

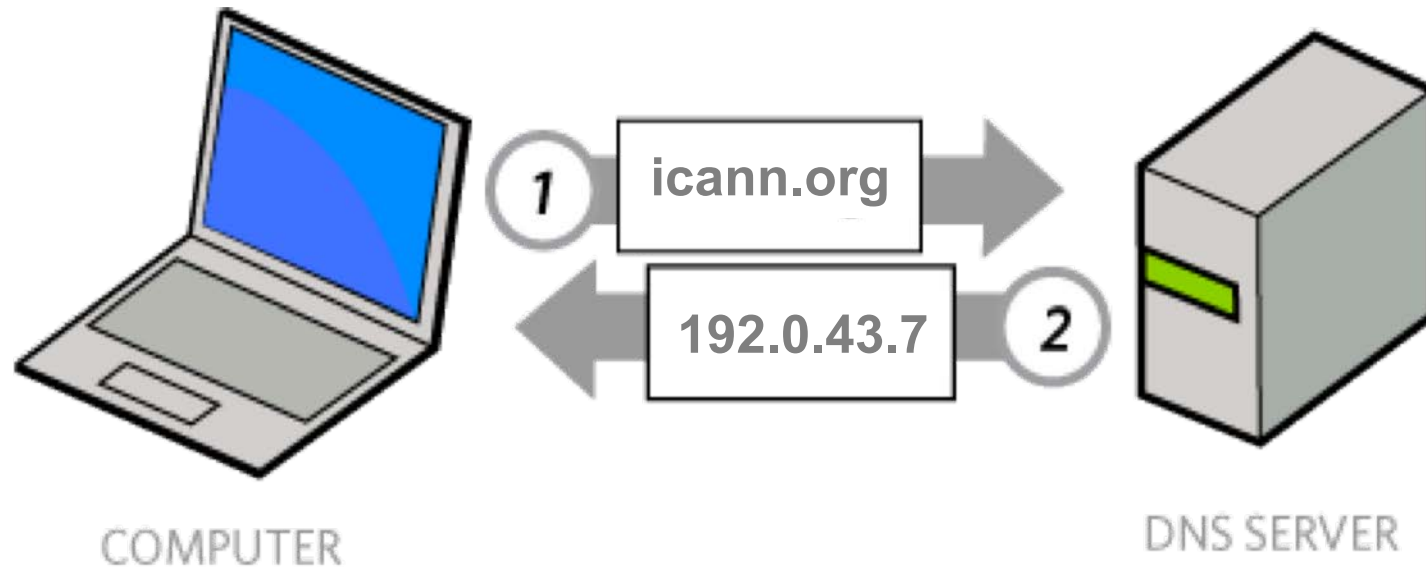
Introduction to ICANN



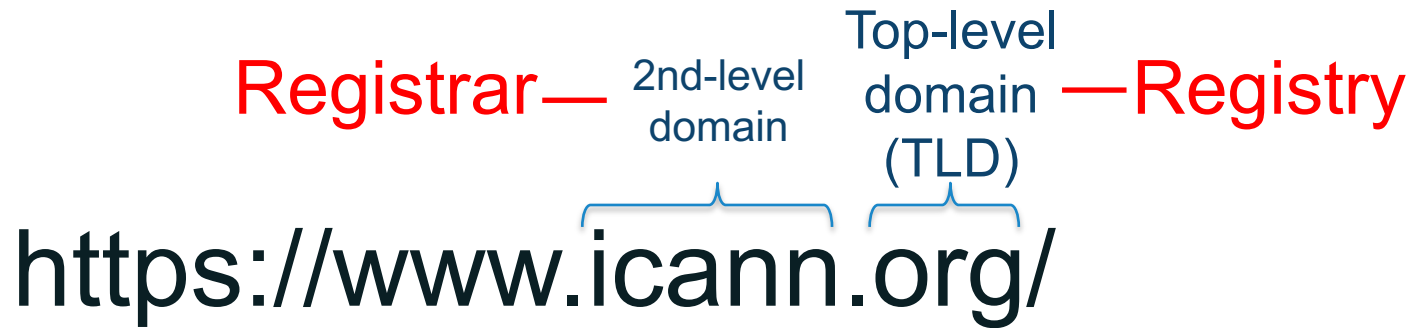
Joyce Chen
Senior Manager, GSE Strategy & Development

About the Domain Name System (DNS)

Domain Name System (DNS)



Internet's Unique Identifiers



Domain Name

- ⦿ Generic TLD (gTLD) – .com, .net, .org
- ⦿ Country code TLD (ccTLD) – .mm, .sg
- ⦿ Internationalized Domain Name (IDN) – .संगठन, .游戏, .شبكة

Internet Protocol (IP) Address

- ⦿ IPv4 – (192.0.43.7)
- ⦿ IPv6 – (2001:500:88:200::7)

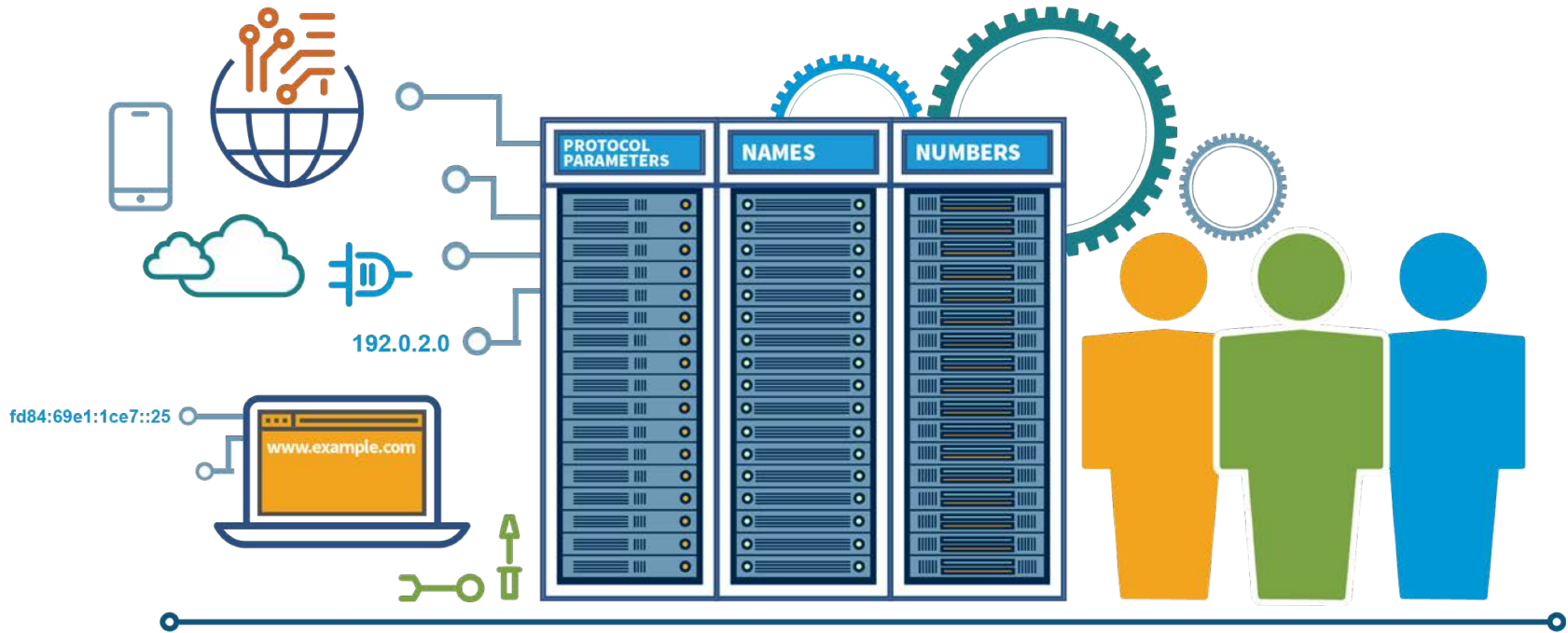
*Domain Names and IP Addresses are the Internet's **Unique Identifiers***

About ICANN

About ICANN

ICANN's mission:

- Coordinate the global Internet's unique identifiers
- Ensure the stable and secure operation



**Coordinating with our partners,
we help make the Internet work.**

ICANN Ecosystem



The 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).



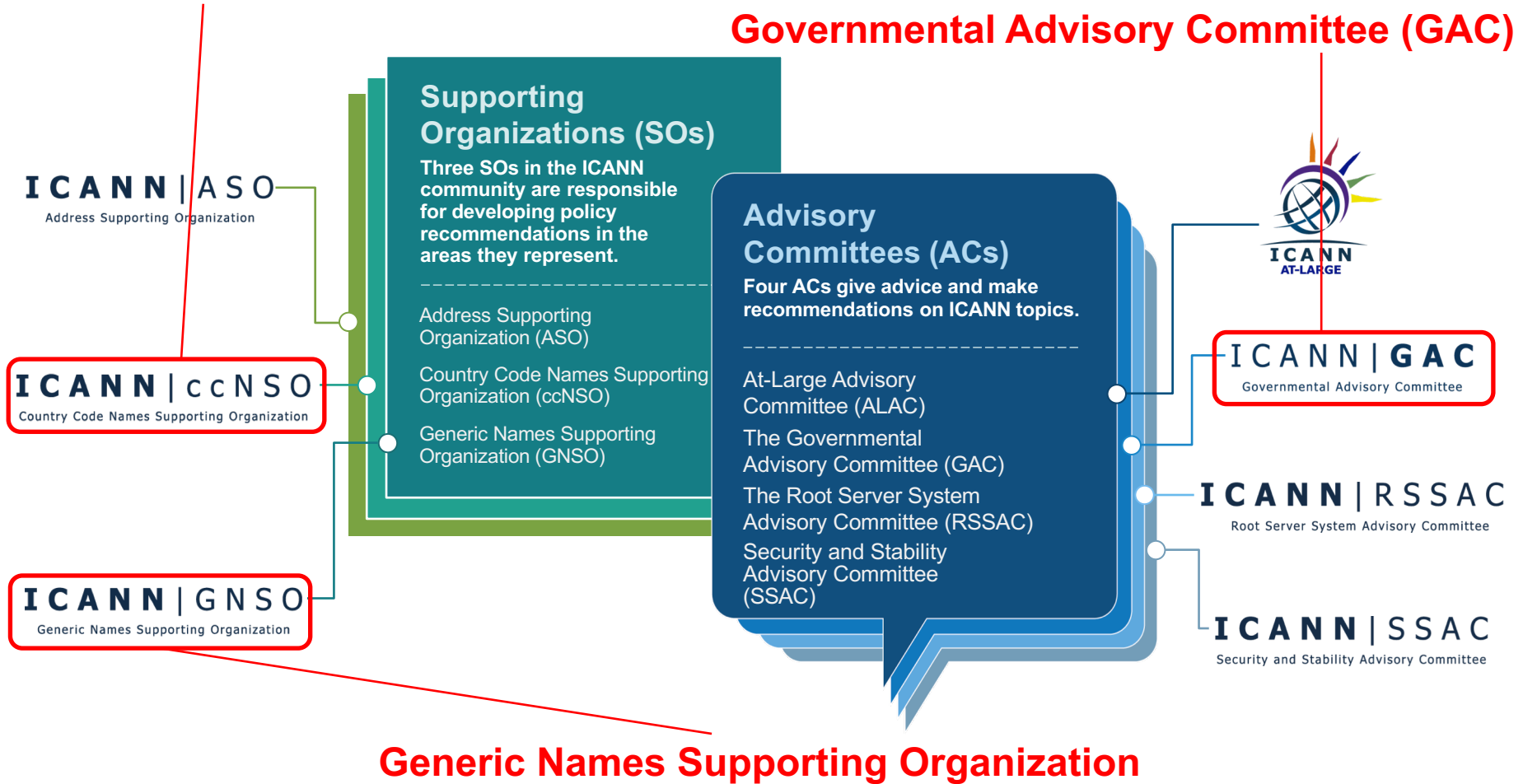
PROVIDING ADVICE:

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.



Exploring ICANN's Multistakeholder Community

Country Code Names Supporting Organization



ICANN's Global Presence



Contact us ▶

www.icann.org/contact

Regional Offices:

Los Angeles, U.S.A
(Headquarters)
Brussels, Belgium
Istanbul, Turkey
Montevideo, Uruguay
Singapore

Engagement Centers:

Beijing, China
Geneva, Switzerland
Nairobi, Kenya
Washington, D.C., U.S.A.

Partnership Centers:

Asunción, Paraguay
Cairo, Egypt
Seoul, Republic of Korea

ICANN's Global Community

Our multistakeholder approach:

Working with governments, registries, registrars, technical community, businesses, civil society, academia, end-users, etc.



Engaging with ICANN



Operate with APAC Stakeholders at the Core

- ◉ Develop Sustainable Stakeholder Relationships
- ◉ Facilitate Community Collaboration
- ◉ Build and Strengthen Capabilities

Community-Led: ICANN APAC Space



discuss@apacspace.asia

Community-Led: ICANN Readout



- Community-driven initiative
- Post-ICANN Meeting debrief
- Held in China, Japan, India after every ICANN meeting

Contributing to a Secure, Stable, and Resilient Internet



Capacity Development

- DNS Management
- DNS Security
- KSK Rollover



Root Server Instance Deployment



DNSSEC Deployment

Asia Pacific Internet Governance Academy (APIGA)



- Collaboration with Korea Internet & Security Agency (KISA) and other regional orgs
- APIGA alumni contribute back in IG fora and within ICANN community

[https://community.icann.org/display/GSEAPAC/Asia+Pacific+Internet+Governance+Academy+\(APIGA\)+2018](https://community.icann.org/display/GSEAPAC/Asia+Pacific+Internet+Governance+Academy+(APIGA)+2018)

Next Wave of the Internet

New gTLD Program – The DNS is Expanding

edu biz gov
mobi de cc us me
store com mil
tv firm tel CO int
net info org

22 > 1,230



Business

.NIKE
.CHANEL



Group/ Community

.WIKI
.SHOP



Region

.NYC
.TOKYO



Internationalized Domain Name

.网址
.コム

उदाहरण.परीक्षा

例子.测试

실례.테스트

例え.テスト

Internationalized Domain Names allow people around the world to access domain names in their local languages.

New gTLDs and IDNs – High Potential for Asia

Now...

4 billion Internet users



300 million domain names

Near future...

? billion Internet users



?00 million domain names

Bigshotphotography.com

vs

Bigshot.photography

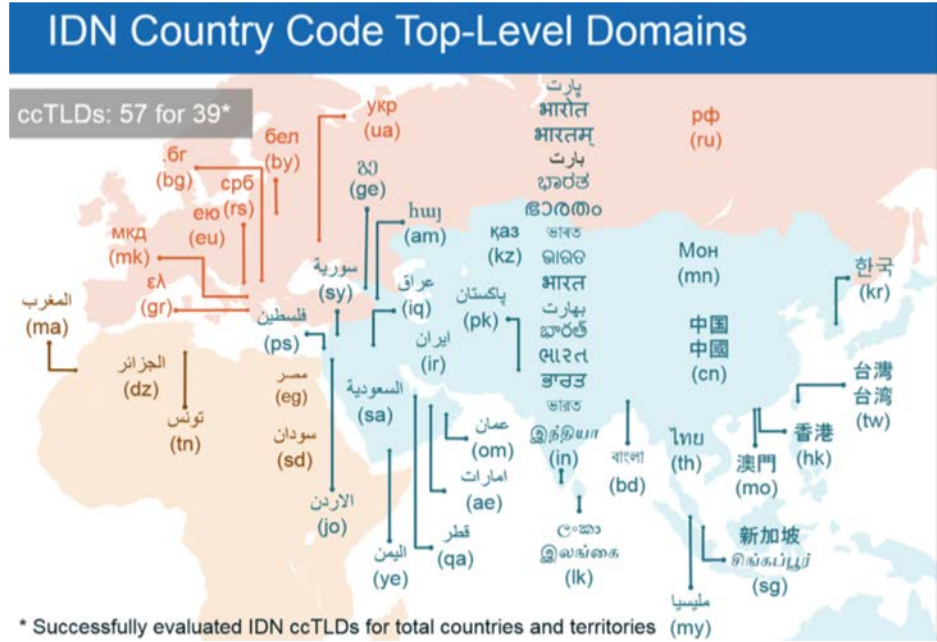
Source: [ICANN Report on Competition, Consumer Trust and Consumer Choice Review](#)

New gTLDs and IDNs – High Potential for Asia

cafe.com

VS

ตัวอย่าง.ไทย



IDNs will help pave the way to a truly multilingual Internet

Get Involved in ICANN

Upcoming Meetings



To find out how to participate, go to:
<https://meetings.icann.org/en/about>



For a schedule of past and upcoming meetings, go to:
<http://meetings.icann.org/calendar>



If you belong to an organization that is interested in having an exhibit at a meeting or in sponsoring a meeting, please contact:
meeting-sponsorship@icann.org



Get Involved and Informed



Attend an ICANN Public Meeting. Three times a year, ICANN holds free and open public meetings in different regions around the world. Visit meetings.icann.org to learn more.



Visit go.icann.org/journey to learn how you can attend an ICANN Public Meeting as part of the NextGen@ICANN or ICANN Fellowship programs.



Take a free online course at learn.icann.org.



Attend events in your region.



Find and participate in an ICANN community group by visiting icann.org/community.



Sign up for ICANN news alerts and regional newsletters.

Programs Available



Fellowship

Global Capacity Building Program to support ICANN's Multistakeholder community; online application process 3x year around an ICANN Meeting (1 Mtg for Alumni only)



NextGen

Regionally based Program to create awareness and promote future discussions within universities and other regional forums; online application process 3x a year around an ICANN Meeting



Newcomer

Those just entering the ICANN community can self-educate using the Newcomer webpage or participate in person or remotely at the ICANN Meeting Newcomer Sunday

Watch Fellowship and NextGen video:

https://www.youtube.com/watch?v=nrV_ZkDEfIQ



Watch Newcomer video:

<https://www.youtube.com/watch?v=da1RQt9-e-g>



Engage with ICANN



One World, One Internet

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slideshare/icannpresentations



soundcloud/icann