

APAC Space Web Conference

APAC Regional Plan FY21-25 (Part 2)



21 May 2020

Agenda

- ⦿ **Welcome Remarks** by Jia-Rong Low (ICANN) (2 mins)
- ⦿ **APAC Regional Plan (Part 2)**
 - **Strategic Objective 3:** Evolve Unique Identifier Systems in Coordination and Collaboration to Continue Serving the Needs of the Global Internet User Base by Jia-Rong Low (15 mins)
 - **Community Discussion** facilitated by Edmon Chung, APAC Space Community Facilitator (10 mins)
 - **Strategic Objective 4:** Address Geopolitical Issues Impacting ICANN's Mission to Ensure a Single and Globally Interoperable Internet by Jia-Rong Low (10 mins)
 - **Community Discussion** facilitated by Edmon Chung (20 mins)
- ⦿ **AOB** (3 mins)

APAC Space



- ❖ “Space for APAC community members
- ❖ Community-led bi-monthly Sessions — web conference, or face-to-face at ICANN Meetings
- ❖ ”Practice ground” to facilitate community discussion for ICANN participation
 - ❖ DNS industry topics
 - ❖ ICANN Policy Development Processes, and
 - ❖ ICANN Reviews

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APAC Regional Plan FY21-25 (Part 2)



Jia-Rong Low

VP, Stakeholder Engagement &
Managing Director, ICANN APAC

<https://community.icann.org/display/GSEAPAC/Asia+Pacific+%28APAC%29+Regional+Plan+FY21-25>



The background of the slide features a dark teal world map on the left side. On the right side, there is a large, stylized graphic of a circuit board or network diagram, composed of various colored lines (orange, yellow, green, blue) and dots, forming a complex, branching structure that resembles a tree or a neural network.

ICANN STRATEGIC PLAN

FOR FISCAL YEARS **2021-2025**

ICANN Strategic Plan

Strategic Objectives

Strategic Objectives for **Fiscal Years 2021–2025**

Taking into account the external impacts on the global growth and evolution of the Internet, the DNS, and other unique identifier systems ICANN helps coordinate, the following five strategic objectives are identified for the fiscal years 2021–2025 to enable ICANN to continue to fulfill its mission and achieve its new vision:



Strengthen the **security** of the Domain Name System and the DNS Root Server System.

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Address **geopolitical issues** impacting ICANN's mission to ensure a single and globally interoperable Internet.

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Improve the effectiveness of ICANN's multistakeholder model of **governance**.

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Ensure ICANN's long-term **financial** sustainability.

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Evolve the **unique identifier systems** in coordination and collaboration with relevant parties to continue to serve the needs of the global Internet user base.

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<https://www.icann.org/en/system/files/files/strategic-plan-2021-2025-24jun19-en.pdf>

ICANN Strategic Plan (II) – Strategic Goals

STRATEGIC OBJECTIVE: Strengthen the **security** of the Domain Name System and the DNS Root Server System.

The Internet's importance to the world's economic, social, and political systems is growing in conjunction with the expansion of its user base, content, and applications. Internet connectivity continues to increase worldwide, particularly in developing countries. This growth brings with it increased pressures on the infrastructure of the Internet, and thus an increasing need for reliability, stability, and security of the DNS and Internet infrastructure.

Levels of security across the different sectors of the global economy vary widely. Vulnerabilities in systems and processes are numerous. For example, distributed denial-of-service (DDoS) attacks using the DNS and other vulnerabilities like malicious software distribution, phishing, and the coordination of compromised machines into "botnets" compromise various aspects of the Internet's infrastructure.

These growing threats also present opportunity. ICANN will strengthen the coordination of the DNS and DNS Root Server Systems, in partnership with the DNS root server operators, authoritative and resolution server operators, and other DNS stakeholders. ICANN can help improve the awareness of these threats and foster greater diversity of thought to best anticipate and respond to these challenges.

Seizing these opportunities requires action. A coordinated approach is necessary to effectively identify and mitigate DNS security threats and combat DNS abuse. Promoting greater adoption of global open Internet standards and enhancing awareness of security threats among stakeholders are two necessary steps that can be taken to strengthen the security and stability of the Internet's infrastructure. All actors have a collective responsibility to ensure that the DNS remains robust.

To achieve this strategic objective, ICANN seeks to:

Improve the shared responsibility for upholding the security and stability of the DNS by strengthening DNS coordination in partnership with relevant stakeholders.

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Strengthen DNS root server operations governance in coordination with the DNS root server operators.

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Identify and mitigate security threats to the DNS through greater engagement with relevant hardware, software, and service vendors.

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Increase the robustness of the DNS root zone key signing and distribution services and processes.

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Formulating the APAC Regional Plan

ICANN Strategic Plan

- ⊙ **Strategic Objectives**
 - **Strategic Goals**



Which Strategic Goal(s) do we focus on?



Proposed Focused Engagement Areas/Activities



Envisioned Outcomes
– **Examples of Outcomes**

Strategic Objective 3:

Evolve Unique Identifier Systems in Coordination and Collaboration to Continue Serving the Needs of the Global Internet User Base



ICANN Strategic Objective 3

STRATEGIC OBJECTIVE: Evolve the **unique identifier systems** in coordination and collaboration with relevant parties to continue to serve the needs of the global Internet user base.

More than half of the world's population uses the Internet. The majority of new Internet users are expected to come from Asia and Africa. The next chapter in the Internet's growth will increasingly impact the global Internet community as it evolves to include more of the world.

With a forecast of exponential growth, the number of Internet-connected devices is increasing at an even greater pace than the user base.

ICANN will continue to play a crucial role in ensuring a single, stable, interoperable infrastructure, including delivering the IANA functions.

Promoting and improving Universal Acceptance and the implementation of Internationalized Domain Names (IDNs) are necessary to reach a more diverse Internet user base.

In addition, embracing the rapid evolution of emerging technologies, business, and security models will allow ICANN to maintain agility as the Internet evolves.

These strategies will ensure that ICANN improves the Internet's unique identifier systems to better serve a broader and more diverse global user base and is able to safeguard an open Internet for all.

To achieve this strategic objective, ICANN seeks to:

Foster competition, consumer choice, and innovation in the Internet space by increasing awareness of, and encouraging readiness for Universal Acceptance, IDN implementation, and IPv6.

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Improve assessment of, and responsiveness to, new technologies which impact the security, stability, and resiliency of the Internet's unique identifier systems by greater engagement with relevant parties.

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Continue to deliver and enhance the IANA functions with operational excellence.

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Support the continued evolution of the Internet's unique identifier systems with a new round of gTLDs that is responsibly funded, managed, risk-evaluated, and consistent with ICANN processes.

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Objective: Evolve Unique Identifier Systems to Serve Global Internet User Base

3.1 Encourage readiness for Universal Acceptance (UA), IDN implementation and IPv6

Proposed Focused Engagement Areas/ Activity	Envisioned Outcomes	Examples of Outcomes
Support UASG activities in the region, in particular UA Local Initiatives	<ul style="list-style-type: none">• Target audience of initiatives informed and gain awareness and knowledge of UA• Increased UA readiness	<ul style="list-style-type: none">• Progress of Local Initiatives in China and India• Development of local initiatives in region• Appointment of UA ambassadors from the region
Partner APAC community to support IDN policy work in these focus areas: <ul style="list-style-type: none">• Integrate APAC scripts into Root Zone Label Generation Rules (LGR)• Review second level reference LGRs by IDN LGR Generation Panels• Participation in PDPs initiated by ccNSO and GNSO on IDNs and their variant TLDs	<ul style="list-style-type: none">• Remaining APAC scripts are integrated into the Root Zone LGR• APAC representation in the listed projects	Progress of listed projects

3.1 Encourage readiness for Universal Acceptance (UA), IDN implementation and IPv6

Proposed Focused Engagement Areas/ Activity	Envisioned Outcomes	Examples of Outcomes
Partner regional RIRs (i.e. APNIC) to promote IPv6 deployment	Increased cooperation with APNIC leading to greater awareness of IPv6 deployment	Update on cooperation mechanism with APNIC

3.2 Improve assessment of, and responsiveness to, new technologies which impact the Internet's unique identifier systems

Proposed Focused Engagement Areas/ Activity	Envisioned Outcomes	Examples of Outcomes
ICANN APAC team, partnering relevant APAC community, participates in regional dialogue/fora to develop an awareness of new technologies and their potential impact on the DNS	Increased communication across community groups of the DNS and the potential impact of new technologies	Opportunities to participate at key regional fora as well as communicate through established channels

3.3 Support the continued evolution of the Internet’s unique identifier systems with a new round of gTLDs

Proposed Focused Engagement Areas/ Activity	Envisioned Outcomes	Examples of Outcomes
Promote IDNs and Universal Acceptance in preparation for a new round of gTLDs	Increased communication of new gTLDs and IDNs in the wider APAC community	Opportunities to inform the wider APAC community IDNs and UA

For Discussion

Approach

- Focus on Implementation – map against Strategic Objectives and Goals
- Limited resources – need focus
 - Not everything is within the capability of the APAC office

Input needed

- Are there areas you want us to prioritise?
 - Can be regional, can be local (e.g. economy-specific)
- Are there areas you'd like to partner us (or each other)?

Community Discussion



Edmon Chung
APAC Space Community
Facilitator

Strategic Objective 4:

Address Geopolitical Issues Impacting ICANN's Mission to Ensure a Single and Globally Interoperable Internet



Jia-Rong Low

VP, Stakeholder Engagement &
Managing Director, ICANN APAC



ICANN Strategic Objective 4

STRATEGIC OBJECTIVE: Address geopolitical issues impacting ICANN's mission to ensure a single, globally interoperable Internet.

Geopolitical and technical risks threaten the interoperability of a single Internet. Governmental policies, like so-called cyber sovereignty strategies, already have impacted Internet operations. For example, the trend toward forced data localization policies and regulations surrounding cross-border data flows create challenges for a single, interoperable Internet. Global tensions and protectionism threaten potential alliances in the Internet ecosystem.

Information and communications technologies have increasing impact on global trade and development. As global reliance on the Internet grows, ICANN's role as the single coordinator of the Internet's unique identifier systems is increasingly important.

To ensure its position as the recognized hub for facilitating discussions about the Internet and the DNS among all of its global stakeholders, ICANN will continue

to increase awareness that the Internet ecosystem does not exist in a vacuum. In addition, ICANN will continue to partner with others in the Internet ecosystem and beyond to support initiatives that are relevant to addressing geopolitical issues and maintaining a single, interoperable Internet.

With an established reputation as a central forum to address issues as they relate to the unique identifier systems, ICANN will also consider how best to position itself to respond to emerging regulatory and legislative matters that may impact its mission and the operation of the Internet's unique identifiers. A range of issues could threaten a single, interoperable Internet. For example, different jurisdictions could require changes to ICANN's contracts or technical standards, or override ICANN's processes.

To achieve this strategic objective, ICANN seeks to:

Identify and address global challenges and opportunities within its remit by further developing early warning systems, such as ICANN org's Legislative and Regulatory Development Reports.

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Continue to build alliances in the Internet ecosystem and beyond to raise awareness of and engage with global stakeholders about ICANN's mission and policymaking.

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Objective: Address Geopolitical Issues Impacting ICANN's Mission

4.1 Further developing early warning systems such as ICANN org's Legislative and Regulatory Development Reports

Proposed Focused Engagement Areas/ Activity	Envisioned Outcomes	Examples of Outcomes
Partner the APAC community to detect and monitor legislative initiatives that could impact ICANN's mission or operations	Established (formal or informal) network of relevant stakeholders share information on legislative initiatives that could impact ICANN's mission or operations	Opportunities to contribute to detecting and monitoring legislative initiatives that could impact ICANN's mission or operations

Objective: Address Geopolitical Issues Impacting ICANN's Mission (II)

4.2 Continue to build alliances with the region's Internet ecosystem and beyond to raise awareness of and engage with global stakeholders about ICANN's mission and policy making

Proposed Focused Engagement Areas/ Activity	Envisioned Outcomes	Examples of Outcomes
Foster relationships with industry, regulators/policy makers, and end-users to inform about the Internet's unique identifier systems, and ICANN's role in the Internet ecosystem	Relevant stakeholders are informed on how the Internet works and ICANN's remit amongst relevant stakeholders, resulting in increased understanding and trust in ICANN and its ability to coordinate the Internet unique identifiers system	Opportunities to inform relevant stakeholders on aforementioned topics at key regional fora as well as established channels

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Community Discussion



Edmon Chung
APAC Space Community
Facilitator

Need more time to digest?

Comment online:

- Comment directly on [Community Wiki](#)

Additional Information

- See blog for examples: <https://www.icann.org/news/blog/feedback-needed-for-icann-asia-pacific-regional-plan-fy21-25>

AOB



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