Internationalized Domain Names and Universal Acceptance Programs

Natalia Mochu,
GSE manager for Eastern Europe and Central Asia, ICANN

ITU Regional Development Forum for CIS

1-2 October 2019, Bishkek, Kyrgyzstan
Brief overview on ICANN
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
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.

**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.

**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.

**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.

**IANA Functions**
- POLICY
- ADDRESS
- POLICY
- IP
- IANA Functions
Supporting Organizations (SOs)

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.

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

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 names (gTLD) policies (e.g., .com, new gTLDs).

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)
- Governmental Advisory Committee (GAC)
- Root Server System Advisory Committee (RSSAC)
- Security and Stability Advisory Committee (SSAC)

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.

GAC
The GAC provides advice on public policy issues, particularly on interactions with policies and national laws or international agreements.

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

SSAC
The SSAC advises on matters related to the security and integrity of the Internet’s naming and address allocation systems.
Internationalized Domain Names and Universal Acceptance Programs
What Are Internationalized Domain Names (IDNs)?

IDNs are domain names with non-Latin characters or Latin characters beyond letters (a to z) digits (0 to 9) and hyphens (-), as allowed by relevant protocols.

Until late 2009, top-level domains were restricted to only the Latin letters a to z without accents or symbols. After 2009, IDN TLDs were introduced in other scripts, including Arabic, Chinese, and Cyrillic scripts.

IDN TLDs can be either ccTLDs or gTLDs.

IDNs use a particular encoding and format to allow a wider range of scripts to represent domain names.
Enable deployment of domain names in the local languages and scripts used by the communities globally in a secure and stable manner.
How Have Top-Level Domains Changed?

2009

**DOMAIN NAME**
Latin letters a to z without accents or symbols.

.\org .\com .\uk

**INTERNATIONALIZED DOMAIN NAMES ADDED**
Characters from different scripts.

.\arb .\china .\rf
Forming ASCII Labels

2. Use LDH
   - Letters [a-z]
   - Digits [0-9]
   - Hyphen [H]

Label length = 63
Other constraints (e.g. on hyphen)

1. Use only Letters
   - Letters [a-z]
   - Label length = 63
Domain Name Mnemonics in ASCII

Using LDH
- Letters [a-z]
- Digits [0-9]
- Hyphen (H)
Using Letters only
- Letters [a-z]
- Digits [0-9]
- Hyphen (H)
Internationalized Domain Name (IDN) Labels

Syntax of IDN Labels

Valid U-Label: Unicode code points as constrained by the “LDH” scheme within IDNA 2008

Syntax of IDN Labels

Valid U-label, further constrained by the “letter” principle for TLDs
IDN Mnemonics

<table>
<thead>
<tr>
<th>060</th>
<th>061</th>
<th>062</th>
<th>063</th>
<th>064</th>
<th>065</th>
<th>066</th>
<th>067</th>
<th>068</th>
<th>069</th>
<th>06A</th>
<th>06B</th>
<th>06C</th>
<th>06D</th>
<th>06E</th>
<th>06F</th>
</tr>
</thead>
<tbody>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0600</td>
<td>0610</td>
<td>0620</td>
<td>0630</td>
<td>0640</td>
<td>0650</td>
<td>0660</td>
<td>0670</td>
<td>0680</td>
<td>0690</td>
<td>06A0</td>
<td>06B0</td>
<td>06C0</td>
<td>06D0</td>
<td>06E0</td>
<td>06F0</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0601</td>
<td>0611</td>
<td>0621</td>
<td>0631</td>
<td>0641</td>
<td>0651</td>
<td>0661</td>
<td>0671</td>
<td>0681</td>
<td>0691</td>
<td>06A1</td>
<td>06B1</td>
<td>06C1</td>
<td>06D1</td>
<td>06E1</td>
<td>06F1</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0602</td>
<td>0612</td>
<td>0622</td>
<td>0632</td>
<td>0642</td>
<td>0652</td>
<td>0662</td>
<td>0672</td>
<td>0682</td>
<td>0692</td>
<td>06A2</td>
<td>06B2</td>
<td>06C2</td>
<td>06D2</td>
<td>06E2</td>
<td>06F2</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0603</td>
<td>0613</td>
<td>0623</td>
<td>0633</td>
<td>0643</td>
<td>0653</td>
<td>0663</td>
<td>0673</td>
<td>0683</td>
<td>0693</td>
<td>06A3</td>
<td>06B3</td>
<td>06C3</td>
<td>06D3</td>
<td>06E3</td>
<td>06F3</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0604</td>
<td>0614</td>
<td>0624</td>
<td>0634</td>
<td>0644</td>
<td>0654</td>
<td>0664</td>
<td>0674</td>
<td>0684</td>
<td>0694</td>
<td>06A4</td>
<td>06B4</td>
<td>06C4</td>
<td>06D4</td>
<td>06E4</td>
<td>06F4</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0605</td>
<td>0615</td>
<td>0625</td>
<td>0635</td>
<td>0645</td>
<td>0655</td>
<td>0665</td>
<td>0675</td>
<td>0685</td>
<td>0695</td>
<td>06A5</td>
<td>06B5</td>
<td>06C5</td>
<td>06D5</td>
<td>06E5</td>
<td>06F5</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0606</td>
<td>0616</td>
<td>0626</td>
<td>0636</td>
<td>0646</td>
<td>0656</td>
<td>0666</td>
<td>0676</td>
<td>0686</td>
<td>0696</td>
<td>06A6</td>
<td>06B6</td>
<td>06C6</td>
<td>06D6</td>
<td>06E6</td>
<td>06F6</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0607</td>
<td>0617</td>
<td>0627</td>
<td>0637</td>
<td>0647</td>
<td>0657</td>
<td>0667</td>
<td>0677</td>
<td>0687</td>
<td>0697</td>
<td>06A7</td>
<td>06B7</td>
<td>06C7</td>
<td>06D7</td>
<td>06E7</td>
<td>06F7</td>
</tr>
<tr>
<td>٠</td>
<td>١</td>
<td>٢</td>
<td>٣</td>
<td>٤</td>
<td>٥</td>
<td>٦</td>
<td>٧</td>
<td>٨</td>
<td>٩</td>
<td>ء</td>
<td>ة</td>
<td>ئ</td>
<td>ة</td>
<td>ئ</td>
<td>ء</td>
</tr>
<tr>
<td>0608</td>
<td>0618</td>
<td>0628</td>
<td>0638</td>
<td>0648</td>
<td>0658</td>
<td>0668</td>
<td>0678</td>
<td>0688</td>
<td>0698</td>
<td>06A8</td>
<td>06B8</td>
<td>06C8</td>
<td>06D8</td>
<td>06E8</td>
<td>06F8</td>
</tr>
</tbody>
</table>
## IDN Mnemonics

<table>
<thead>
<tr>
<th>060</th>
<th>061</th>
<th>062</th>
<th>063</th>
<th>064</th>
<th>065</th>
<th>066</th>
<th>067</th>
<th>068</th>
<th>069</th>
<th>070</th>
<th>071</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Image 19x8 to 48x31]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
<td>![Image 16x43 to 612x483]</td>
</tr>
</tbody>
</table>
### IDN Mnemonics

<table>
<thead>
<tr>
<th>HEX</th>
<th>C</th>
<th>J</th>
<th>K</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>0E50</td>
<td>乐</td>
<td>4.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E51</td>
<td>乐</td>
<td>4.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E52</td>
<td>乐</td>
<td>4.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E53</td>
<td>乐</td>
<td>4.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E54</td>
<td>乐</td>
<td>4.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E55</td>
<td>乐</td>
<td>4.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E56</td>
<td>乐</td>
<td>4.7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E57</td>
<td>乐</td>
<td>4.8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E58</td>
<td>乐</td>
<td>4.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E59</td>
<td>乐</td>
<td>5.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E5A</td>
<td>乐</td>
<td>5.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEX</th>
<th>C</th>
<th>J</th>
<th>K</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>0E66</td>
<td>乐</td>
<td>5.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E67</td>
<td>乐</td>
<td>5.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E68</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E69</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6A</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6B</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6C</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6D</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6E</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEX</th>
<th>C</th>
<th>J</th>
<th>K</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>0E64</td>
<td>乐</td>
<td>5.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E65</td>
<td>乐</td>
<td>5.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E66</td>
<td>乐</td>
<td>5.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E67</td>
<td>乐</td>
<td>5.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E68</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E69</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6A</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6B</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6C</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6D</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0E6E</td>
<td>乐</td>
<td>5.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
IDN Mnemonics
IDNA2008 expects registries at all levels will reduce opportunities for confusion by restricting characters or using variant techniques.
IDNA2008 expects registries at all levels will reduce opportunities for confusion by restricting characters or using variant techniques.
IDNA2008 expects registries at all levels will reduce opportunities for confusion by restricting characters or using variant techniques.
Generation Panels
- Generate proposals for script specific LGRs, based on community expertise and linguistic, security, and stability requirements.

Integration Panel
- Integrates them into common Root Zone LGR while minimizing the risk to Root Zone as shared resource.

Label Generation Rules (LGR)
- Which labels are permissible?
- Which variant labels exist?
- Are there any more constraints?
IDN Country Code Top-level Domains

ccTLDs: 61 for 42*

* Successfully evaluated IDN ccTLDs for total countries and territories
Общая информация

14 965 доменов
1 октября 2019

Вторая по величине национальная кириллическая доменная зона в мире
Статистика

300 В месяц

10 В день

39 знаков— рекорд 2018 года
Солигорский-государственный-колледж.бел

46 знаков— рекорд 2019 года
Шпатлевка-покраска-стен-проф-оборудованием.бел
Universal Acceptance of Domain Names
Universal Acceptance (UA) Initiative

Vision
All domain names and email addresses work in all software applications.

Mission
To mobilize the software application developers to get their products UA-ready by providing encouragement, documentation, case studies, tools, and measures to deliver the right user experience to the end user.

Impact
Promote consumer choice, improve competition, and provide broader access to end users.
Categories Affected by UA Issues

- **Newer top-level domain names:** example.sky

- **Longer top-level domain names:** example.photography

- **Internationalized Domain Names:** مثال. البحرين
  - Rendering problems
    - Displaying A-label: xn--mgbh0fb.xn--mgbcpq6gpa15g
    - Ordering right-to-left scripts: should be مثال. البحرين

- **Internationalized email addresses:** अजय@डाटा.भारत (Hindi email)
  - Available standards are not implemented by all email software and service providers making email delivery unreliable.
    - Test if your email is compliant: https://uasg.tech/eai-check/
Five Actions for UA-readiness

Applications should be able to do the following for all domain names and email addresses:

- Accept
- Validate
- Store
- Process
- Display
UASG and Its Action Plan for FY20
To address the Universal Acceptance of domain names and email addresses, the Universal Acceptance Steering Group (UASG) was organized as a community initiative.

UASG has produced documentation to define and address challenges, and share progress, available at https://UASG.tech.

- Quick Guide to Universal Acceptance
- Quick Guide to Email Address Internationalization
- UA Case Study: Government of Rajasthan, India
- Quick Guide to Tendering and Contractual Documents

UASG is actively engaged in disseminating the information to relevant stakeholders.
FY20 Action Plan - Community Stakeholders

- **Technology Enablers** – Organizations producing relevant standards and best current practices, and providers of software programming languages, tools, and frameworks.

- **Technology Developers** – Organizations and individuals developing and directing applications.

- **Email Software and Service Providers** – Organizations and individuals providing internationalized email software and services.

- **Influencing Individuals and Organizations** – Individuals at the local and international levels who can help promote UA-readiness, and organizations which can be used to spread the UA message more broadly.

- **Government Policymakers** – Government officials, as an explicit group, are included to try to generate demand for UA-ready products and services through accessibility standards and procurement processes.
FY20 Action Plan - UASG Working Groups

- **Technology WG** - Plans, coordinates, and oversees work on standards, best current practices, programming languages, tools, and development platforms.

- **Email Address Internationalization (EAI) WG** - Plans, executes and oversees engagement with email software and service providers to make them EAI-ready.

- **Measurements WG** – Plans, oversees, and directs the measurement efforts for UA-readiness.

- **Communications WG** – Plans and develops communication strategy and oversees its execution in collaboration with other WGs.

- **Local Initiatives WG** – Plans, develops, and oversees execution of local initiatives in various geographies.

- **UA Ambassadors WG** – Plans and executes training and outreach in local regions.
## UA WGs and Stakeholder Interaction

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Technology WG</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EAI WG</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Measurements WG</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communications WG</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Local Initiatives WG</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>UA Ambassadors WG</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
Learn more and join

**Internationalized Domain Names (IDNs)**

- Visit us at [icann.org/idn](http://icann.org/idn) or email IDNProgram@icann.org for further information regarding IDNs.

**Universal Acceptance (UA)**

- Visit [https://uasg.tech](https://uasg.tech) to access all UA documents and presentations.

- Contribute to UA:
  - Join UASG Working Groups
  - Join UA-discuss list

- For further information, please email info@uasg.tech.
Get involved and stay in touch
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](http://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.**
Fellowship - NextGen – Newcomer Programs

**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
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 at learn.icann.org
# Upcoming ICANN Meetings

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Dates</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021</td>
<td>ICANN72 (23rd AGM)</td>
<td>23-28 Oct 2021</td>
<td>Seattle</td>
</tr>
<tr>
<td></td>
<td>ICANN71</td>
<td>Policy Forum</td>
<td>14-17 Jun 2021</td>
</tr>
<tr>
<td></td>
<td>ICANN70</td>
<td>Community Forum</td>
<td>20-25 Mar 2021</td>
</tr>
<tr>
<td>2020</td>
<td>ICANN69 (22nd AGM)</td>
<td>17-22 Oct 2020</td>
<td>Hamburg</td>
</tr>
<tr>
<td></td>
<td>ICANN68</td>
<td>Policy Forum</td>
<td>22-25 Jun 2020</td>
</tr>
<tr>
<td></td>
<td>ICANN67</td>
<td>Community Forum</td>
<td>7-12 Mar 2020</td>
</tr>
<tr>
<td>2019</td>
<td>ICANN66 (21st AGM)</td>
<td>2-7 Nov 2019</td>
<td>Montréal</td>
</tr>
</tbody>
</table>

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

For a schedule of past and upcoming meetings, go to: [http://meetings.icann.org/calendar](http://meetings.icann.org/calendar)
Join us at the
4th Eastern European DNS Forum

The Internet Corporation for Assigned Names and Numbers (ICANN) invites you to attend the fourth Eastern European DNS Forum from 11-12 October in Yerevan, Armenia. The Forum follows on the success of the first edition in Kiev, Ukraine (2016), the second in Minsk, Belarus (2017), and the third in Moscow, Russia (2018). The event is organized by ICANN, in partnership with the .am/.hu variants.

**When:** 11-12 October 2019  
**Where:** Marriott Hotel, Yerevan, Armenia

CLICK HERE TO REGISTER NOW

www.eednsforum.org
Engage with ICANN

Thank You and Questions

Visit us at icann.org or email to natalia.mochu@icann.org

Subscribe to our regional newsletter at https://info.icann.org/LP--Regional-Newsletter.html

@ICANN, @ICANN_RU, @NMochu
facebook.com/icannorg
youtube.com/icannnews
flickr.com/icann
linkedin/company/icann
slideshare/icannpresentations
soundcloud/icann