ICANN update @ PacNOG 31

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26 June 2023, Port Vila, VU

Overview

1. Next round of new generic Top-Level Domains (gTLD)

2. Universal Acceptance

3. DNS Security
    - DNSSEC zone signing at ccTLD registry level
    - Validation by ISPs and network operators

4. Registration Data Request Service

5. Get involved

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

1. Next generic Top Level Domain Program

- Recap: Last application round of new gTLD was between Jan – April 2012
  - 1930 applications submitted
  - Over 1200 gTLD delegation – introduced into the Internet

- Next round for new gTLD Program – coming soon.
  - An opportunity to manage and run a TLD registry if meaningful for you
  - Discussions ongoing at ICANN

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2. Universal Acceptance

All domain names should be treated equally.

Including:

пример.рф	site.example	名称@网站.域名
Internationalized Domain Names	New gTLDs	Internationalized Email Addresses

Accept Validate Process Store Display

UA Call to Action

For Businesses:

o Organize internally and assess if your business' systems are compliant with UA standards.

o Update your own IT systems to be UA-ready. See UASG026 UA-Readiness Framework, UASG004 test cases, and code samples.

For Governments:

o Evaluate the possibility of including UA requirements in government procurements.

o Coordinate with your national ccTLD managers and ICANN Governmental Advisory Committee (GAC) delegates to participate in and strengthen UA-related actions.

For Academia:

o Upgrade email systems to support Email Address Internationalization (EAI).

o Update IT curricula to include teaching and learning of UA and software internationalization related concepts.

3. DNSSEC in the region

DNSSEC Level
pacific
data from 31 Aug 2021

16 Full	59.26%	
11 None	40.74%	
27 pacific	100.0%	
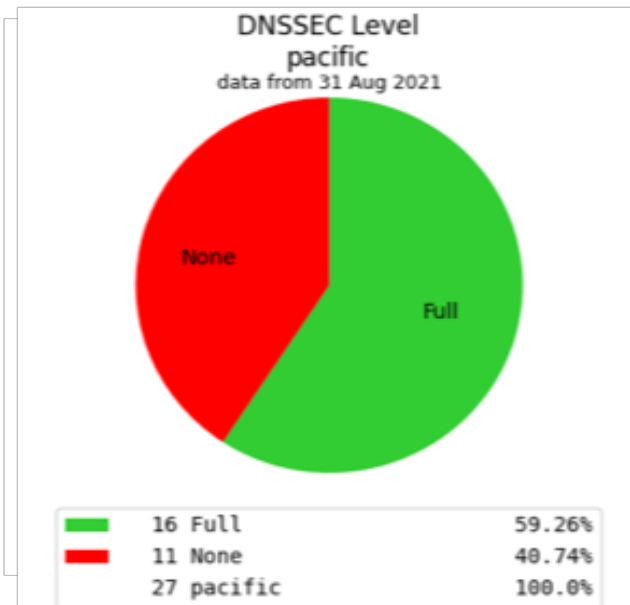
16 ccTLDs (60%) implemented DNSSEC in the Oceania sub-region:

AU	CC	CX	FM
FJ	KI	NC	NZ
NU	NF	PW	SB
TV	VU	WF	WS

*Our other Ask: Resolver operators in the region, please enable DNSSEC validation

https://www.icann.org/resources/pages/dnssec-what-is-it-why-important-2019-03-05-en

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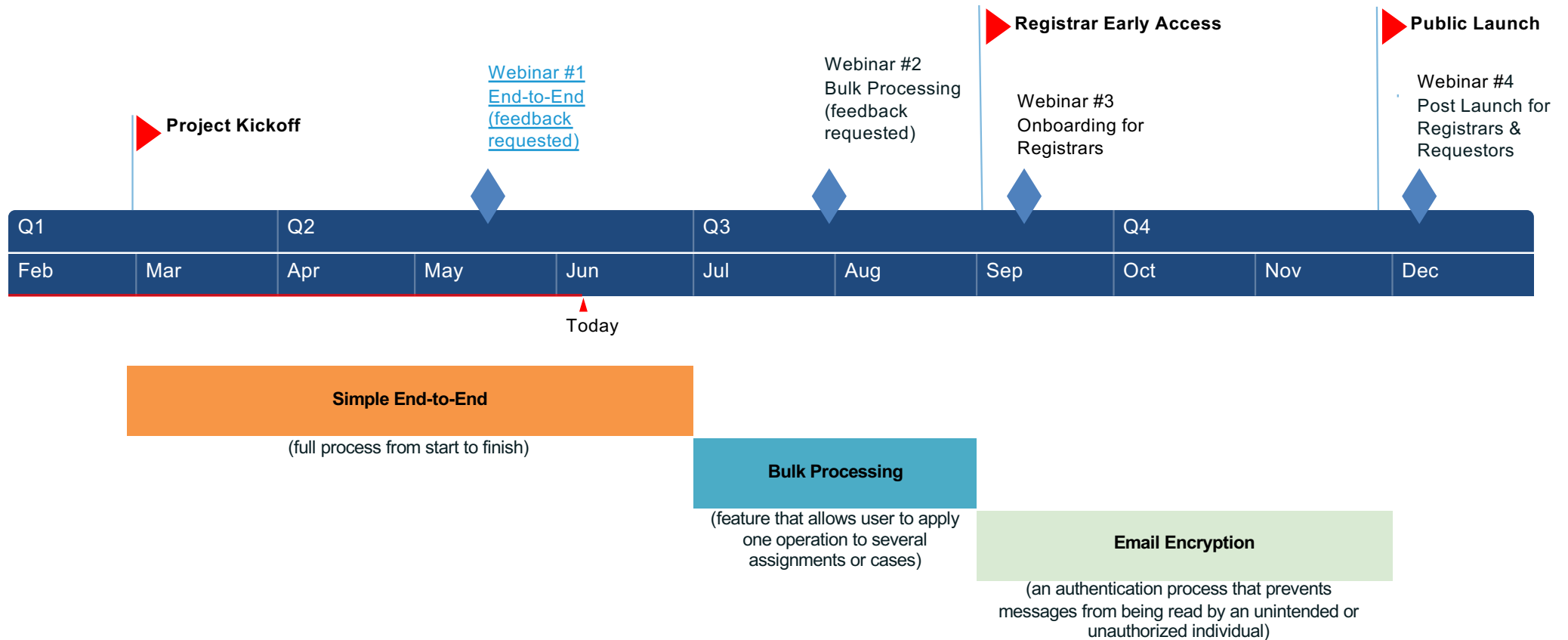# 4. The Registration Data Request Service

- A proof of concept service that will handle requests for access to nonpublic registration data related to gTLDs.

- Connects requestors seeking disclosure of nonpublic registration data with the relevant ICANN-accredited registrars for gTLD domain names who are participating in the service.

- Use of the system by ICANN-accredited registrars is **voluntary**.

Why Is It Being Developed?

- The new service is intended to gather usage and demand data that can inform the ICANN Board's consideration of the consensus policy recommendations related to a System for Standardized Access/Disclosure, and ongoing consultations with the Generic Names Supporting Organization Council.

- ICANN org will collect the relevant usage data for up to two years.

- The usage data will be shared publicly and be reviewed by the ICANN Board and community before a determination is made on next steps.

High Level Timeline

Registrar Early Access

Public Launch

Webinar #1
End-to-End
(feedback
requested)

Webinar #2
Bulk Processing
(feedback
requested)

Project Kickoff

Webinar #3
Onboarding for
Registrars

Webinar #4
Post Launch for
Registrars &
Requestors

Q1		Q2				Q3			Q4		
Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	

Today

Simple End-to-End

(full process from start to finish)

Bulk Processing

(feature that allows user to apply
one operation to several
assignments or cases)

Email Encryption

(an authentication process that prevents
messages from being read by an unintended or
unauthorized individual)

5. 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** 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**.

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Engage with ICANN

Thank You and Questions

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