

Security Framework Drafting Team

Framework for Registry Operators to respond to Security threats

ICANN 54 | 21 Oct. 2015

Agenda

- ⦿ Background - 5 min.
- ⦿ Opening Remarks by co-chairs of the Framework Drafting Team - 15 min.
- ⦿ Approach to Drafting the Security Framework - 15 min.
- ⦿ Discussion of Selected Topics by Drafting Team - 35 min.

Background – Security Framework

- ⊙ **Beijing GAC Advice on New gTLD Safeguards (Apr. 2013)**
 - “Security checks” as one of the 6 Safeguards applicable to all new gTLDs
 - 2 components: identifications of threats + response to identified threats
- ⊙ **NGPC Resolution 2013.06.25.NG02 (Jun. 2013)**
 - Include security checks in **Specification 11 section 3b**
 - “sollicit community participation to **develop a framework for Registry Operators to respond to identified security risks** that pose an actual risk of harm, notification procedures, and appropriate consequences, including a process for suspending domain names until the matter is resolved, while respecting privacy and confidentiality”.
- ⊙ **Engagement with Registries (Aug-Dec. 2014)**
- ⊙ **Preliminary Consultation w/ Registries + GAC (Dec. 2014-Jun. 2015)**
- ⊙ **Registries volunteering to lead the drafting of the Framework (Jun. 2015)**

Background – Framework Drafting Team

◎ Objective of the Framework

- Reduce the impact of new gTLD-related security threats on Internet users through timely industry self-regulation
- Become a reference set of non binding standards for Registries, Registrars and interested parties

◎ Framework Drafting Team formed in July 2015

- 30 Registry representatives
- 5 Registrar representatives
- 10 Public Safety Working Group (PSWG) representatives

◎ Objective of the Framework Drafting Team

- Produce the substance of the framework grounded in:
 - Industry experience
 - accepted best practices
 - consultation with relevant communities
- Build the Framework collaboratively and in the spirit of mutual agreement

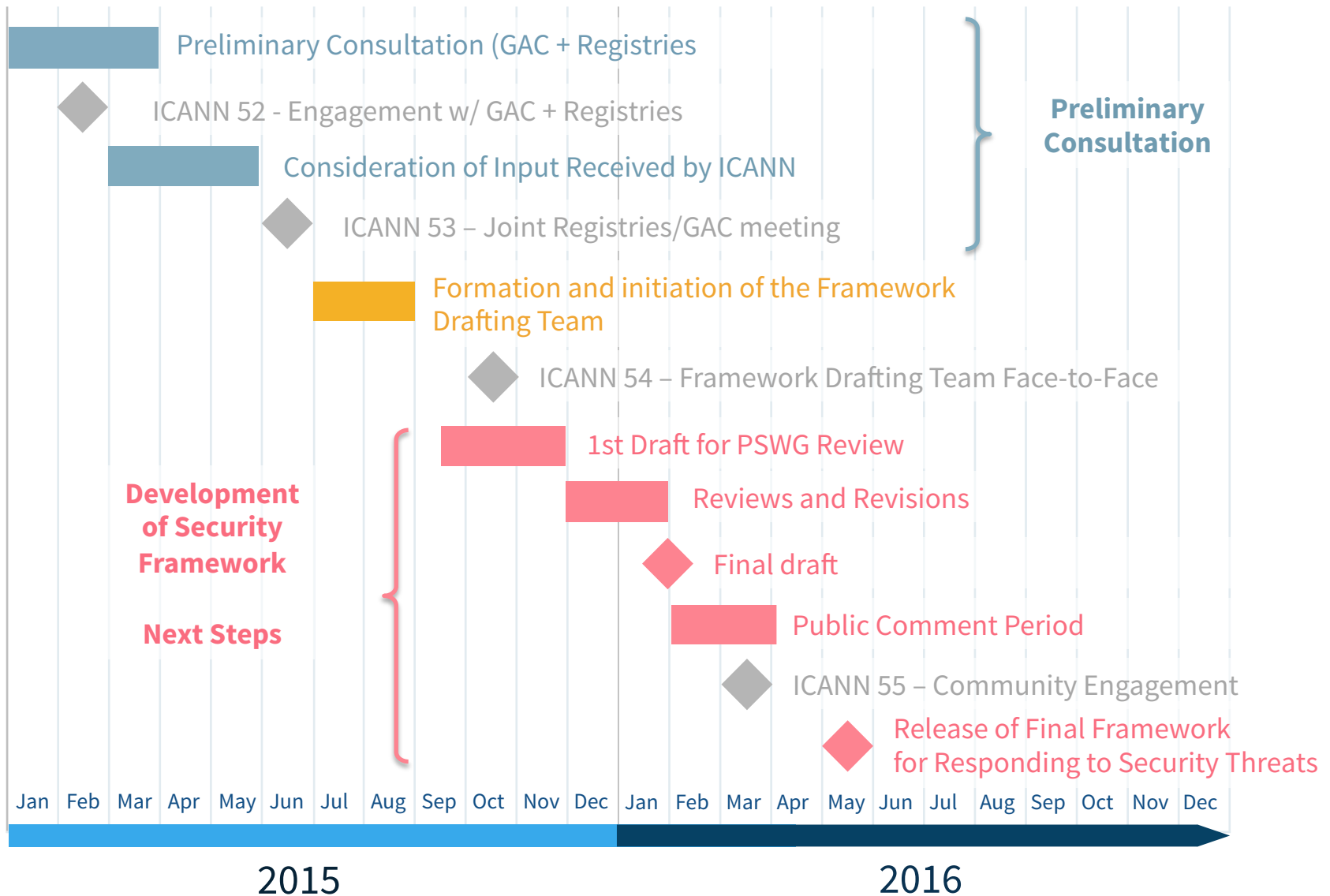
Opening Remarks by Drafting Team Leadership

- ◎ Jonathan Flaherty, PSWG co-chair
- ◎ Theo Geurts, Registrar co-chair
- ◎ Yasmin Omer, Registry co-chair

Framework Drafting: Collaboration Principles

- ⦿ Registries and Registrars to lead drafting effort
- ⦿ PSWG provide input on Framework based on expertise
- ⦿ Environment of ‘openness’ and collaboration
- ⦿ Flexibility in favor of specificity: Less is more
- ⦿ Guiding principles and common shared interests
- ⦿ Engagement In building trust

Framework Drafting: Target Timeline



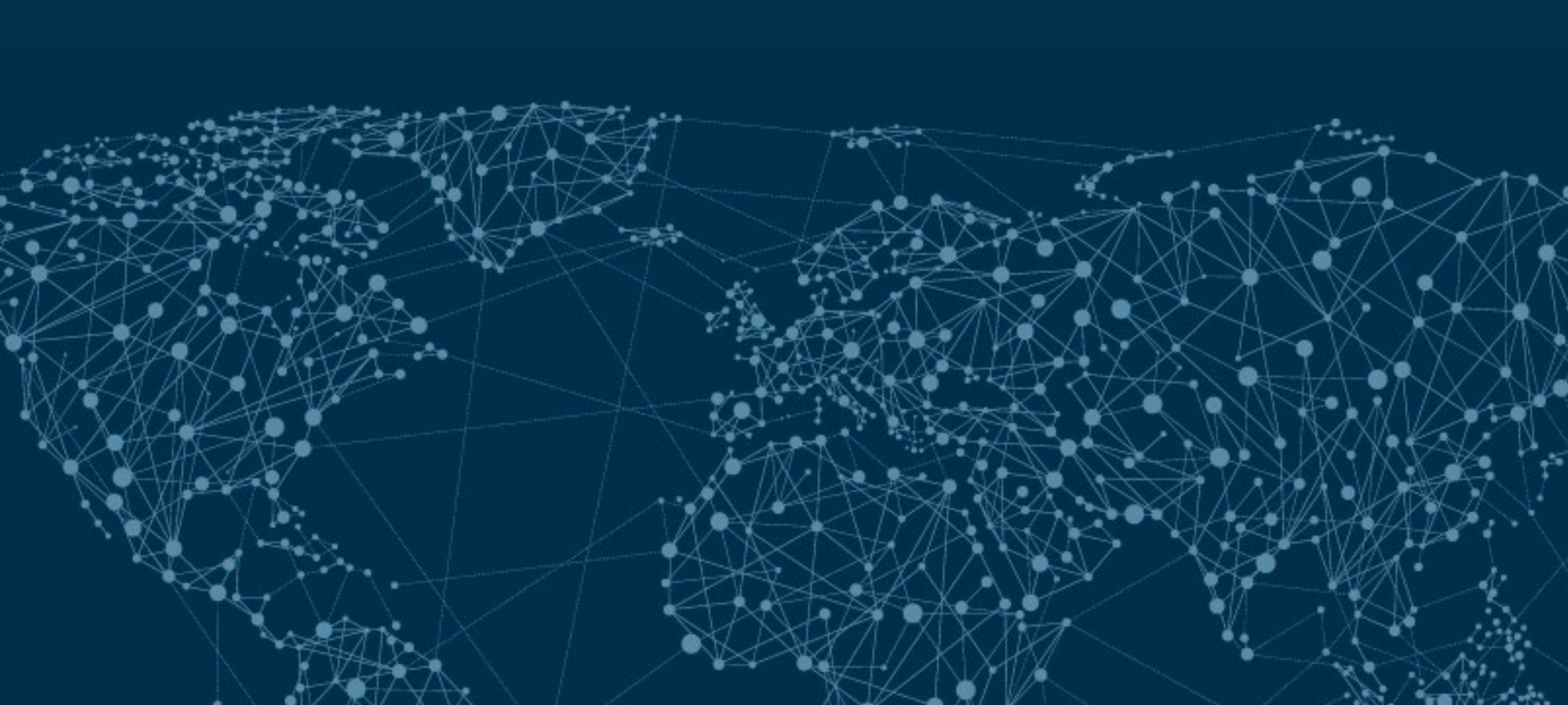
Discussion of Selected Topics

Registries

- ⦿ Typical Abusive Domain Name Processing by Registries
- ⦿ Registry Operator Roles in the DNS Ecosystem
- ⦿ Responses to Security Threats: from notification to appropriate consequences

PSWG

- ⦿ Existing Abuse Best Practices
- ⦿ Approach, application, notification & response
- ⦿ Timely security threat feeds
- ⦿ 2 way Registry/PSWG threat sharing
- ⦿ Quarantine of domains via 3rd party Registrar
- ⦿ Long term mitigation at scale



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