Overview of ICANN

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Agenda

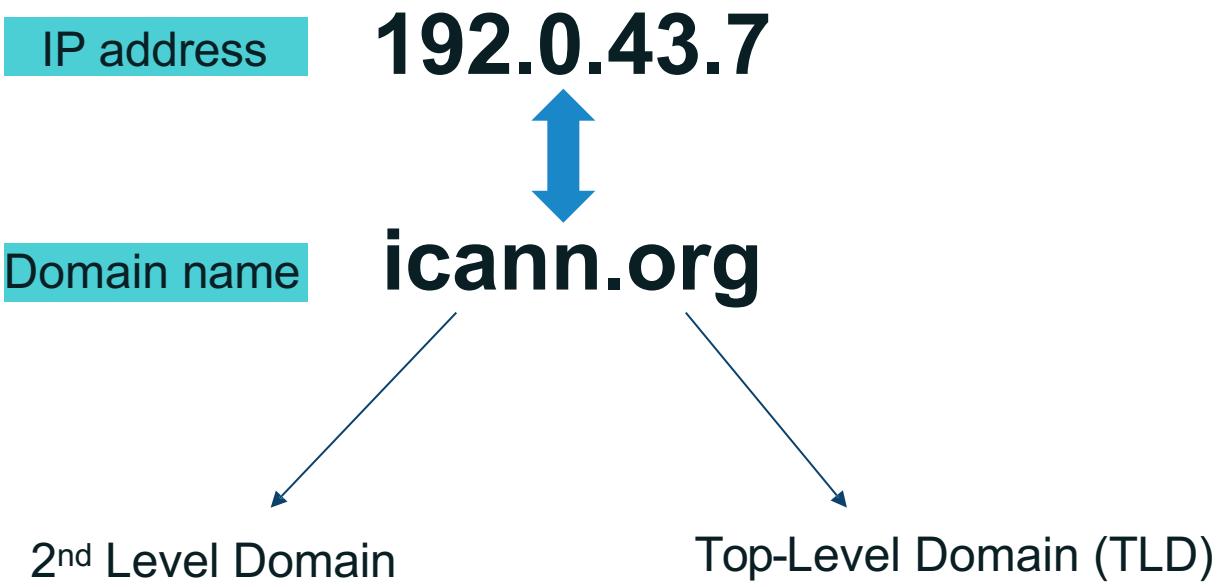
- How the Internet works
  - Domain Name & the Domain Name System (DNS)

- Internet Governance (IG) Ecosystem
  - ccTLD operators, Regional Internet Registries (RIRs) & Internet Engineering Task Force (IETF)
  - ICANN Multistakeholder Community: Supporting Organizations (SOs) & Advisory Committees (ACs)

- Key IG issues
  - How can we mitigate DNS Abuse?
  - How do we bring the unconnected online through the next gTLD round?
  - How do we make the Internet more multilingual?

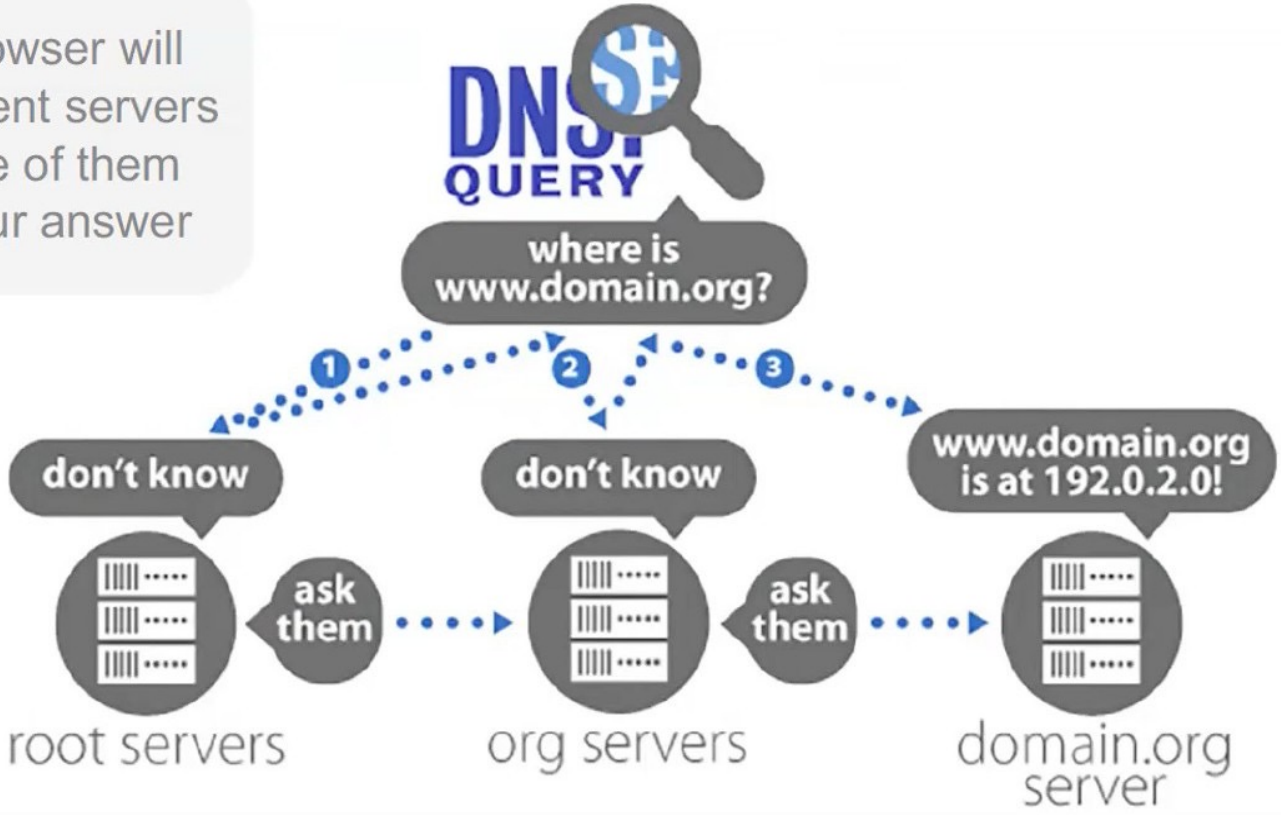
How does the Internet work?

Domain Name


IP address
192.0.43.7
Domain name
icann.org
2nd Level Domain
Top-Level Domain (TLD)

Domain Name System (DNS): Coordinating domain names

Your browser will ask different servers until one of them finds your answer

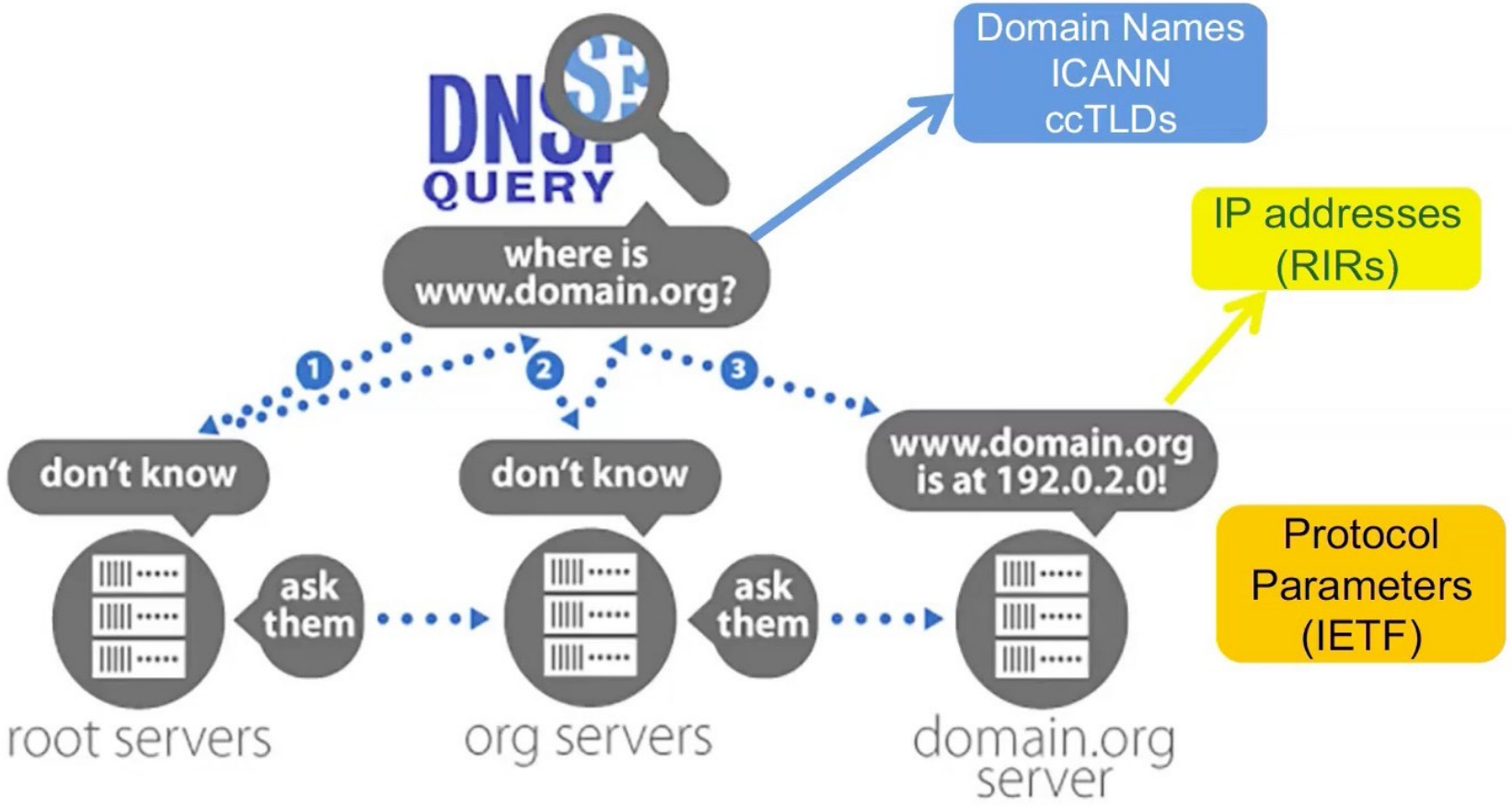


Without the DNS, we wouldn't have a global, interoperable Internet.

ICANN's role is to ensure an effective and coordinated management of names at the root level of the DNS (the highest level of the DNS structure). Along with its technical partners, ICANN helps keep the DNS working. Our joint efforts help ensure the Internet remains stable, secure, and interoperable.

Who makes up the Internet Governance ecosystem?

DNS Ecosystem



The ICANN Multistakeholder Community

ICANN follows a bottom-up, multistakeholder model in which individuals, non-commercial organizations, industry, and governments play important roles in its community-based, consensus-driven, policymaking approach.

https://www.icann.org/community

ICANN Multistakeholder Community

MAKING POLICY:

Three Supporting Organizations (SOs) in the ICANN community are responsible for developing policy recommendations in the areas they represent: IP addresses; generic top-level domains (gTLDs); and country code top-level domains (ccTLDs).

PROVIDING ADVICE:

Four Advisory Committees (ACs) give advice and make recommendations on ICANN topics. The ACs are made up of representatives from: governments and international treaty organizations; root server operators; Internet security experts; and Internet end users.

What are some of the key Internet Governance issues being discussed?

Key Internet Governance (IG) issues

- DNS Abuse
  - How should we mitigate it?
  - Who needs to be involved?
- Next gTLD round
  - How do we help to connect more people online?
  - How do we develop the domain name industry, especially in underrepresented communities/regions?
- Multilingual Internet
  - How do we make the Internet more accessible for those who do not speak English/latin-based languages?
  - How do we ensure that Internet applications can support domain names in various scripts (i.e. Internationalized Domain Names)?

Question for breakout discussion:

What can ICANN do to address DNS Abuse?