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ICANN64 WRAP-UP EDITION

TOP STORY

Register Now for ICANN65!

Registration is now open for the ICANN65 Policy Forum in Marrakech, Morocco. The Policy Forum from 24-27 June will give the global Internet community a chance to focus on policy development. This will be the twelfth ICANN Public Meeting held in Africa, and the third in Marrakech, Morocco.

Register here.

ICANN64 NEWS

Policy Work at ICANN64

The ICANN64 Community Forum in Kobe, Japan allowed for dynamic discussions and substantive work. The Post-ICANN64 Policy Report captures decisions and outcomes from the Supporting Organizations and Advisory Committees. The report also looks ahead and provides resources to enable sustained engagement on important issues. Read the full report here.

The next ICANN Public Meeting is a Policy Forum in Marrakech, Morocco. The ICANN organization is proud to facilitate this work and to support the core, consensus-driven policy and advice development work of the community by enabling efficient and effective bottom-up participation in the multistakeholder model. We look forward to seeing you at ICANN65!
At ICANN64, the Universal Acceptance Steering Group (UASG) elected a new Chair, Dr. Ajay Data, and three Vice Chairs, Dusan Stojicevic, Dennis Tan Tanaka, and Mark Svancarek. They are tasked with continuing the global consortium’s mission to ensure that all domain names are treated equally.

Outgoing Chair Ram Mohan noted, "The Group's mission is more important than ever to ensure that organizations understand how to keep pace with the evolving Domain Name System and can help bring the next billion people online."

Under Mohan's leadership the UASG helped raise awareness of the need for Universal Acceptance (UA) by engaging key stakeholders and developing documentation and resources for UA readiness; developing processes for measuring UA compliance and establishing benchmarks; and emphasizing the importance of Email Address Internationalization.

Read more [here](#) or visit [www.uasg.tech](http://www.uasg.tech).

**ccNSO Council Leadership Election**

The ccNSO Council elected a new leadership team for the 2019-2020 term at ICANN64.

Katrina Sataki (.lv) and Byron Holland (.ca) were re-elected as Chair and Vice Chair of the ccNSO Council. Alejandra Reynoso (.gt) was elected to the ccNSO Council leadership team for the first time as Vice Chair.

Additional information on the recent ccNSO election can be found on the [ccNSO website](#).

**At-Large: Advisory and Activities Updates from ICANN64**

ICANN64 was Maureen Hilyard's first meeting as ALAC Chair, and a new more interactive approach to the meetings was incorporated, including three At-Large policy workshops held on balancing privacy and security/stability, universal acceptance, and new generic top-level domain (gTLD) subsequent procedures. The ALAC and GAC approved a Joint GAC-ALAC Statement on the EPDP. The ALAC met with the GNSO for the first time, and held a Regional Partners Workshop with the RIRs and ICANN GSE Team for the first time. APRALO and APAC Hub held a joint networking event, and AFRALO-AfrICANN finalized a new statement on the topic of gTLD subsequent procedures. A logistical plan has been developed, and activity related to ATLAS III planning will continue after ICANN64, including discussions on ALS metrics, policy and outreach and engagement activity.

**Finalized RDAP Profile Now Available**

The August 2018 draft of the Registration Data Access Protocol (RDAP) profile is now available. The implementation date has been set for 26 August 2019. Please check out [this blog](#) for an outlook on the next steps in the process. Available resources for
Moving Forward with RDAP

RDAP enables users to access current registration data and was created as an eventual replacement for the WHOIS protocol. It was developed by the technical community in the Internet Engineering Task Force (IETF).

Don't Let Emojis Cause Trouble!

Emojis can create a security risk when used in domain names. This new resource document, available in multiple languages, explains the problems emojis can create when used in domain names. Download the document, here.

KSK Roll is (Almost, but Not Yet) Over
by Paul Hoffman and Matt Larson

If you were following the key signing key (KSK) rollover for the Domain Name System (DNS) root zone in October 2018, you may have thought that the rollover was complete when the new KSK was put into use. While that was the major step in the process, another major step happened after that, and yet another came later in March. We aren't finished yet.

On 11 January 2019, the record in the DNS root zone that holds the old KSK was changed to indicate that the key had been revoked. That change affects resolvers that implement Automated Updates of DNSSEC Trust Anchors: the revocation tells them to never trust the old KSK again. Research done after the revocation showed that some resolvers have bugs causing them to react poorly and send significantly more queries to the root servers. Fortunately, these additional queries are not significant compared to the overall load received by the root servers, so no users are affected.

On 22 March 2019, the old KSK was removed from the root zone. Immediately after the old KSK was removed, the number of queries to the root servers dropped. All that remains now is minor cleanup that will only be visible if you watch the Root Key Ceremonies, and then this rollover can be said to be fully complete.

The ICANN Office of the Chief Technology Officer (OCTO) released a review in early March describing the KSK rollover in detail. For more background and resources on the historic KSK rollover, check out the dedicated page on icann.org.

Meet the Internet Samurai and ICANN Pioneer
Dr. Jun Murai, Chair of the ICANN64 Local Host Committee, is widely considered “the father of the Internet in Japan”. His achievements have been recognized by many major bodies in the tech field, including the Internet Hall of Fame, the Jonathan B. Postel Service Award, and the Institute of Electrical and Electronics Engineers. He has also been dubbed the "Internet Samurai" due to his unflagging efforts to boost Internet development across the Asia-Pacific region.

Dr. Murai wanted to be a scientist when he was a child, and jokes his parents named him "Jun" because they wanted him to invent the Japan University Network. In 1984, he used modems he brought back from the United States to connect university computers from across Japan for the first time, creating the Japan University UNIX Network (JUNET). In 1986, JUNET established a connection to the Computer Science Network (CSNET) project for the US National Science Foundation led by Professors Lawrence Landweber and David Farber, the first time a Japanese network successfully established a connection to an international network, a forerunner of the modern Internet.

Professor Murai was one of the original nine ICANN Directors. He was also the first Chair of ICANN's Root Server System Advisory Committee (RSSAC) and continued to serve as a Co-Chair for 15 years until 2015. In 1988, he founded the Widely Integrated Distributed Environment (WIDE) Project, which operates the M root server. He was the first President of the Japan Network Information Center (JPNIC), a Trustee of the Internet Society (ISOC), a member of the Steering Committee of the World Wide Web Consortium (W3C), and has been a member of the Internet Architecture Board since its founding. Dr. Murai is currently a member of the faculty and Dean at Keio University in Tokyo, where he has been since completing his doctorate there in 1987.

He believes strongly in the continued interoperability of the Domain Name System (DNS) in both open protocol development and operation. He advocates for root operators with broad diversity who operate their respective root servers in a manner to ensure DNS reachability and resilience to the global DNS and Internet consumers. Dr. Murai believes this model will help keep the Internet a truly global and autonomously distributed system.

One more interesting detail about this giant of DNS development: even Internet Samurai have hobbies. In his spare time, Murai-san plays Pokemon GO.

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**ICANN BY THE NUMBERS**
296 Public sessions

1,707 Attendees

3,167 Tweets with #ICANN64

2nd ICANN Meeting in Japan

389 Photos taken

120,277 Photos viewed on Flickr

507 Newcomers

1,119 Unique visitors to ICANN64 Mobile App

40 Fellows

25 Fellows Alumni

12 NextGen@ICANN members

3 NextGen Ambassadors

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