

I C A N N
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63

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20-25 October 2018



Second Security, Stability, and Resiliency of the Domain Name System (SSR2) Review Team

DRAFT FOR RT CONSIDERATION

Engagement Session @ ICANN63

October 2018



Agenda

- ⦿ Welcome
- ⦿ Where We Are Today
- ⦿ Our Team
- ⦿ Our Scope & Terms of Reference
- ⦿ Our Work
 - Work streams 1, 2, 3, 4
- ⦿ Our Outreach Plan
- ⦿ Our Current Timeline
- ⦿ How Can You Get Involved?
- ⦿ Thank You & Questions

Where We Are Today

- ⦿ SSR2 RT reconvened in August 2018 after being paused since October 2017
- ⦿ Achieved our August face-to-face meeting objectives:
 - Welcomed 5 new members; they are now up to speed
 - Selected leadership of Chair and 3 Vice-Chairs
 - Reviewed completed work to date
 - Updated scope/Terms of Reference
- ⦿ Currently refreshing our workplan and moving forward with substantive work
- ⦿ We encourage community input to our work throughout – thank you for joining us today!

Our Team

RT Member	SO / AC Affiliation	Region
Alain Aina	ccNSO	AF
Noorul Ameen	GAC	AP
Mohamad Amin Hasbini	GAC	AP
Kerry-Ann Barrett	GAC	LAC
KC Claffy	SSAC	NA
Russ Housley (Chair)	SSAC	NA
Žarko Kecić	ccNSO	EUR
Boban Krsic	ccNSO	EUR
Jabhera Matogoro	ALAC	AF
Scott McCormick	GNSO	NA
Denise Michel (Vice-Chair)	GNSO	NA
Eric Osterweil (Vice-Chair)	RSSAC	NA
Ramkrishna Pariyar	ALAC	AP
Rao Naveed bin Rais	GNSO	AP
Kaveh Ranjbar	Board	EUR
Norm Ritchie	GNSO	NA
Laurin Weissinger (Vice-Chair)	ALAC	EUR

Our Scope & Terms of Reference

- ⦿ Adopted updated scope/Terms of Reference in September 2018:
 - Shared with the community and Board
 - Posted to our wiki here: <https://community.icann.org/x/UwPwAw>
- ⦿ Describes focus of our work, guided by ICANN's mission and requirements of its Bylaws, Article 4, Section 4.6 (c)
- ⦿ Includes:
 - Timeline of the review milestones
 - Leadership & membership responsibilities
 - How we make decisions and conduct our work
 - Outreach
 - Activities within ICANN's scope & remit to be addressed

Our Work

We are addressing relevant mandates of ICANN's Bylaws as they relate to the following key areas. All considerations will be investigated and analyzed with a clear intent to produce **specific, measurable, attainable, relevant, and time-based (SMART)** recommendations that fall within ICANN's purview:

1

ICANN's implementation of 28 SSR1 recommendations from 2012

2

ICANN's key security, stability, and resiliency activities

3

Activities that impact the SSR of the Domain Name System (that ICANN contributes to/facilitates).

4

Challenges to the secure and resilient operation of the unique identifiers system

Work Stream 1

1

SSR1 Review – ICANN's implementation of 28 SSR1 recommendations from 2012

- ⊙ Mandate from ICANN Bylaws Section 4.6 (c)(iv) “...Assess *the extent to which prior SSR Review recommendations have been implemented and the extent to which implementation of such recommendations has resulted in the intended effect.*”
- ⊙ Where we are:
 - Conducted research and information gathering; completing Team’s assessment for each of 28 recommendations:
 - What was done to implement the recommendation? Was the recommendation fully implemented?
 - Did the implementation have the intended effect? How was the assessment conducted?
 - Is the recommendation still relevant today? If so, what further work needed? If not, why not?

2

ICANN SSR – ICANN's key security, stability, and resiliency activities

- ⊙ Mandate: Review the completeness and effectiveness of ICANN's internal security processes and the effectiveness of the ICANN security framework. Where we are:
 - Reviewed, submitted questions & info requests and discussed early observations about:
 - ICANN's Security Framework and emerging threats
 - ICANN's Risk Management Framework
 - ICANN's Business Continuity strategies, objectives, plans
 - ICANN's operational planning & controls, recovery strategy
 - ICANN's Incident Response Structure
 - ICANN's root server operations
 - ICANN's Global Domains Division activities that relate to SSR objectives

Work Stream 3

3

DNS SSR – Activities that impact the SSR of the Domain Name System (that ICANN contributes to/facilitates).

- ⊙ Mandate: Review ICANNs role in the broader security of the DNS and unique identifiers system, including its role in mitigating threats to the DNS and other unique identities it coordinates.
- ⊙ Where we are:
 - Reviewed, submitted questions & info requests about:
 - Root Zone Management Practices
 - Change Management
 - Roles and Responsibilities
 - Abuse and Threats

Work Stream 4

4

Future Challenges – Challenges to the secure and resilient operation of the unique identifiers system

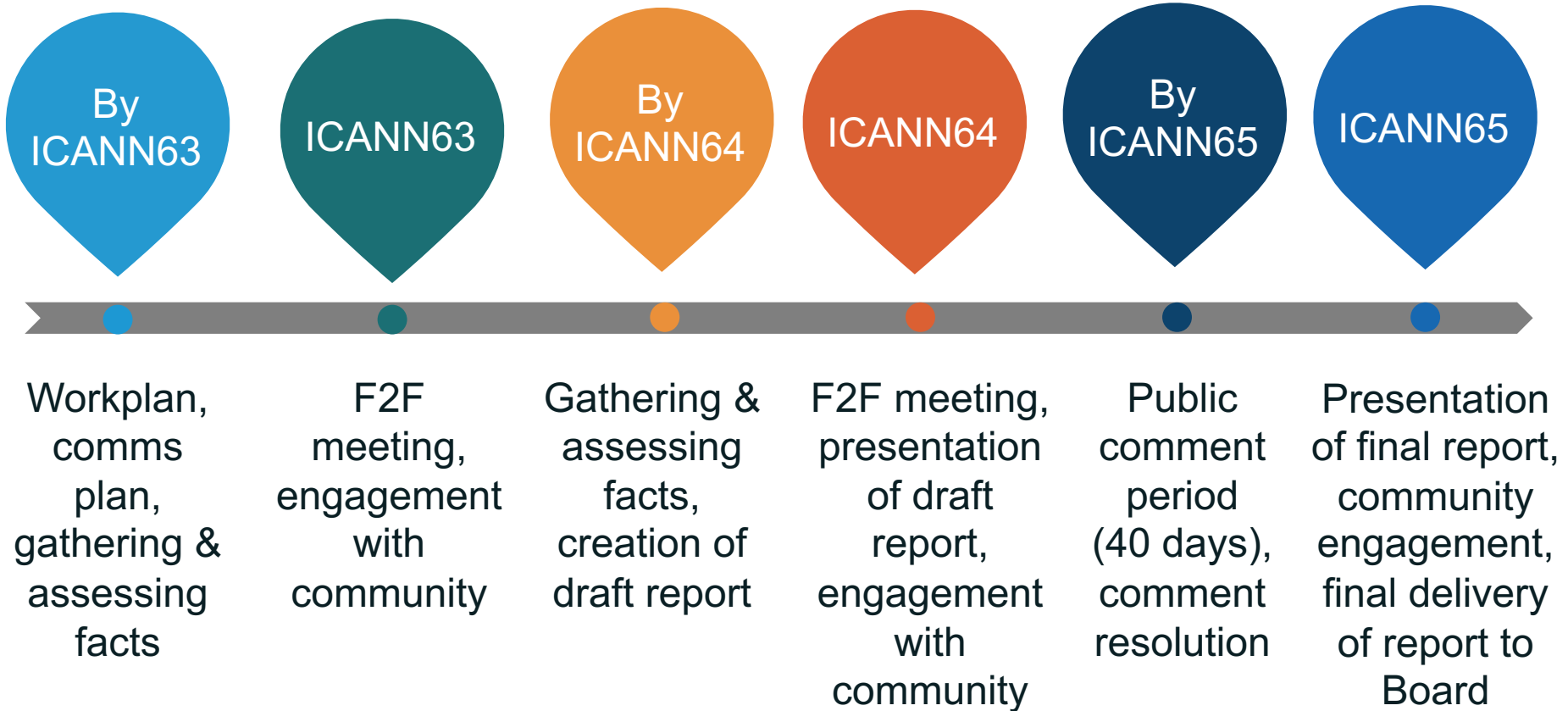
- ⦿ Mandate: Review the long term strategy of ICANN to plan for and mitigate potential threats to the secure and resilient operation of the unique identifiers systems it coordinates.
- ⦿ Where we are:
 - **Discussing focus and priorities within this work stream**

Our Outreach Plan

Posted to our wiki here: <https://community.icann.org/x/WLnRAw>

Key Milestone:	Objective(s)
1. Adopted Terms of Reference & work plan	Provide community with details on adopted Terms of Reference and work plan. Invite input.
2. Fact finding & ongoing work	Provide community with overview of work plan, information received/requested. Initial fact finding, as appropriate. Seek input.
3. Initial findings	Provide community with overview of information received/requested, results of analysis, and set of initial findings. Seek input.
4. Draft recommendations	Seek input from community, Board, org on draft recommendations.
5. Final recommendations	Present final recommendations to community, Board, org.

Our Current Timeline



How Can You Get Involved?

- ⦿ Send input via email to input-to-ssr2rt@icann.org (publically archived)
- ⦿ Provide comments at engagement sessions and online
- ⦿ Become an observer to our regular meetings - send an email to mssi-secretariat@icann.org to sign up
- ⦿ Bookmark our wiki to follow our work and view meeting records: <https://community.icann.org/x/AE6AAw>

Thank You & Questions