Introduction to ICANN and its Engagement in the Middle East

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Overview

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

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

- Internet Engineering Task Force
- Réseaux IP Européens Network Coordination Centre
- Domain Name System Operators
- Root Server Operators
- Asia Pacific Network Information Centre
- Latin America and Caribbean Network Information Center
- The Internet Corporation for Assigned Names and Numbers
- Internet Corporation for Assigned Names and Numbers
- African Network Information Center
- Institute of Electrical and Electronics Engineers
- American Registry for Internet Numbers
- World Wide Web Consortium
- Réseaux IP Européens Network Coordination Centre
- Internet Service Providers
Our Other Partners

We all work together in different ways to help make the Internet work.

- The Anti-Phishing Working Group
- The Messaging, Malware and Mobile Anti-Abuse Working Group
- The Internet Corporation for Assigned Names and Numbers
- The Internet Society
- Organization for Economic Co-operation and Development
- United Nations Educational, Scientific and Cultural Organization
- United Nations Economic and Social Commission of Western Asia
- African Telecommunication Union
- World Intellectual Property Organization
- International Organisation of the Francophone
- Internet Governance Forum
- Diplo Foundation
- Regional Internet Governance Forums
- American Telecommunication Commission
- European Conference of Postal and Telecommunications Administrations
- American Educational Commission
- United Nations Economic and Social Commission of Western Asia
ICANN Ecosystem

Community

Organization

Board
ICANN’s Global Presence

Call one of our regional offices or submit a question online

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

Contact us ▶ www.icann.org/contact
Some of What ICANN Organization Does

<table>
<thead>
<tr>
<th>Domain Name System</th>
<th>Policy Development</th>
<th>L-Root</th>
<th>Support and Grow the Community</th>
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<tbody>
<tr>
<td>The domain name system provides addressing for the Internet so people can find websites, send email, and other tasks. The ICANN organization also supports the stability of the DNS through its work, and also its contracts and accreditations.</td>
<td>The ICANN organization supports inclusive, open and transparent multi-stakeholder bottom-up consensus based policy development mechanisms.</td>
<td>The ICANN organization hosts and supports one 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.</td>
<td>The ICANN organization engages, nurtures and supports interested stakeholders for active and meaningful participation in ICANN. ICANN connects with stakeholders through outreach and engagement, and meeting &amp; event support.</td>
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</tbody>
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<thead>
<tr>
<th>Generic Top-Level Domains</th>
<th>Country Code Top-Level Domains</th>
<th>Protocol Parameters</th>
<th>Internet Protocol Addresses</th>
<th>Root Zone Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>The ICANN organization manages the domain name system’s top-level domains. ICANN helps promotes competition and choice in the gTLD marketplace.</td>
<td>The ICANN organization delegates top-level domains identified with a country code. Management is done by national ccTLD operators.</td>
<td>The ICANN organization, in coordination with the Internet Engineering Task Force, manages protocol parameters by maintaining many of the codes and numbers used in Internet protocols.</td>
<td>By serving as the central repository for IP addresses, the ICANN organization helps coordinate how IP addresses are supplied – preventing repetition and conflicts.</td>
<td>The ICANN organization 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 the technical and administrative details.</td>
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IANA functions
How Internet Protocol (IP) Addresses are Distributed

IANA functions

Distributes IP address to Regional Internet Registries

Regional Internet Registries

Distributes IP address to ISP providers in your region

Internet Service Providers

End users connect their personal and professional devices to the Internet

Internet Service Providers Distributes IP address by providing connectivity to homes and businesses

Homes and Businesses

Distributes IP address to Regional Internet Registries

End users connect their personal and professional devices to the Internet
ICANN follows a bottom-up, multistakeholder model in which individuals, non-commercial stakeholder groups, industry, and governments play important roles in its community-based, consensus-driven, policymaking approach.

Learn More ➤ https://www.icann.org/community
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

Supporting Organizations (SOs)
Three SOs in the ICANN community are responsible for developing policy recommendations in the areas they represent.

- Address Supporting Organization (ASO)
- Country Code Names Supporting Organization (ccNSO)
- Generic Names Supporting Organization (GNSO)

Advisory Committees (ACs)
Four ACs give advice and make recommendations on ICANN topics.

- At-Large Advisory Committee (ALAC)
- The Governmental Advisory Committee (GAC)
- The Root Server System Advisory Committee (RSSAC)
- Security and Stability Advisory Committee (SSAC)
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:
- The Address Supporting Organization (ASO)
- The Country Code Names Supporting Organization (ccNSO)
- The Generic Names Supporting Organizations (GNSO)

**INTERNET ENGINEERING TASK FORCE (IETF) APPOINTEE:**
The IETF nominates one non-voting liaison.

**NOMINATING COMMITTEE APPOINTEES:**
The Nominating Committee appoints eight seats.

**ADVISORY COMMITTEE (AC) APPOINTEES:**
Each of the four ACs nominates one member, although only the ALAC director can vote:
- The At-Large Advisory Committee (ALAC)
- The Governmental Advisory Committee (GAC)
- The Root Server System Advisory Committee (RSSAC)
- The Security and Stability Advisory Committee (SSAC)

**ICANN PRESIDENT AND CEO**
go.icann.org/board

**Learn More**
go.icann.org/boardbylaw

**Learn More**
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](http://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

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**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
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.

- It is an online platform that is free to access and free to create course content to share with fellow ICANN community members.
- ICANN Learn is currently available in the six UN languages.

Learn more → learn.icann.org
ICANN Meetings

Three times a year, ICANN holds free and open public meetings in different regions around the world.

ICANN Public Meetings provide the opportunity for an internationally diverse group of individuals and organizations to come together to discuss and develop policies for the Internet’s naming systems.

ICANN’s international meetings have been a staple of ICANN’s multistakeholder bottom-up consensus-building model since its formation in 1998.

Since 2006:

- 297% increase in attendance
- 218% increase in scheduled sessions

= 100 Attendees  = 10 Sessions  = 1 Day
Upcoming Meetings

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

Meetings ➤

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

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

Email ➤
The Middle East
The Middle East Region

• Consists of 26 countries (22 Arab States, Turkey, Iran, Afghanistan, and Pakistan)

• Has a population of 750 million of which around 220 million are online (~ 30% penetration rate)

• Covered by
  • Baher Esmat, VP, Stakeholder Engagement, Middle East (Cairo, Egypt)
  • Fahd Batayneh, Manager, Stakeholder Engagement, Middle East (Amman, Jordan)
ICANN’s Middle East Engagement Strategy

• A community led process by the Middle East Strategy Working Group

• The strategy defined three strategic objectives:

  1. Support secure, stable, and resilient domain name system (DNS) infrastructure;
  2. Promote a healthy and competitive domain name marketplace; and
  3. Clarify ICANN's role in an evolving Internet ecosystem through engagement with the regional community

• More at https://go.icann.org/28K0F0Z
SO1 (SSR DNS Infrastructure)

• The Task Force on Arabic Script IDNs (TF-AIDN)
• MENOG Roadshows DNS/DNSSEC partnership with the RIPE NCC
• Held many DNS Operations, DNSSEC, and/or DNS Abuse and Misuse Workshops around the region
• Conducted a Train the Trainer workshop for future trainers in the region
• Utilizing regional trained-trainers in the different technical DNS workshops
• Continuous engagement with Computer Emergency Response Teams (CERTs) and Law Enforcement Agencies (LEAs)
• Encourage the deployment of L-root instances around the region
SO2 (Healthy and Competitive Domain Name Marketplace)

- Partnership with the NTRA in Egypt on the DNS Entrepreneurship Center (DNS-EC)
- Signed a partnership with EURid
- Middle East DNS Forum since 2014. Subsequent editions held in 2015, 2016, and 2017
- Turkey DNS Forum since 2014. Subsequent editions held in 2016 and 2017
- Regional DNS Study commissioned and released in March 2016
- Commissioned and released a report entitled “Accelerating the Digital Economy in the Middle East, North Africa and Turkey” in October 2017
- Held several capacity building workshops in partnership with industry leaders, pioneers, and entrepreneurs across the region
SO3 (ICANN's Role in an Evolving Internet Ecosystem)

- Middle East and Adjoining Countries School on IG has been held annually since 2014
- Academic Engagement partnership with the Tunisian Computing Center el Khawarizmi (CCK). Held 4 workshops since October 2016, and more is in the pipelines
- Working with ALSs based in the region on capacity building workshops and academic engagement
- Many workshops about ICANN, the IANA Functions, the Domain Name System, and Internet Governance
- Support regional IGFs and national SIGs; mostly with expertise and contribution
The Task Force on Arabic Script IDNs (TF-AIDN)

- Seated in 2013, the TF-AIDN tackle IDN issues in the context of the Arabic Script
- Currently consists of 34 members from 18 countries around the world
- They were the first group seated to work on the Arabic Script LGR (Arabic Script Generation Panel)
- Currently tackling issues related to LGR at the Second Level, in addition to Universal Acceptance of Arabic Script IDNs
- Held 5 F2F meetings, and 10s of teleconference calls
- Supported by ICANN with logistics and F2F meeting
- More at https://go.icann.org/1tIN7MM
DNS Entrepreneurship Center (DNS-EC)

- A partnership between ICANN and the National Telecommunications Regulatory Authority (NTRA) of Egypt
  - MoU signed at ICANN 50 in London in June 2014
- Supported by ICANN, but envisioned to be self-sustainable on the long run
- Currently has a dedicated Director appointed by the NTRA
- Held 10s of training programs around the Middle East and Africa (Technical, Business, Marketing, and Legal)
- Signed partnerships with IBM Egypt
- Have a 3 year strategic plan at http://www.dns-ec.eg/Strategy.jsp
- More at http://dns-ec.eg/
DNS Capacity Building

- Workshops held in partnership with several entities such as TLD Registries, Domain Name Registrars, DNS-EC, RIPE NCC, NSRC, and others
- Workshops revolve around 3 tracks
  - Technical – DNS Operations, DNSSEC, DNS Abuse and Misuse
  - Business – ccTLD SWOT Workshops, Registries’ Best Practices, Marketing
  - Legal – Trademarks and Domain Disputes
- Demand for such training programs are on the rise
Training Workshops

- **DNS Operations and/or DNSSEC** (Morocco, Tunisia, Egypt, Oman, UAE, Saudi Arabia, Turkey, Pakistan)
- **SWOT Workshop for ccTLDs** (Tunisia, Oman, UAE, Qatar, Morocco)
- **DNS Business Workshops** (Egypt, Benin)
- **DNS Legal Workshop** (Egypt)
- **DNS Abuse and Misuse** (UAE, Qatar, Egypt, Lebanon)
Partnerships

• Signed MoA with the NTRA for the DNS-EC
• Signed MoU with the European Registry (EURid) on training and capacity building
• Signed MoU with the Communications Regulatory Authority (CRA) of the State of Qatar
• Partnership with CCK on academic engagement in Tunisia
• Partnership with the RIPE NCC on the DNS Track Workshops for MENOG
Contact Us!

Interested in partnering with us? Write to us at

meac.swg@icann.org
Engage with ICANN – Thank You and Questions

One World, One Internet

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