Governance of the Internet

APIGA 2023

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What You'll Learn

- Governance *on* the Internet vs Governance *of* the Internet

- What are unique identifier systems?

- The different organizations in Governance of the Internet, their governance model and their roles

- Current issues and how you can participate

Session Rundown

- Overview: Governance of the Internet

- Organisations/Platforms Introduction
    - IP addresses: RIRs (APNIC)
    - Domain Names: ICANN (gTLDs) & ccTLDs
    - Standards and Protocols: IETF

- Breakouts: Current Issues and how you can participate

- Presentations (tomorrow)

- Wrap Up

Speakers

Athena Foo

Stakeholder Engagement
Manager, APAC, ICANN

Dr. Kenny Huang

Managing Director
& CEO, TWNIC

Pablo Hinojosa

Strategic Engagement
Director, APNIC

Dhruv Dhody

Chief Architect
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Governance of the Internet

Internet's Unique Identifiers

Anything connected to the Internet – including computers, mobile phones and other devices – has a unique number called its IP address. IP stands for Internet Protocol.

This address is like a postal address. It allows messages, videos and other packets of data to be sent from anywhere on the Internet to the device that has been uniquely identified by its IP address.

IP addresses can be difficult to remember, so instead of numbers, the Internet's domain name system uses letters, numbers and hyphens, to form a name that is easier to remember.

How Does the Internet Work?

- The Internet is about computers/devices connecting to one another

- For this to happen, they must have 'unique identifiers'
  - Speak the same language – 'protocol'
  - Be able to find one another – 'IP address'
  - Be identified in a way we can remember – 'domain name'

Internet Governance

- Internet Engineering Task Force (IETF)
  - Set global standards for Internet protocols

- Regional Internet Registries (RIRs)
  - Discuss how IP addresses are distributed around the world
  - Asia Pacific Region: APNIC

- Internet Corporation for Assigned Names and Numbers (ICANN)
  - Discusses the evolution of domain names

Breakouts (15 mins)

- Learn about the following from your speaker(s)

  - What are some current issues being discussed at their organisation/platform?

  - How can one participate? What are some tips/tricks?

- Build **2-3 slides**

  - Groups to present tomorrow (12-15 mins each)