

Internet Corporation for Assigned Names and Numbers (ICANN)

Fahd Batayneh

Global Stakeholder Engagement Sr. Manager, Middle East, ICANN

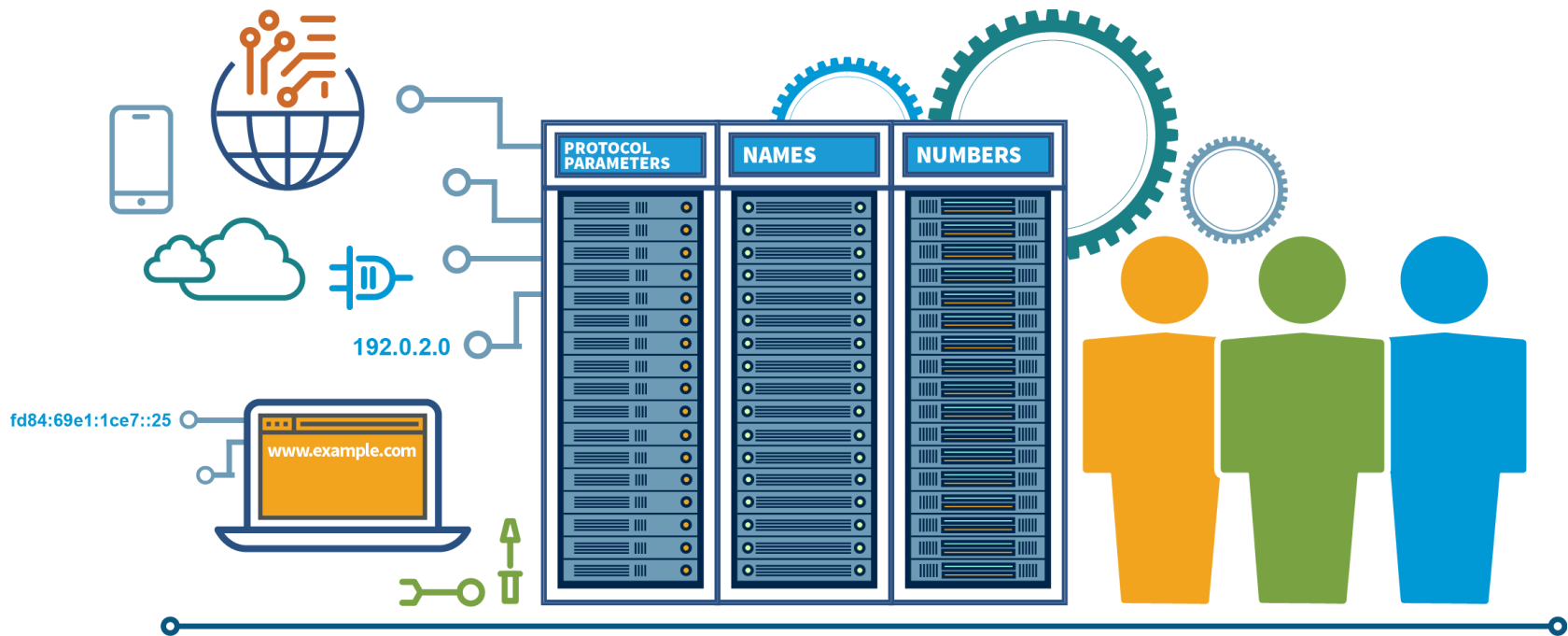
PK ICANN Training Track

8 August 2021



Overview






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



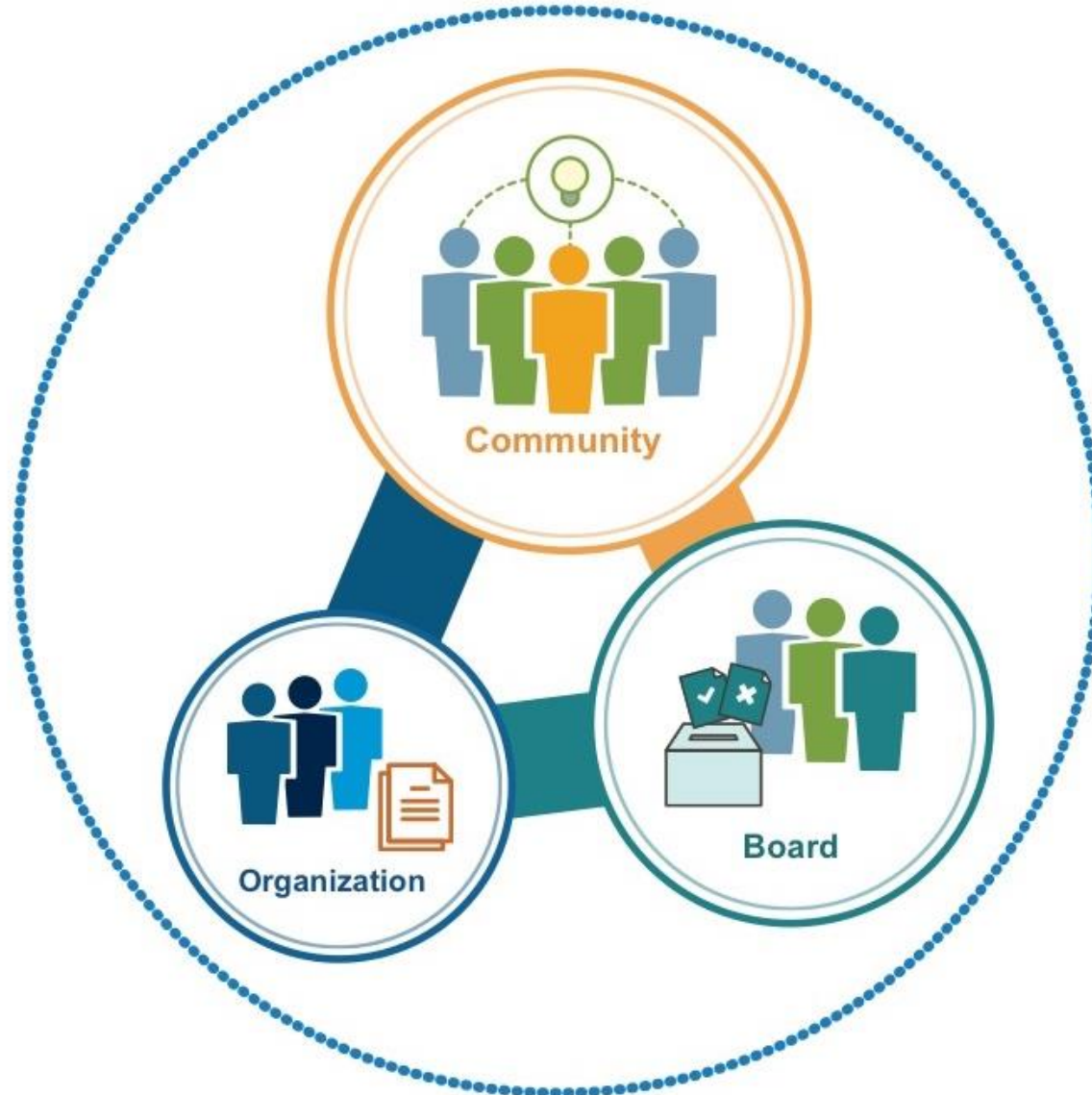
ICANN's Mission

The mission of the Internet Corporation for Assigned Names and Numbers (ICANN) is to **ensure the stable and secure operation of the Internet's unique identifier systems**

Specifically, ICANN:

-  1 Coordinates the allocation and assignment of names in the root zone of the Domain Name System
-  2 Coordinates the development and implementation of policies concerning the registration of second-level domain names in generic top-level domains (gTLDs)
-  3 Facilitates the coordination of the operation and evolution of the DNS root name server system
-  4 Coordinates the allocation and assignment at the top-most level of Internet Protocol numbers and Autonomous System numbers
-  5 Collaborates with other bodies as appropriate to provide registries needed for the functioning of the Internet as specified by Internet protocol standards development organizations

ICANN 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.



Learn More ►

<https://www.icann.org/community>

Exploring ICANN's Multistakeholder Community



Address Supporting Organization (ASO)

ICANN | ASO

Address Supporting Organization

 [Learn More ▶](#)

<https://aso.icann.org>



ASO

The ASO Address Council is composed of 15 volunteers – 3 from each of the Regional Internet Registries (RIRs) – who work on global Internet Protocol (IP) Address Policy.

African Network Information Center (AFRINIC), the RIR for Africa

American Registry for Internet Numbers (ARIN), the RIR for Canada, parts of the Caribbean and North Atlantic islands, and the U.S.

Réseaux IP Européens Network Coordination Centre (RIPE NCC), the RIR for Europe, the Middle East, and parts of Central Asia

Asia-Pacific Network Information Centre (APNIC), the RIR for Asia and Pacific Region

Latin America and Caribbean Network Information Centre (LACNIC), the RIR for Latin America and parts of the Caribbean

Country Code Names Supporting Organization (ccNSO)



 **ccNSO**
The ccNSO (Council and members) works on global policies relating to country code top-level domain name (ccTLD) policies (e.g., .br, .uk).

The ccNSO provides a forum for country code top-level domain (ccTLD) managers to meet and discuss topical issues of concern to ccTLDs from a global perspective.

ICANN | ccNSO
Country Code Names Supporting Organization



<https://ccnso.icann.org>

Generic Names Supporting Organization (GNSO)

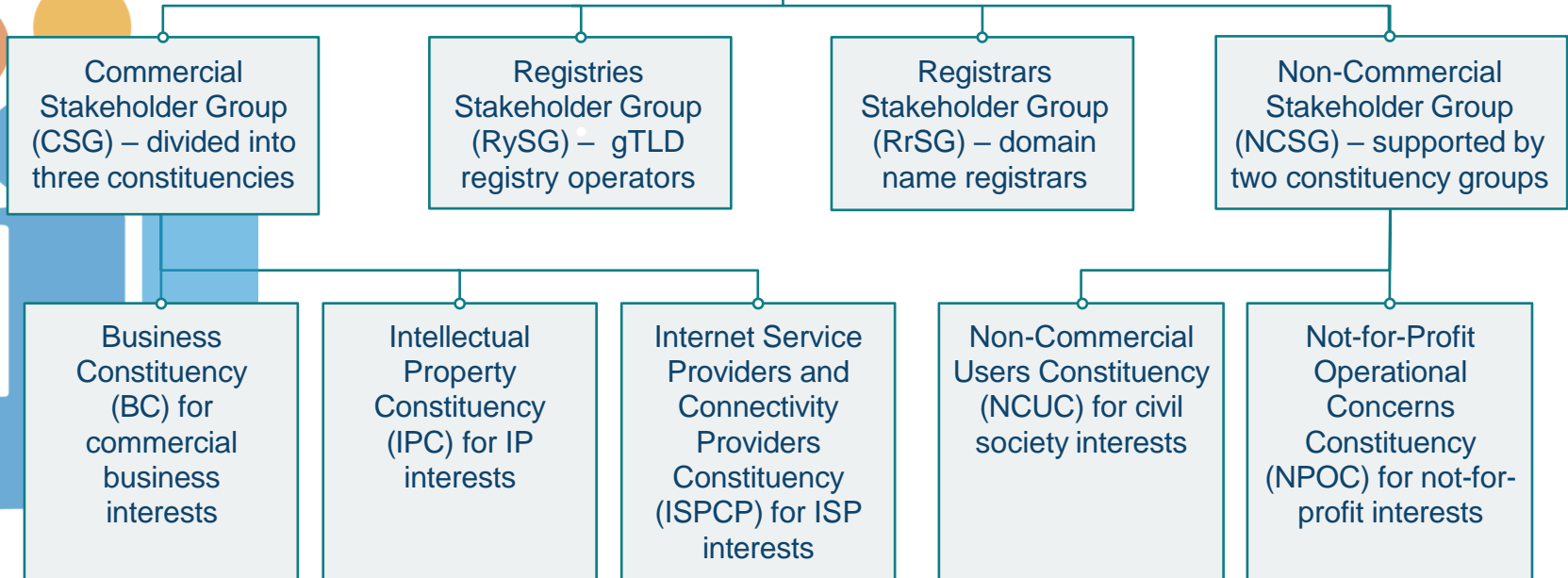
 **GNSO**
The GNSO Council is composed of 21 members – divided into 2 houses (contracted and non-contracted parties) – who work on generic top-level domain (gTLD) naming policies (e.g., .com, new gTLDs).

ICANN | GNSO

Generic Names Supporting Organization

 [Learn More ▶](#)

<https://gns0.icann.org>



At-Large Advisory Committee (ALAC)



ALAC

The ALAC voices the interests of the individual Internet user and is composed of 15 members – 2 from each of the 5 Regional At-Large Organizations (RALOs) and 5 appointed by the ICANN Nominating Committee. It is supported by over 200 At-Large Structures (ALSes) and volunteers.



Learn More ▶

<https://atlarge.icann.org>

Asian, Australasian and Pacific Islands Regional At-Large Organization (APRALO)

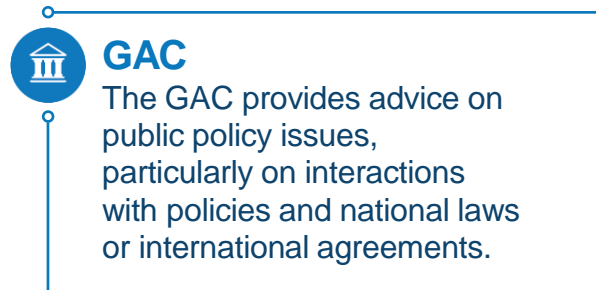
Latin American and Caribbean Islands Regional At-Large Organization (LACRALO)

African Regional At-Large Organization (AFRALO)

European Regional At-Large Organization (EURALO)

North American Regional At-Large Organization (NARALO)

Governmental Advisory Committee (GAC)



ICANN | GAC
Governmental Advisory Committee



<https://gacweb.icann.org>

Root Server System Advisory Committee (RSSAC)



RSSAC

RSSAC advises the ICANN community and Board on the operation, administration, security, and integrity of the Internet's Root Server System.

RSSAC consists of representatives of the organizations responsible for operating the world's 13 root name servers (as voting members).

ICANN | RSSAC

Root Server System Advisory Committee




Learn More ▶

<https://www.icann.org/groups/rssac>

Security and Stability Advisory Committee (SSAC)



 **SSAC**
The SSAC advises on matters related to the security and integrity of the Internet's naming and address allocation systems.

The SSAC consists of technical expert individuals appointed by the ICANN Board.

ICANN | SSAC

Security and Stability Advisory Committee



<https://www.icann.org/groups/ssac>

Who Makes Up the ICANN Board?

Members are representatives from the community, selected in a bottom-up approach by their peers. The Board is composed of 16 directors and 4 non-voting liaisons, from different geographies and with expertise relevant to ICANN's mission.

SUPPORTING ORGANIZATION (SO) APPOINTEES:

Each of the three SOs nominates two directors:

Address Supporting Organization (**ASO**)

Country Code Names Supporting Organization (**ccNSO**)

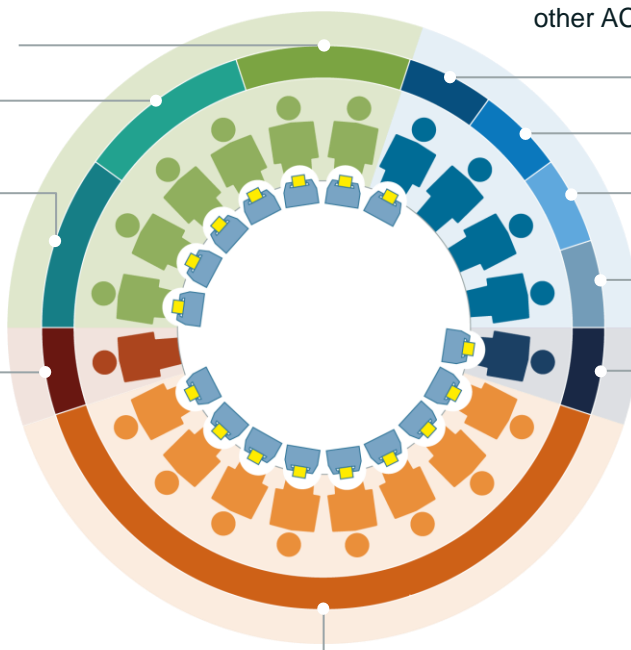
Generic Names Supporting Organizations (**GNSO**)

INTERNET ENGINEERING TASK FORCE (IETF) APPOINTEE:

The IETF nominates one non-voting liaison.



VOTING MEMBERS



NOMINATING COMMITTEE (NomCom) APPOINTEES:

The NomCom appoints eight seats.

ADVISORY COMMITTEE (AC) APPOINTEES:

The ALACs nominate one director, and each of the other ACs nominates one non-voting liaison.

At-Large Advisory Committee (**ALAC**)

Governmental Advisory Committee (**GAC**)

Root Server System Advisory Committee (**RSSAC**)

Security and Stability Advisory Committee (**SSAC**)

ICANN PRESIDENT AND CEO



Learn More ▶

go.icann.org/board



Learn More ▶

go.icann.org/boardbylaw

ICANN's Global Presence

Call one of our regional offices or submit a question online



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

Some of What the ICANN Organization Does



Domain Name System

The Domain Name System provides addressing for the Internet so people can find websites, send email, and other tasks. The ICANN org also supports the stability of the DNS through its work, contracts, and accreditations.



Policy Development

The ICANN org supports inclusive, open and transparent multi-stakeholder bottom-up consensus-based policy development mechanisms.



L-Root

The ICANN org hosts and supports 1 of the 13 L-Root infrastructures. At over 160 locations worldwide, L-Root is critical to infrastructure that helps reduce latency and improves performance of the DNS.



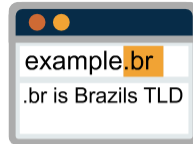
Support and Grow the Community

The ICANN org engages, nurtures and supports interested stakeholders for active and meaningful participation in ICANN. ICANN connects with stakeholders through outreach and engagement, and meeting and event support.



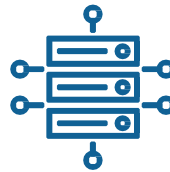
Generic Top-Level Domains

The ICANN org manages the Domain Name System's top-level domains. ICANN helps promote competition and choice in the gTLD marketplace.



Country Code Top-Level Domains

The ICANN org delegates top-level domains identified with a country code. Management is done by national ccTLD operators.



Protocol Parameters

The ICANN org, in coordination with the Internet Engineering Task Force, manages protocol parameters by maintaining many of the codes and numbers used in Internet protocols.



Internet Protocol Addresses

By serving as the central repository for IP addresses, the ICANN org helps coordinate how IP addresses are supplied – preventing repetition and conflicts.



Root Zone Management

The ICANN org helps manage the root zone through the IANA functions, which involves assigning the operators of top-level domains, such as .bank and .com, and maintaining technical and administrative details.

IANA Functions

Our Programs



Fellowship

Global capacity-building program to support ICANN's multistakeholder community. Online application process is open three times per year to participate in an ICANN Public Meeting (one meeting for Alumni only).



NextGen

Regionally based program to create awareness and promote future discussions with universities and other regional forums. Online application process is open three times per year to attend an ICANN Public Meeting.



Newcomer

Program dedicated to those entering the ICANN community. Options are self-study using the Newcomer web page or participation in person or remotely at the Newcomer Sunday meeting at an ICANN Public Meeting.

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>



More About the Programs

Fellowship

icann.org/fellowshipprogram

NextGen

icann.org/development-and-public-responsibility/nextgen

Newcomer

icann.org/newcomers

ICANN | LEARN

- ⦿ ICANN Learn presents education and training, across a wide variety of topics that pertain to ICANN, to better educate stakeholders in the ICANN ecosystem.
- ⦿ ICANN Learn is a free online learning platform where ICANN community members can access and create course content.
- ⦿ ICANN Learn is currently available in the six U.N. languages.

 Learn more ▶

learn.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.



One World, One Internet

Visit us at icann.org



[@icann](https://twitter.com/icann)



linkedin/company/icann



facebook.com/icannorg



slideshare/icannpresentations



youtube.com/icannnews



soundcloud/icann



flickr.com/icann



instagram.com/icannorg