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25 June 2014

ICANN Security, Stability and Resiliency Outreach

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Meet the SSR Team

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We've Grown!

- John Crain - Chief Security, Stability and Resiliency Officer
- Dave Piscitello - Vice President, Security and ICT Coordination
- Carlos Alvarez - SSR Technical Engagement Sr. Manager
- Steve Conte - Training Coordination Sr. Manager
- Rick Lamb - Sr. Program Manager DNSSEC
- Tomofumi Okubo – Identifier Systems Analytics Manager
- Champika Wijayatunga - Regional SSR Engagement Manager, APAC

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What We Do

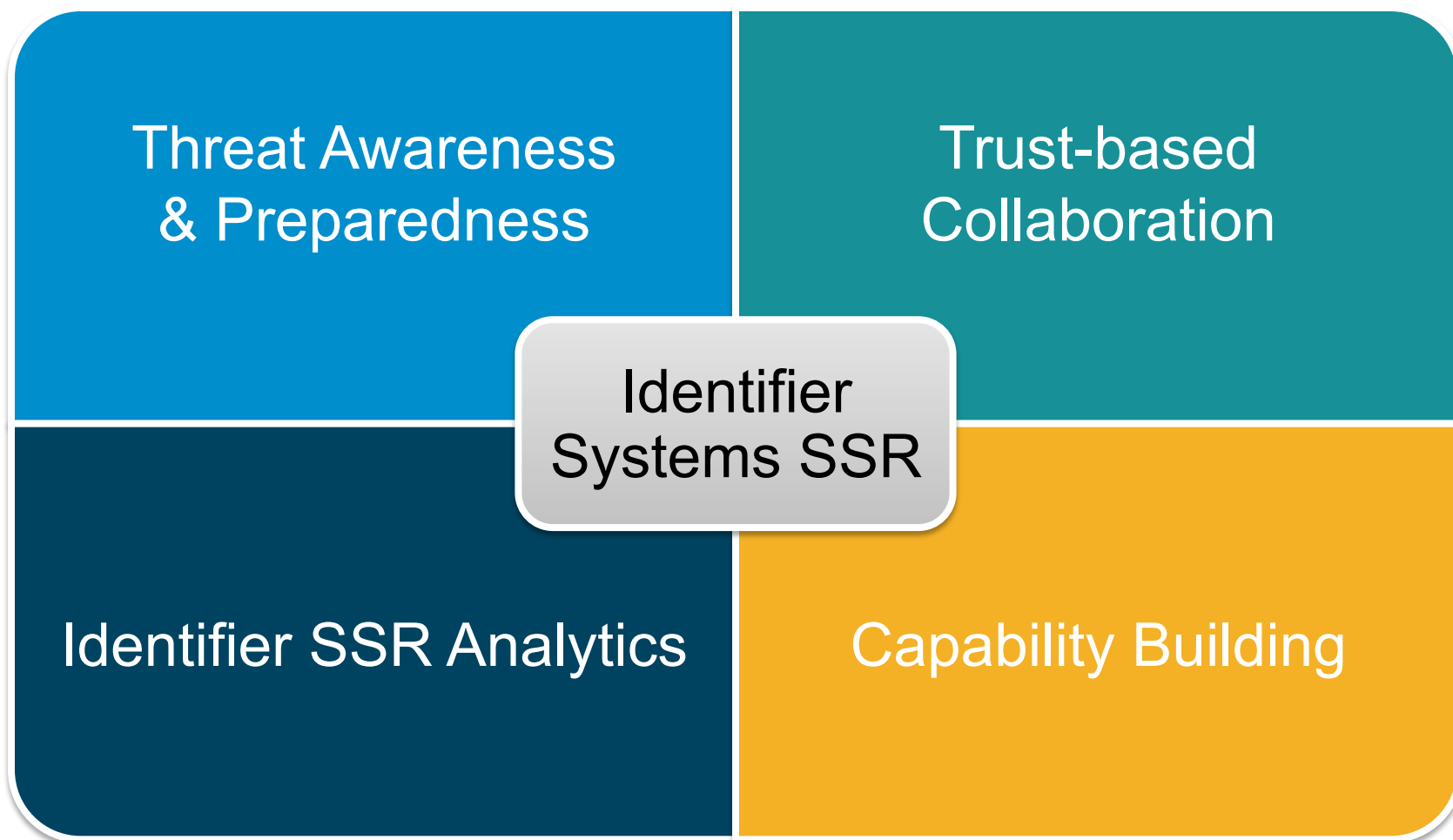
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Our Remit

- Responsible for observing, assessing and improving the SSR of the Internet's Identifier Systems in close collaboration with other ICANN departments and the community at large.
- Remit achieved through a range of activities including:
 - Risk awareness and preparedness
 - Measurement and analysis of identifier systems behaviors or performance
 - Cooperative outreach that emphasizes coordination, capability building and knowledge transfer

Functional Areas

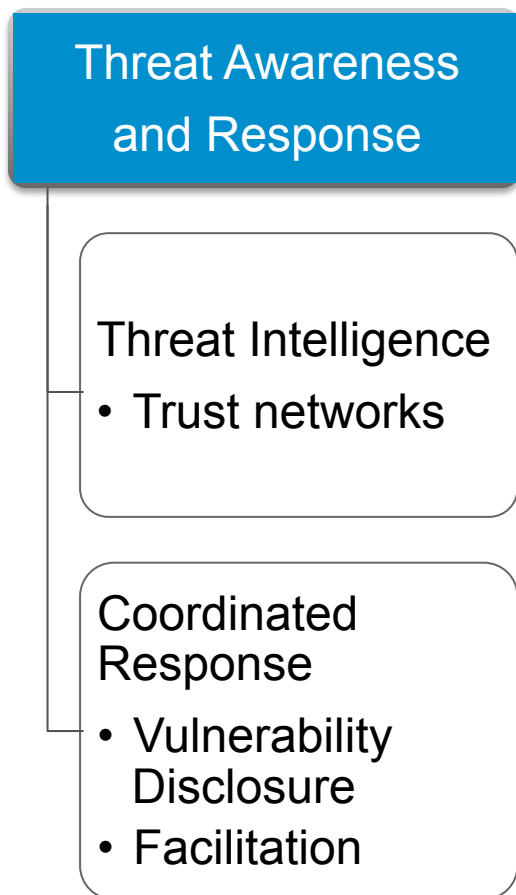


Identifier Systems Threat Awareness

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Identifier Systems Threat Awareness



- Active (24x7) engagement with global actors who monitor DNS health or identify imminent threats
- Exchange of threat intelligence relating to security events of global nature involving identifier systems
- Participation in response to threats or attacks against identifier systems

SSR Research & Analytics

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Identifier SSR Analytics

Identifier SSR Analytics

Metrics

- Root System analytics
- Incidents
- Abuse/Misuse

- Develop metrics and analytics for identifier systems, e.g.,
 - Root system measurements, analysis
 - Analysis of DNS or registration abuse or misuse
 - Creative uses of DNS data

Trust-based Collaboration

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Trust-based Collaboration

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Global SecOps

- AntiPhishing
- Antispam
- Anticrime
- Operations Research

Global CyberSec

- CCI
- OECD
- Many others

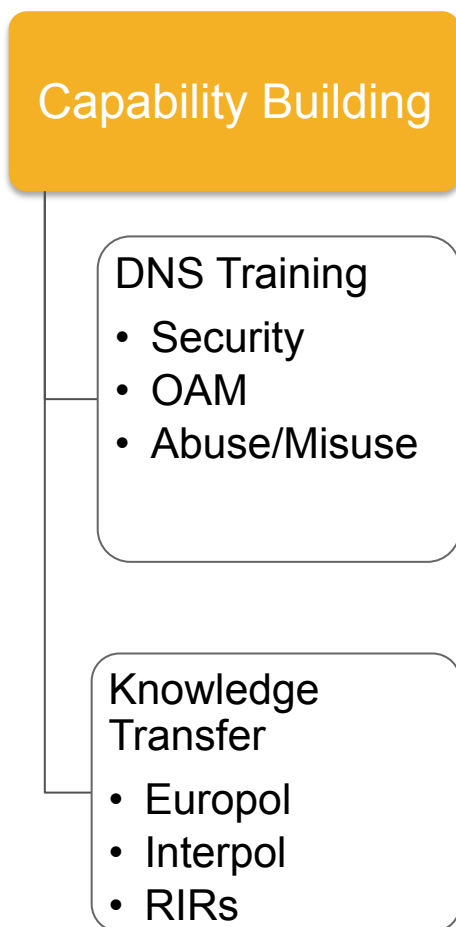
- Global Cybersecurity cooperation
 - Coordinate engagement and cybersecurity through ICANN Global Stakeholder Engagement
- Global Security & Operations
 - Daily interaction on DNS abuse/misuse matters with Public Safety Community
 - Cooperation with DNS research activities
- Identify policies that have unintended consequences that create opportunities for misuse of DNS or registration services

Capability Building

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Capability Building



- **DNS Training**
 - Security, operations, and DNSSEC deployment training for TLD registry operators
 - Boot camp for ICANN staff
 - Information gathering to identify DNS abuse/misuse
 - Delivered by contracted parties, ICANN staff (digital delivery under study)
- **Knowledge Transfer**
 - Exchange of information gathering or investigating techniques

Audience

- ccTLD Registry Operators
- Registrars
- Operational Security and Public Safety Community
- Technical Community
- Audiences as identified by other parts of ICANN such as Global Stakeholder Engagement

Want Training at Your Event?

- Speak to your ICANN Regional VP or SSR staff for a full list of available training – **the sooner the better!**
 - Even if you don't know exact dates, start the conversation and let's work on getting training at your event
 - Allows for better budgeting and planning for SSR resources

What Are We Missing?

What kinds of training is important to your community that ICANN isn't offering right now?

- SSR is working on a Gap Analysis to evaluate current courses and trying to determine what we're missing
- Find Steve Conte this week and/or send an email to steve.conte@icann.org

We want to know what you think!

Questions & Answers

- Contact us:
 - John.Crain@icann.org
 - Dave.Piscitello@icann.org
- For training requests please contact a member of ICANN's Global Stakeholder Engagement team

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