

APAC Space Web Conference

**APAC Regional Plan
DNS Security Threat Mitigation Program & Webinar
ICANN72 Planning & APAC Participation**



26 August 2021

Agenda

- **Welcome Remarks** – Jia-Rong Low, Vice President, Stakeholder Engagement & Managing Director, ICANN APAC (3 min)
- **APAC Regional Plan** (40 mins)
 - FY21 Achievements & FY22 Highlights – Jia Rong Low (20 mins)
 - Open Community Discussion – led by Amrita Choudhury, APAC Space Community Discussion Facilitator (20 mins)
- **DNS Security Threat Mitigation Program & Webinar** (20 mins)
 - Overview – Russ Weinstein, Vice President, Global Domain Division Accounts & Services, ICANN (7 mins)
 - Responses to Submitted Questions and Open Discussion – led by Amrita Choudhury (13 mins)
- **ICANN72 Planning & APAC Participation** – proposed by Heather Forrest, IPC President (20 mins)
 - Update on Current ICANN72 Planning Status – Tanzania King, Meeting Strategy & Design Director, ICANN (7 mins)
 - Community Discussion on Points of Possible Coordination – led by Heather Forrest and facilitated by Amrita Choudhury (13 mins)
- **AOB** (7 mins)

Welcome Remarks



Jia-Rong Low
VP, Stakeholder Engagement &
Managing Director, ICANN APAC

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

Subscribe to our mailing list : subscribe@apacspace.asia

Community discussions: discuss@apacspace.asia

Find out more: www.apacspace.asia/

APAC Regional Plan



FY21 Achievements & FY22 Highlights



Jia-Rong Low
VP, Stakeholder Engagement &
Managing Director, ICANN APAC

5 Objectives

1. Security of DNS and DNS Root Server System
2. Effectiveness of ICANN's MS model
3. Evolve unique identifier systems
4. Address geopolitical issues impacting ICANN's mission
5. Ensure financial sustainability



Contribute to 4 Objectives

1. Security of DNS and DNS Root Server System
2. Effectiveness of ICANN's MS model
3. Evolve unique identifier systems
4. Address geopolitical issues impacting ICANN's mission
5. ~~Ensure financial sustainability~~

Asia Pacific Regional Plan for Fiscal Years 2021-2025

1 July 2020 – 30 June 2025

Asia Pacific Regional Office
1 July 2020



(1) Security of DNS & Root Server System

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Partner the APAC community to participate in and raise awareness of technical projects	DNS Abuse Activity Reporting (DAAR) project <ul style="list-style-type: none">NIXI (.in ccTLD) participated Identifier Technology Health Indicators (ITHI) project <ul style="list-style-type: none">APNIC contributed to research on resolver concentration data	<ul style="list-style-type: none">Continue: DAAR, ITHINew: KINDNS, DNS Demographics, DNSTICR
Explore other technical partnerships with the APAC community	NASSCOM (India) <ul style="list-style-type: none">Launched DNS Project Competition	<ul style="list-style-type: none">Complete DNS Project Competition

(1) Security of DNS & Root Server System (cont'd)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Explore other technical partnerships with the APAC community	<p>C-DAC (India)</p> <ul style="list-style-type: none">• Established Train-the-trainer program → model for success• C-DAC delivered 3 DNS security webinars in 2020. ICANN org supported “DNS Advanced Training” in Nov 2020; and collaborated on another joint training in Jul 2021.• C-DAC offers a six-month diploma course in Networking (includes DNS basics)	<ul style="list-style-type: none">• Continue to partner/support C-DAC• C-DAC plans to hold four training sessions before June 2022.• Also planning to host an international conference in Dec 2021 or Jan 2022.

(1) Security of DNS & Root Server System (cont'd 2)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
<p>Communicate/raise awareness on key topics:</p> <ul style="list-style-type: none"> • How the DNS works • Root Server System • DNS operations and security • Adoption of global open Internet standards (e.g. DNSSEC, DNS BCP etc) 	<ul style="list-style-type: none"> • Beijing Cybersecurity Conference 2020 • National/Regional NOGs • DNS Security Trainings • Broadband India Forum • ... 	<ul style="list-style-type: none"> • Continue to feature topics at key events/platforms • Inaugural APAC DNS Forum 2022
<ul style="list-style-type: none"> • DNSSEC deployment 	<ul style="list-style-type: none"> • ccTLDs .fm and .fj signed DNSSEC. 58% of APAC ccTLDs have signed DNSSEC (global rate at 56%) 	<ul style="list-style-type: none"> • Continue with approach
<ul style="list-style-type: none"> • ICANN Managed Root Server (IMRS) 	<ul style="list-style-type: none"> • IMRS cluster in Singapore • Palau (1st IMRS instance) • Sydney, Australia • 4 in India (Mumbai, Bengaluru, Mohali, and Guwahati) • Xining (Qinghai province), China 	<ul style="list-style-type: none"> • Continue to look for partners

(1) Security of DNS & Root Server System (cont'd 3)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Grow a network to contribute to the governance and technical evolution of DNS root server operations and services	<ul style="list-style-type: none">• 3/10 RSS Governance Working Group (GWG) members from the APAC region<ul style="list-style-type: none">• Representatives provided regular RSS related updates to their local communities (China and Japan)• RSSAC Caucus - a new community member joined (China)• APAC Space - Initiated RSS related discussions through the APAC Space platform	<ul style="list-style-type: none">• Continue updates at APAC Space?

(2) Effectiveness of ICANN's MS model

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Support the APAC community during ICANN readouts and APAC Space	ICANN Readouts <ul style="list-style-type: none"> • India • Japan • China • Youth • APAC Space 	<ul style="list-style-type: none"> • China Space launched • APRALO readout
Community participation	PDP Leaders <ul style="list-style-type: none"> • Rafik Dammak - Expedited PDP (EPDP) on the Temporary Specification for Generic Top-Level Domain (gTLD) Registration Data (Phase 2) • Cheryl Langdon Orr - New gTLD Subsequent Procedures • Kenny Huang & Anil Jain - ccPDP4 Public Comments <ul style="list-style-type: none"> • Reference Label Generation Rulesets (LGRs) for the Second Level – 58% from APAC 	<ul style="list-style-type: none"> • Develop mentorship program. Framework to focus on: <ul style="list-style-type: none"> • Shadowing mentors • “Hands-on” learning • Administrative point: <ul style="list-style-type: none"> • Slot this section to contribute to Goal 2.3 “Sustain and improve openness, inclusivity, accountability and transparency.”

(2) Effectiveness of ICANN's MS model (cont'd)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Community participation (cont'd)	<p>Community Groups</p> <ul style="list-style-type: none"> • Jordan Carter - ccNSO Council Vice-Chair • Satish Babu - APRALO Chair • Pär Brumark - GAC Vice-Chair <p>UASG Leaders</p> <ul style="list-style-type: none"> • Dr. Ajay Data - UASG Chair, Local Initiatives Working Group Chair • Dr. U.B. Pavanaja - UASG Vice Chair • Nitin Walia - EAI Working Group Vice Chair • Satish Babu - Technology Working Group Chair • Abhishek Mishra - Technology Working Group Vice Chair • Rajiv Kumar - Technology Working Group Vice Chair 	

(2) Effectiveness of ICANN's MS model (cont'd 2)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Support regional and local Internet Governance (IG) fora	<ul style="list-style-type: none">• IGFs – 5• SIGs – 8• Regional IG events/conferences – 6• Highlights:<ul style="list-style-type: none">• ICANN Board Chair Maarten Botterman at the inaugural China IGF, Netmission Academy 2021 (Training VI), and the India School on Internet Governance (inSIG2020).• Co-hosted the 2nd ICANN APAC-Taiwan Network Information Centre (TWNIC) Engagement Forum. ICANN Board Member Akinori Maemura participated.	<ul style="list-style-type: none">• Continue with current approach

(3) Evolve unique identifier systems (UA and IDNs)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
<p>Universal Acceptance (UA)</p>	<p>UA Local Initiatives</p> <ul style="list-style-type: none"> • China • India • Thailand <p>UASG-related initiatives</p> <ul style="list-style-type: none"> • China – Coremail and CNNIC supported global EAI testing project • Coremail (China) and THNIC (Thailand) contributed to EAI case study <p>Partnership</p> <ul style="list-style-type: none"> • APTLD – APAC UA Training Program <p>Others – 9 engagements at events</p>	<ul style="list-style-type: none"> • Continue with current approach • Partner to raise awareness or establish a Local Initiative? • Continue engagement at events e.g. UA session at SEA-IGF2021 (1 Sep) • Administrative point: <ul style="list-style-type: none"> • Update “Support the UASG’s activities in the region, in particular the UA Local Initiatives” to “Support UA activities in the region, particularly the UASG and UA Local Initiatives”.

(3) Evolve unique identifier systems (UA and IDNs II)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Support IDN policy work	<p>ccPDP4- (de-)selection of IDN ccTLD Strings PDP</p> <ul style="list-style-type: none">7/14 (i.e. 50%) working group members; 3/14 participants from APAC <p>Root Zone (RZ) LGR:</p> <ol style="list-style-type: none">RZ-LGR-4, including Chinese and Bangla scripts, was publishedKorean RZ-LGR proposal finalised <p>Second level reference LGR for Sinhala script – published</p>	<ul style="list-style-type: none">Continue with current approach

(3) Evolve unique identifier systems (New Technologies)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Communication/Raise awareness of new technologies and their potential impact on the DNS	Six local/regional dialogue/fora <ul style="list-style-type: none">• Topics covered includes 5G, DoH/DoT, Technical IG.• APrIGF2020 – session discussed possible impacts of new technologies on the single and global Internet• ISOC-JP webinar – discussed policy implications of using encrypted DNS	<ul style="list-style-type: none">• Continue with current approach

(4) Address geopolitical issues impacting ICANN's mission

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
Detect and monitor legislative initiatives that could impact ICANN's mission or operations	Legislation on radar: <ul style="list-style-type: none">• China's Personal Information Protection Law• China's Draft Data Security Administration Measures• Sri Lanka's Draft Personal Data Protection Bill• India's IT Rules 2021• Vietnam's Draft Personal Data Protection Decree (PDPD)• Japan's Amendments to the Protection of Personal Information Act	<ul style="list-style-type: none">• Continue with current approach• How can we strengthen our network?

(4) Address geopolitical issues impacting ICANN's mission (cont'd)

Engagement Area / Activity	FY 21 Milestones / Achievements	Highlights for FY22
<p>Inform about the Internet's unique identifier systems, and ICANN's role in the Internet ecosystem</p>	<p>14 local/regional Internet Forum/Conferences. Highlights include:</p> <ul style="list-style-type: none">• APRICOT2021 – ICANN CEO Göran Marby's keynote speech on the topic of "Navigating the Post-Pandemic World as an Internet Community", focusing on ICANN's technical remit and Technical IG• ICANN APAC-TWNIC Engagement Forum – raised awareness of ICANN's role in the Internet ecosystem in relation to the Forum's theme of cybersecurity	<ul style="list-style-type: none">• Continue with current approach

Open Community Discussion



Amrita Choudhury
APAC Space
Community Facilitator

DNS Security Threat Mitigation Program & Webinar



Overview

Recent and future ICANN efforts to mitigate DNS Security Threats and highlights of ICANN data, trend analysis



Russ Weinstein

VP, Global Domain Division
Accounts & Services, ICANN



The DNS Security Threat Mitigation Program

We have three main areas of focus:

**Recognized as
Trusted Source**

Provide objective
research, data and
expertise to help
the community have
fact-based
discussions

**Tools for the
Community**

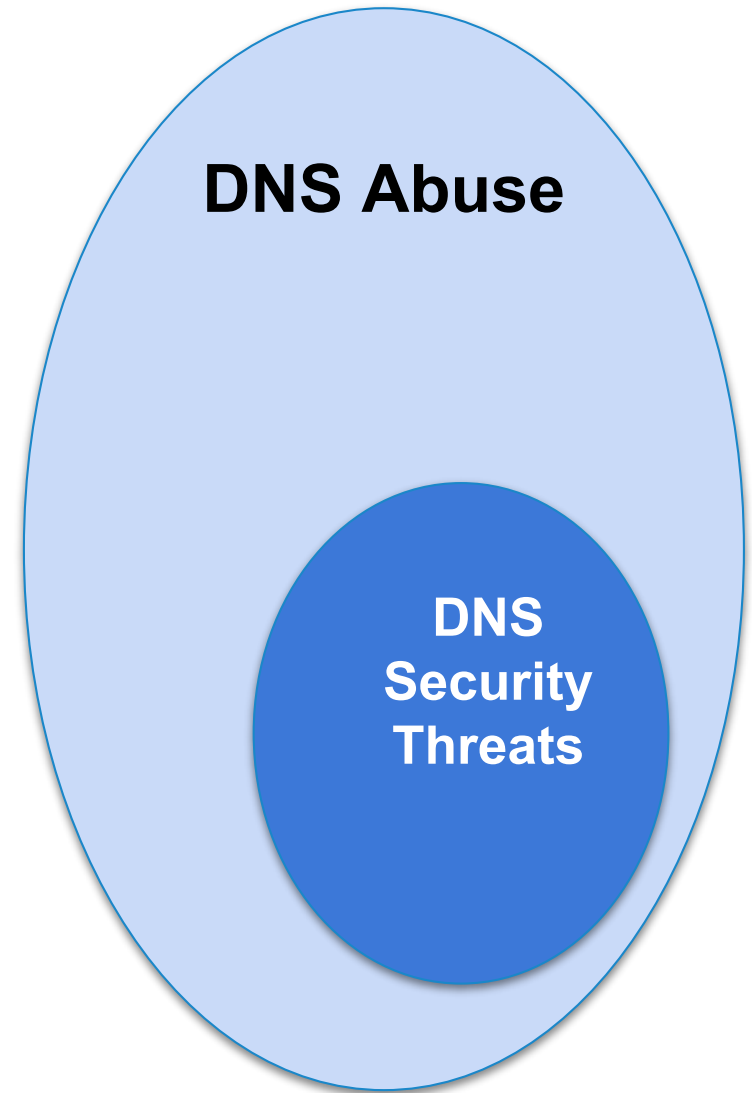
Capacity
development,
resources, and
tools

**Enforce Contractual
Provisions**

Audits and
Enforcement

DNS Security Threats and DNS Abuse

- **No Consensus Definition of DNS Abuse**
- **Bylaws focus our remit on Security and Stability of the DNS and prohibit content regulation**
- **DNS Security Threats:**
 - Phishing
 - Malware
 - Botnets
 - Pharming
 - Spam (as a vector)



Goal

Make the Internet safer for end users by reducing the rate of DNS security threats across the Internet.

Objectives

- Create a collaborative platform which provides visibility across org's various DNS security threats and abuse related initiatives/projects
- Raise awareness about DNS security threats
- Recognition that ICANN is a trustworthy, fact-based source of data for measurement of DNS security threats in TLDs for which ICANN has data
- Reduce the rate of DNS security threats

Next Steps

- Continue the org's work related to mitigation of DNS Security Threats
 - ◎ Registrar Audit Final Report
 - ◎ Expansion of DNSTICR
 - ◎ Enhancements to DAAR
 - ◎ Tools for Contracted Parties
 - ◎ Capacity Development Events
- Support the Board's understanding of DNS Abuse
 - ◎ Technical and remit expertise
 - ◎ Assessments of community recommendations

**Visit us at www.icann.org/dnsabuse
for more information.**

Responses to Submitted Questions & Open Discussion



Amrita Choudhury
APAC Space
Community Facilitator

Submitted Questions

1. If the list of security threat domain names is not available for analysis, how can the community get data if they want to research it?
2. How can ccTLDs participate in the [DAAR Program](#)?
3. What are the current challenges observed in the Program?
4. How does ICANN plan to take this initiative to the next level?

Other Questions?

ICANN72 Planning & APAC Participation



ICANN72 Planning Update



Tanzanica King
Meeting Strategy & Design Director,
ICANN

ICANN72 Planning Update

Production Timeline



Seattle Working Hours: Pacific Daylight Time, UTC-7

UTC-time	Seattle	Buenos Aires	Istanbul/Nairobi	London	Singapore	Sydney	
	PDT, UTC -7	ART, UTC -3	TRT/ EAT, UTC +3	BST, UTC +1	SGT, UTC +8	AEDT, UTC +11	
16:00	9:00	13:00	19:00	17:00	0:00	3:00	
17:00	10:00	14:00	20:00	18:00	1:00	4:00	
18:00	11:00	15:00	21:00	19:00	2:00	5:00	
19:00	12:00	16:00	22:00	20:00	3:00	6:00	
20:00	13:00	17:00	23:00	21:00	4:00	7:00	
21:00	14:00	18:00	0:00	22:00	5:00	8:00	
22:00	15:00	19:00	1:00	23:00	6:00	9:00	
23:00	16:00	20:00	2:00	0:00	7:00	10:00	
0:00	17:00	21:00	3:00	1:00	8:00	11:00	
						+1 day	

ICANN72 Draft Block Schedule

DRAFTv2.1



BLOCK	PDT (UTC-7)	UTC	MON	TUES	WED	THUR
			25 OCT	26 OCT	27 OCT	28 OCT
			*Tech Day		*DNSSEC Workshop	
Block 1	09:00-10:00	16:00-17:00	ICANN Board and SO/AC/SG/C	ICANN Board and SO/AC/SG/C	ICANN Board and SO/AC/SG/C	ICANN Board and SO/AC/SG/C
Break	10:00-10:30	17:00-17:30	Virtual Coffee/Fika	Break	Break	Break
Block 2	10:30-12:00	17:30-19:00	Plenary TBD	ICANN Board and SO/AC/SG/C	Plenary TBD	ICANN Board and SO/AC/SG/C
Break	12:00-12:30	19:00-19:30	Break	Break	Virtual Coffee/Fika	Break
Block 3	12:30-14:00	19:30-21:00	Cross-Community Interaction	ICANN Board and SO/AC/SG/C	GNSO Council GAC Communiqué	Wrap-Ups
Break	14:00-14:30	21:00-21:30	Break	Break	Break	Virtual Coffee/Fika
Block 4	14:30-16:00	21:30-23:00	ICANN Board and SO/AC/SG/C	Cross-Community Interaction	GNSO Council GAC Communiqué	ICANN Public Forum
Break	16:00-16:30	23:00-23:30	Break	Virtual Coffee/Fika	Break	Break
Block 5	16:30-17:30	23:30-00:30	ICANN Board and SO/AC/SG/C	Cross-Community Interaction	GAC Communiqué	23 rd ICANN Annual General Meeting

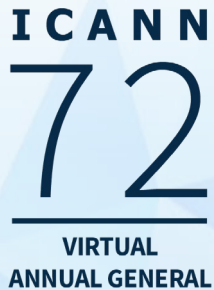
DRAFT SUBJECT TO CHANGE

- “Constituency Day” sessions throughout the week
- 1-2 Plenary sessions TBD
- Block Schedule to be finalized by
- **Monday, 30 August**

ICANN72 Plenary Session Topic Proposals

<p>1 Unfinished Business: Closed Generics (ALAC)</p> <p>What will happen with Closed Generics in subsequent rounds, where the 2012 Guidebook allowed for them, but the GAC advised against them, and there is currently no policy* in place? This session will open this conversation, surrounding closed generics, up to the broader community.</p>	<p>2 Tackling DNS Abuse (ALAC)</p> <p>This proposal aims to bridge the widening gap between policy development around activity considered abusive to the Domain Name System (DNS Abuse) and relevant legal and policy measures. With the overall goal of breaking the silos, it brings together technical community, governments and business from around the globe to offer different perspectives on DNS Abuse and platform liability.</p>	<p>3 Moving Forward with the Global Public Interest Framework (ALAC)</p> <p>The ICANN FY22 Operating Plans include the following activity: "Community to decide whether the proposed public interest framework can be used to demonstrate how specific recommendations, advice and public comments are in the global public interest." This session will provide more information and seek feedback about the public interest framework, how it is evolving, and how such a tool should be used by the community in their activities/initiatives to further ICANN's mission.</p>
<p>4 ICANN Accountability and Transparency and the ICANN Reviews (ALAC)</p> <p>This proposal aims to both explore the ATRT3 recommendations regarding Reviews and the Board approval of the ATRT3 Final Report as well as expand the understanding of the perspectives of all ICANN Constituencies on the implementation of the recommendations.</p>	<p>5 How to Design Inclusive, Equitable Hybrid ICANN Meetings (GAC)</p> <p>This would be an open discussion with all SO/ACs participants (and others) on how we can ensure that the new hybrid meeting format promotes values of inclusivity and diversity. Issues to discuss may include how to ensure virtual participation is treated on par with physical participation, what opportunities hybrid meetings could provide to bolster diversity at ICANN, and how we can ensure diversity in active participation across regions, genders and stakeholder groups.</p>	<p>6 GDPR / WHOIS Data: What is Next? (GAC)</p> <p>An opportunity to discuss (holistically, and outside of the current policy development processes), current issues in the field of data protection relating to WHOIS data including new developments in the field of data protection including NIS2 and the Digital Services Act, the upcoming launch of the SSAD and ongoing work to improve the accuracy and availability of WHOIS data.</p>

ICANN72 Planning Update



October 2021						
S	M	T	W	T	F	S
	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						
31						
31	32	33	34	35	36	37

- Prep Week Schedule Posted Online (27 September)
- **ICANN72 Schedule Posted Online (4 October)**
- **Prep Week (12-14 October)**
- **At-Large Week (Week of 18 October)**
- **ICANN72 Virtual AGM (25-28 October)**

Reference Links

- [ICANN72 Schedule](#)
- [Meeting Participation Tools](#)

ABOUT AT-LARGE WEEK

- At-Large working meetings and policy sessions will be held during the At-Large Week;
- Joint meetings with the ICANN Board and other SO/ACs as well as the Wrap-Up will be held during ICANN72 AGM. (See: [At-Large ICANN72 Annual General Meeting](#))

Points of Possible Coordination & Community Discussion



**Heather
Forrest**
IPC President



**Amrita
Choudhury**
APAC Space
Community
Facilitator

AOB



Engage with ICANN



Thank You

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