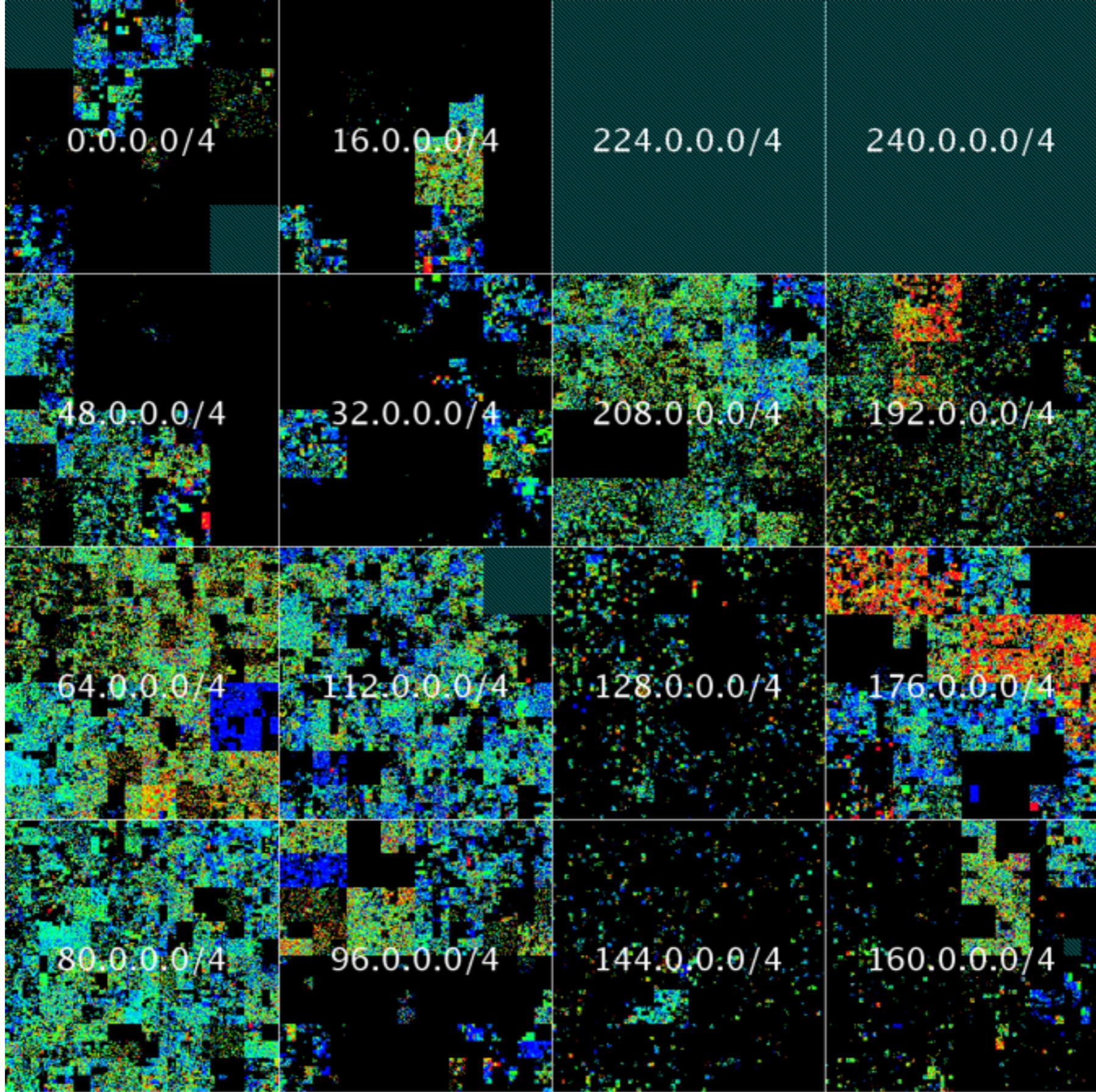
One byte = Eight bits

Thirty-two bits ( $4 \times 8$ ), or 4 bytes



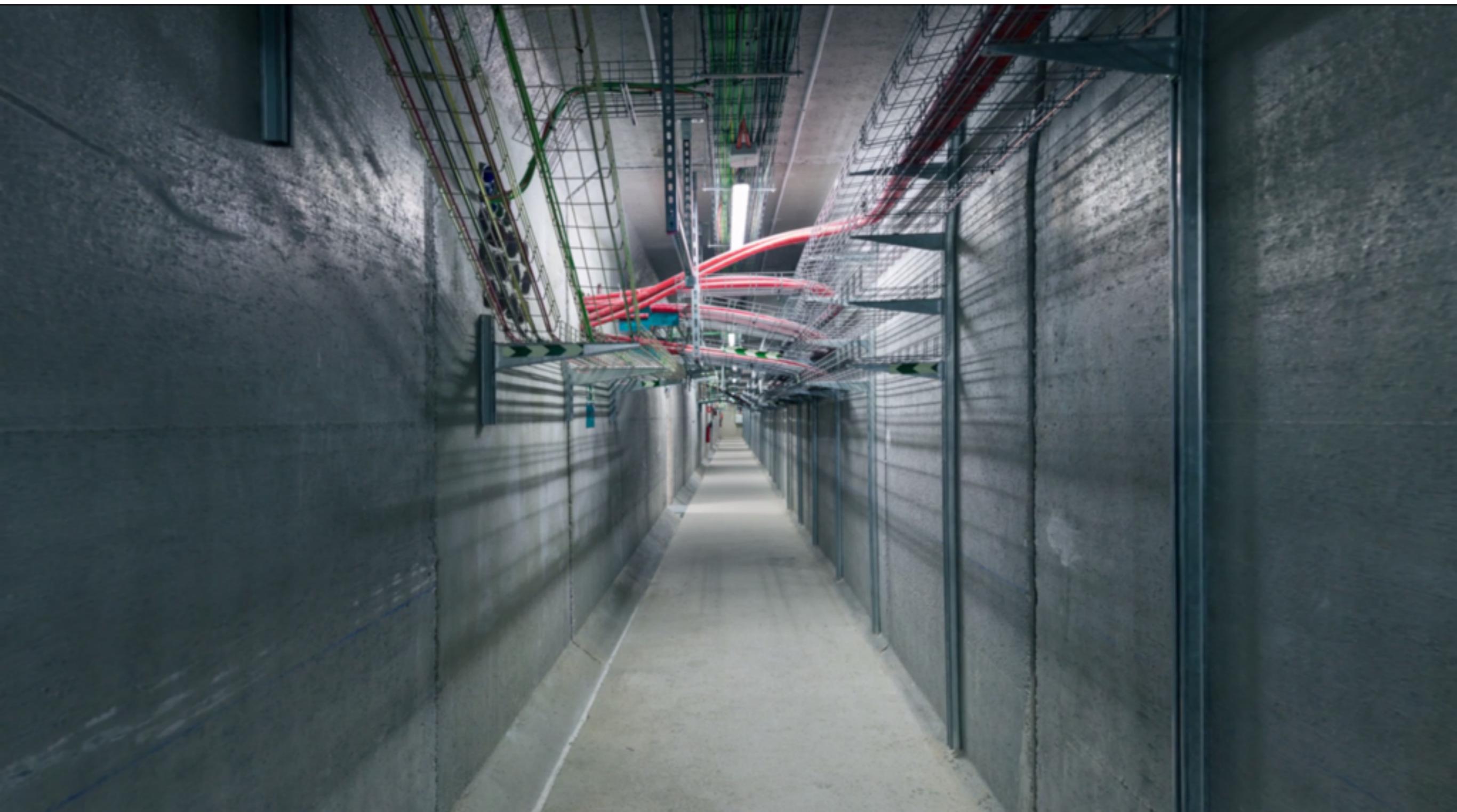


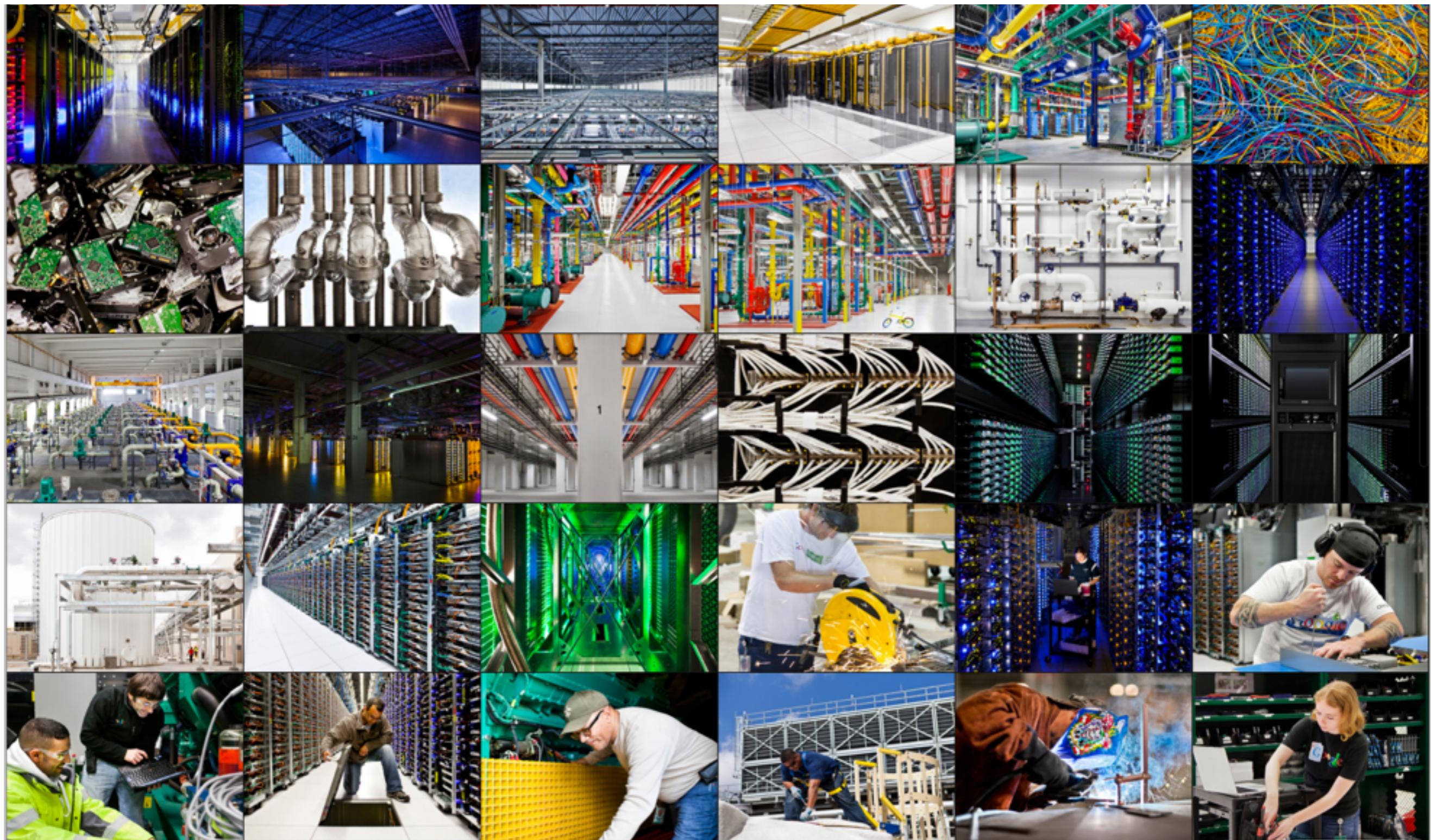


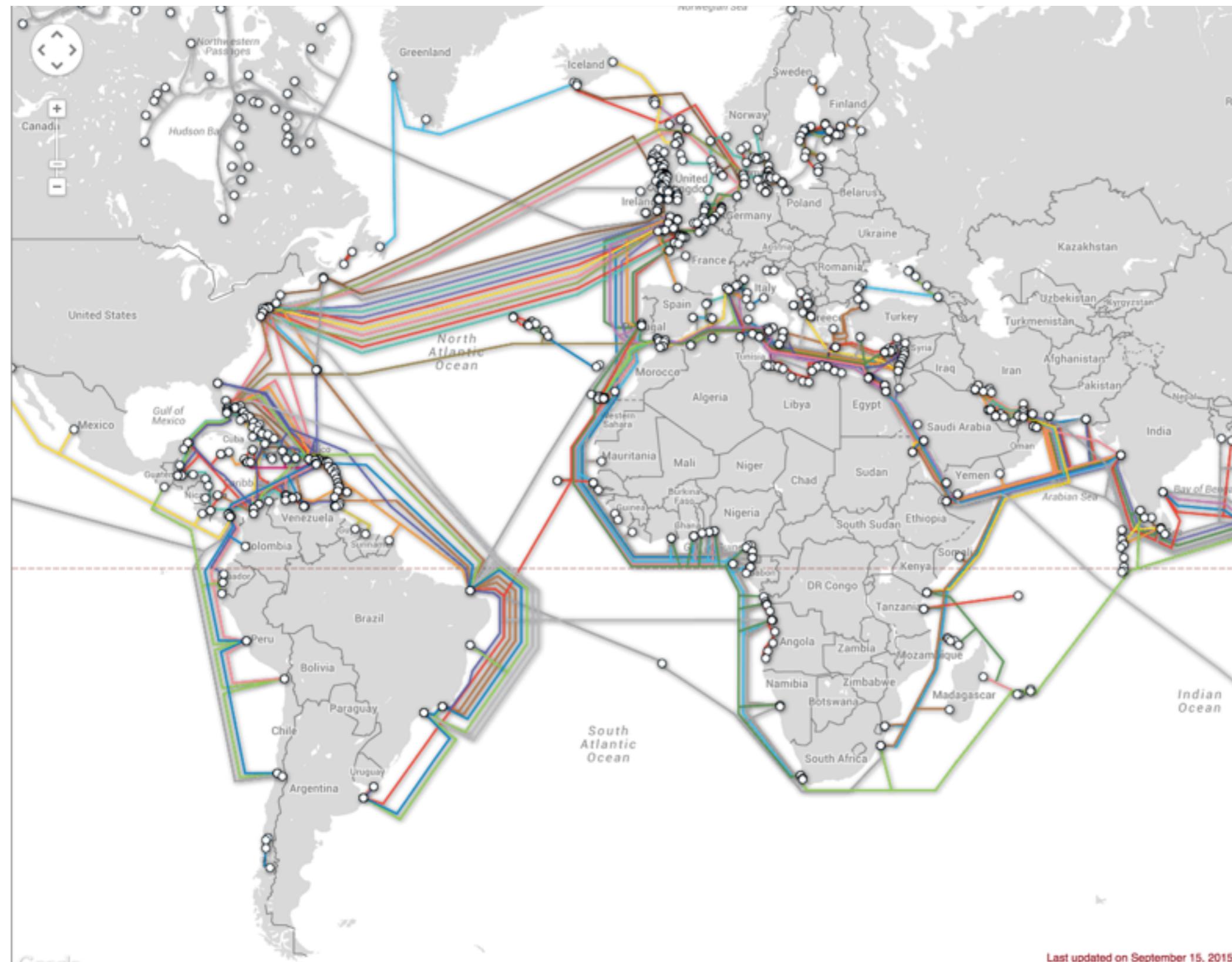


Relative IPv4 utilization observed using ICMP Ping requests

Source: Carna Botnet







## TeleGeography Submarine Cable Map

The [Submarine Cable Map](#) is a free resource from TeleGeography. Data contained in this map is drawn from the [Global Bandwidth Research Service](#) and is updated on a regular basis.

To learn more about TeleGeography or this map please click [here](#).



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### Q Search

#### Submarine Cables

- ACS Alaska-Oregon Network (AKORN)
- Aden-Djibouti
- Adria-1
- AEConnect (AEC)
- Africa Coast to Europe (ACE)
- ALASIA
- Alaska United East
- Alaska United Southeast
- Alaska United Turnagain Arm (AUTA)
- Alaska United West
- ALBA-1
- Aletar
- Alonso de Ojeda
- ALPAL-2
- America Movil Submarine Cable System-1 (AMX-1)
- American Samoa-Hawaii (ASH)
- Americas-I North
- Americas-II
- Amerigo Vespucci
- Angola Domestic Network System (ADONES)
- Antillas 1
- APCN-2
- Aphrodite 2
- Apollo
- APX-Central
- APX-East
- APX-West
- Aqualink
- ARCOS
- Arctic Fibre

Author: Michael P. Johnson, © 2015 TeleGeography

Last updated on September 15, 2015

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