

**Security, Stability, and Resiliency of the
Domain Name System
Review Team
“SSR2”**



**We need you!
Call for Volunteers**

Welcome!



Interested in learning what the Security, Stability, and Resiliency of the Domain Name System Review (SSR2) is all about?

The purpose of this presentation is to share why the SSR2 Review is so important, what skills are needed, what is involved, and how to apply!

Why is this important?

ICANN is committed to improving the operational stability, reliability, resiliency, security and global interoperability of the Internet's system of unique identifiers

We need You!

Community input is critical in helping ICANN grow to meet future needs, challenges, and opportunities within its defined Mission and Scope

What does the SSR2 Review focus on?



SECURITY

Assessing the security, operational stability, and resiliency matters, both physical and network, relating to the coordination of the Internet's system of unique identifiers



STABILITY

Ensuring conformance with appropriate security contingency planning framework for the Internet's system of unique identifiers



RESILIENCY

Maintaining clear and globally interoperable security processes for those portions of the Internet's system of unique identifiers that ICANN coordinates

Why community members join a Review Team?

Develop valuable skills, experience, and expertise

Participate in the dialogue to identify community issues and concerns, and recommend improvements

Build relationships with a global network of professionals



Contribute your expertise and knowledge to improve ICANN, as a representative of your community, region, or gender

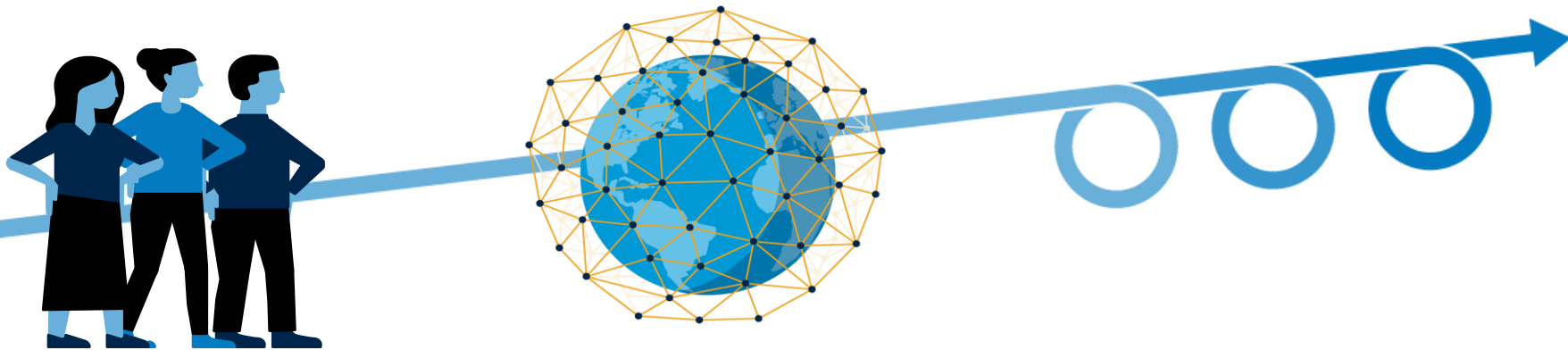
Join in a global multistakeholder community dialogue

Why apply to join the SSR2 Review Team?

Be a part of the team who will look at how well ICANN does on security

Contribute to improving security for the Internet's system of unique identifiers that ICANN coordinates

Develop implementable recommendations for ICANN's continuous improvement



What does an SSR Review Team look at?



1

How successfully has ICANN implemented previous community improvement recommendations?

2

How effective are ICANN's unique identifier security processes?

3

What improvements can ICANN make to its security efforts to meet future challenges and threats?

How much of your time will be needed?

Each Review Team member will need to set aside time to:



Attend team calls
(estimated: 4
hours per week)
+ additional
subgroup calls
(*as needed*)

Participate in face-to-
face Review Team
meetings
(*locations to be
determined*)



Prepare for team
discussions and
support findings by
reviewing and
analyzing material,
drafting text, and
consulting with
others

Travel support available to Team Members



SSR2 Review Team important dates

Event	Date
Call for Volunteers announced	30 June 2016
Application deadline – applications closed	15 August
All received applications posted publically	15 September
Application processing	23 September
Review Team member selection deliberations	21 October
Announcement of selected Review Team members	16 November
Anticipated first meeting	December 2016

What skills do you need for the Review Team?

General Skills:

- Commitment and time to participate
- Team spirit, consensus-seeking attitude
- Willingness to learn
- Readiness to contribute
- Objectivity, put aside personal opinions
- Analytical skills
- Capacity to draw fact-based conclusions
- Good communications skills using multiple methods and tools

Specific Expertise:

- **Understand Internet Unique Identifiers, including: DNS, IP numbering, AS numbers, protocol parameters**
- **Identify and mitigate abuse within those sectors**
- **Understand operation of the DNS root name system**
- **Understand malware and abuse vectors and mitigations**
- **Conduct risk assessment and management**
- **Have background in corporate data security and/or business systems**
- **Understand incident response**

What do Review Team members do?

1

Identify areas/
issues to look at;
assess
implementation
progress



2

Gather &
analyze data,
consult
subject
matter
experts &
deliberate



3

Develop Draft
Report &
recommendations
for Public
Comment



4

Issue Final Report
&
recommendations
for Board
consideration



5

Take part in
implementation
planning on Board-
adopted
recommendations



How to apply?

If you are interested in applying for the Review Team please provide the following:

- A resume detailing relevant skills and experience
- A letter of motivation detailing your interest in serving on the Review Team
- A Statement of Interest
- Supporting Organization (SO) or Advisory Committee (AC) affiliation

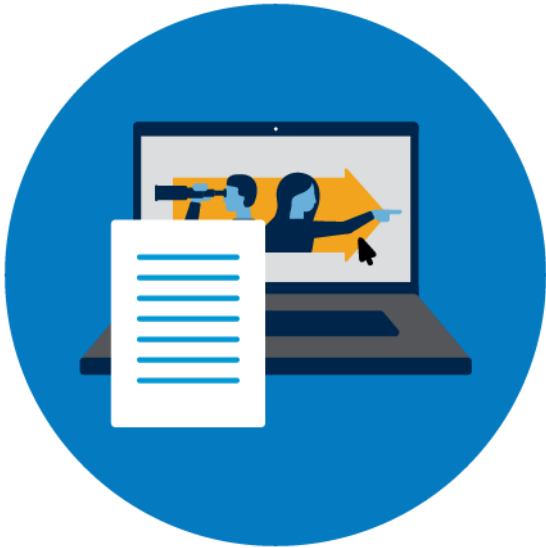
Completed Applications should be emailed to
reviews@icann.org.

Announcement of the Call for Volunteers will be published at
<https://www.icann.org/news/announcements>

Additional information on the application process can be found at
<https://www.icann.org/resources/reviews/aoc/ssr>

If you have additional questions, please contact us at SSR2-Questions@icann.org

Thank you!



Please consider applying for the Security, Stability, and Resiliency of the Domain Name System Review (SSR2).

We look forward to receiving your application!

The background of the slide is a solid orange color. Overlaid on this is a stylized world map. The map is formed by a complex network of white dots of varying sizes, connected by thin white lines. The dots are more densely packed in some areas, particularly in North America and Europe, and more sparse in others. The overall effect is a digital, interconnected representation of the globe.

Testimonials from past SSR Review Team Members

A word from past participants



“The review team experience was fantastic. It allowed me to come in and consult with people who had varied different experience and the possibility to contribute. Interaction is at a very high intellectual level and the process of sharing and building ideas is exciting.”

Dr. Alejandro Pisanty

Member of the SSR1 Review Team

A word from past participants



“Go for it and enjoy the ride. It’s an interesting and fun process that requires hard work and provides for rewards in the form of knowledge and the satisfaction of doing something important for the ICANN, Internet and user community.”

“I saw a more complete view of how ICANN operates including the staff. Being able to speak about how ICANN works with confidence has been most valuable.”

Martin Hannigan
Member of the SSR1 Review Team

A word from past participants



“The SSR Review provided a chance to get involved and be part of ensuring that the DNS remains well run and governed, in a way that really gets into the details of an issue that allows for a thorough investigation and process. It was an excellent opportunity to work inside an international team to recognize good progress and suggest ways of improving ICANN’s operational practices and processes.”

Simon McCalla

Member of the SSR1 Review Team

A word from past participants



“Participating in the SSR Review provides an opportunity for the community to see how the ICANN organization works on security and stability issues and for global experts to contribute their diverse expertise into improving resilience for the Internet's unique identifiers. The ideas discussed by this group will drive recommendations that will enhance security and stability within the mandate of ICANN as an organization. We need DNS security and resilience expertise from a broad range of people, from a variety of backgrounds. Please contribute or encourage people to do so for the upcoming review.”

Patrick Jones

ICANN staff support for SSR1