

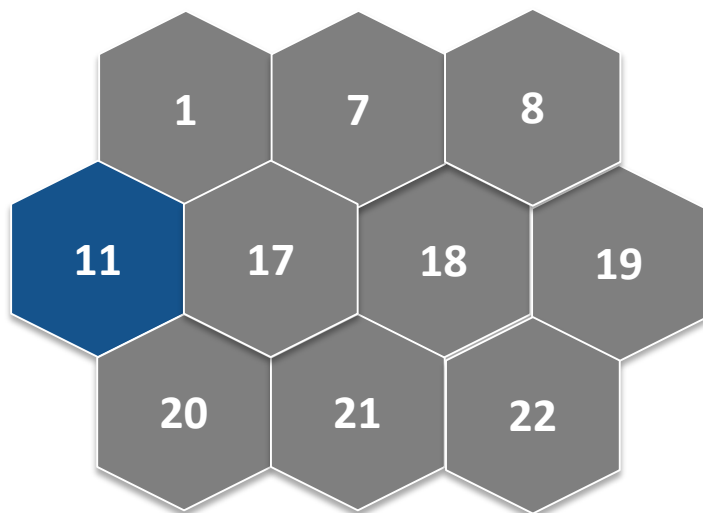
SSR1 Review Implementation



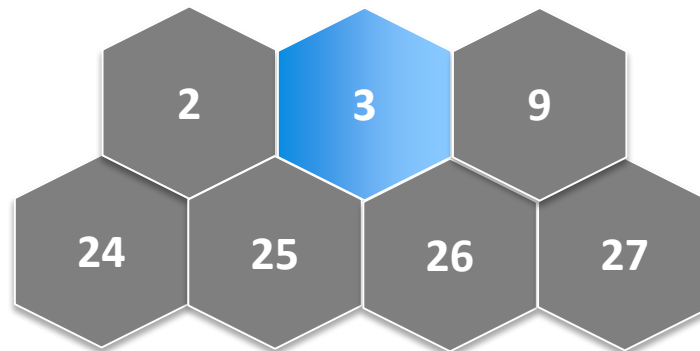
Briefing on SSR1
Recommendations

SSR1 Recommendations

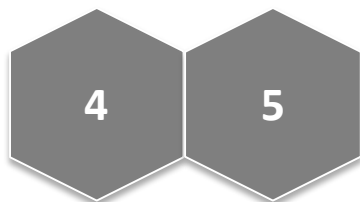
SSR Framework



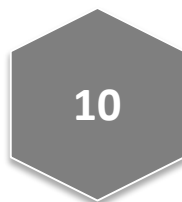
ICANN's SSR Role & Remit Within It's Limited Mission



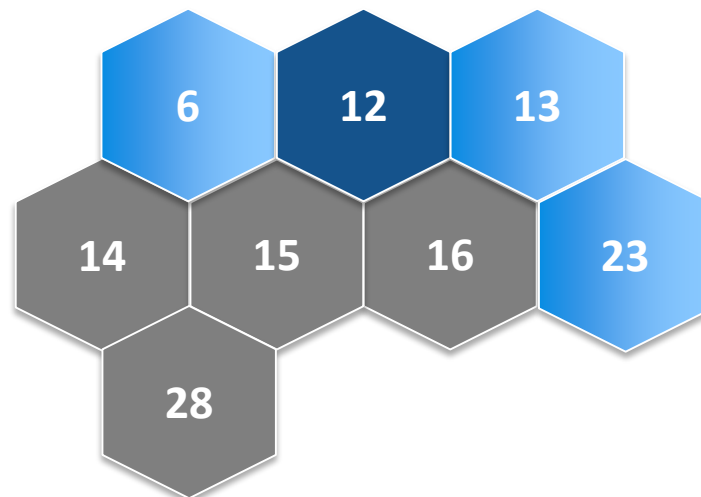
SSR Relationships to Support ICANN's Work



Compliance



SSR Community Outreach & Info Sharing – Security Threats & Mitigation



Legend for hexagon status:

- Briefing completed
- Briefing covered in this presentation
- Briefing not presented yet

ICANN should finalize and implement measures of success for new gTLDs and IDN fast track that expressly relate to its SSR-related program objectives, including measurements for the effectiveness of mechanisms to mitigate domain name abuse.

11

ICANN should work with the Community to identify SSR-related best practices and support the implementation of such practices through contracts, agreements, MOUs and other mechanisms.

12

SSR1 Recommendation 11 – Status and Deliverables

ICANN should finalize and implement measures of success for new gTLDs and IDN fast track that expressly relate to its SSR-related program objectives, including measurements for the effectiveness of mechanisms to mitigate domain name abuse.

The challenge:

- Community-based definition of “success” with corresponding metrics that could serve as the basis for measurement doesn’t exist.
- Neither the GNSO (for the new gTLD program) nor the ccNSO (for the IDN ccTLD Fast Track program) has identified SSR-related objectives that apply specifically to those programs.

Suggestion:

- The issue of appropriate SSR metrics specific to the new gTLD program and the IDN ccTLD Fast Track be revisited by the second Security, Stability & Resiliency of the DNS Review Team (SSR2-RT)

How did we address Recommendation 11?

- To arrive at potential measures of success, this report:
 - Inventories a broad array of activities within ICANN as potentially relevant to supporting Recommendation 11
 - Categorizes a wide range of existing and potential metrics associated with inventoried ICANN activities which may be SSR-related

Operations Supporting SSR Objectives in New gTLDs

- Operations that support SSR objectives in new gTLDs are part of ICANN's SOP. Some examples are:
 - Service Level Agreements and monitoring
 - Emergency back-end registry operators and data escrow
 - DNSSEC-related activities
 - Compliance department activities

SSR1 Recommendation 12 – Status and Deliverables

ICANN should work with the Community to identify SSR-related best practices and support the implementation of such practices through contracts, agreements, MOUs and other mechanisms.

- Identify and/or establish “best practices,” and integrate those [best practices](#) into agreements into which ICANN enters.
- Emphasize SSR responsibilities and best practices in [Regional Engagement Strategies](#)
- Work with Anti-Phishing Working Group (APWG) Internet Policy Committee to publish recommendations for web application protection and development of resources for security awareness
- Maintain resource locator [page](#) to support ICANN community member security awareness.

Identifier System Attack Mitigation Methodology

- Community driven activity
- Mitigation methodologies for prioritized set of attacks
 - e.g., DDoS and BGP hijacking
 - Production of tech notes
- Tracking the evolution of the threat landscape and developing new mitigation methodologies
- The Identifier System Attack Mitigation Methodology report can be found at:
<https://www.icann.org/en/system/files/files/identifier-system-attack-mitigation-methodology-13feb17-en.pdf>

Regional Engagement Strategies

- Engagement strategy defined based on region
- Programmed approach to global outreach
 - Building local/regional awareness and recruitment of new community members;
 - More effectively engaging with current members and/or "reactivating" previously engaged ICANN community members; and
 - Communicating ICANN's mission and objectives to new audiences.

Additional information

Additional Information

[Security Stability and Resiliency Review \(SSR1\)](#)

[SSR1 Implementation Quarterly Reports](#)

[SSR2-RT information](#)

[SSR Framework](#)

[ICANN Planning Process](#)

[ICANN Operating Plan 2016 – 2020](#)

[ICANN Strategic Plan](#)

[Measures of success for new gTLDs and IDN fast track that expressly address SSR-related program objectives](#)