Pre-ICANN67 Policy Update Webinar
20 February 2020
Welcome to the Pre-ICANN67 Policy Update Webinar

David Olive
Senior Vice President, Policy Development Support
Multistakeholder Policy Development

**Generic Names Supporting Organization (GNSO)**

- GNSO Council is composed of 21 members — divided into 2 houses (contracted and non-contracted parties) — who work on generic top-level domain name (gTLD) policies (e.g., .com, new gTLDs).

**GNSO Policy Development Process**

1. **Identify the Issue**
   - GNSO Council, ICANN Board or an AC identifies issue.
   - GNSO Council considers if issue will result in consensus policy.

2. **Scope the Issue**
   - If yes, GNSO Council requests Preliminary Issue Report.
   - Staff publishes Preliminary Issue Report for Public Comment Period.
   - Following Public Comment review, Final Issue Report is submitted for GNSO Council consideration.

3. **Initiate the PDP**
   - GNSO Council considers Final Issue Report and decides whether to initiate PDP.
   - If yes, GNSO Council develops/adopts charter for PDP WG.

4. **Form a Working Group**
   - WG consults with Community and develops Initial Report for Public Comment Period.
   - After reviews, WG submits Final Report to GNSO Council.

5. **Deliberate the Final Report**
   - WG consults with Community and GAC.
   - ICANN Board consults Community and GAC.
   - ICANN Board votes on Final Report recommendations.

6. **Vote by ICANN Board**
   - ICANN Board votes on Final Report (two stages).
   - National laws remain paramount.

Learn more about the GNSO gnso.icann.org

**Country Code Names Supporting Organization (ccNSO)**

- The ccNSO (Council and members) works on global policies relating to country code top-level domain name (ccTLD) policies (e.g., .br, .uk).

**ccNSO Policy Development Process**

1. **Identify the Issue**
   - ccNSO Council, ICANN Board, Regional ccTLD organizations, SO/AC or at least 10 members of ccNSO may request Issue Report.
   - ccNSO Council appoints issue manager.

2. **Scope the Issue**
   - Issue manager determines if issue is within the scope of ccNSO.
   - ICANN Bylaws define and limit the scope of issues.

3. **Initiate the PDP**
   - If issue is in scope and ccNSO Council approves Issue Report, PDP begins.
   - ccNSO Council gives Public Notice and opens Public Comment Period.

4. **Develop Policy**
   - ccNSO Council appoints WG to develop the policy.
   - WG issues Initial Report.
   - WG opens Public Comment Period.
   - WG produces Final Report.
   - ccNSO Council requests GAC input.

5. **Vote by ccNSO (two stages)**
   - Stage 1. ccNSO Council deliberates Final Report and if adopted, makes recommendation to its members.
   - Stage 2. If members approve, ccNSO Council submits Final Report to ICANN Board.

6. **Vote by ICANN Board**
   - ICANN Board votes on Final Report recommendations, but national laws remain paramount.

Learn more about the ccNSO ccnso.icann.org

**Address Supporting Organization (ASO)**

- ASO Address Council (AC) is composed of 15 volunteers — 3 from each of the Regional Internet Registries (RIRs)* — who work on global Internet Protocol (IP) Address Policy.

**ASO Global Policy Development Process**

1. **Identify the Issue**
   - Any individual may submit global policy proposal to ASO AC or RIR.

2. **Determine Requirements**
   - ASO AC or PPF determines if global policy proposal requires specific IANA functions actions or outcomes.
   - ASO AC oversees global PDP.

3. **Review by RIRs and ASO AC**
   - Five RIRs review global policy proposal.
   - Five RIRs may request changes or take no action.

4. **Review by ICANN Board**
   - ASO AC submits ratified global policy proposal to ICANN Board.
   - ICANN Board may accept, reject, request changes or take no action.

*Regional Internet Registries (RIRs)

- AFRINIC: Africa
- APNIC: Asia and Pacific region
- ARIN: Canada, parts of the Caribbean and North Atlantic islands, and the U.S.
- LACNIC: Latin America and parts of the Caribbean
- RIPE NCC: Europe, the Middle East and parts of Central Asia

Learn more about the ASO aso.icann.org

GAC Governmental Advisory Committee | PDP Policy Development Process | SO/AC Supporting Organizations/Advisory Committees | WG Working Group
Multistakeholder Advice Development

**At-Large Advisory Committee (ALAC)**
- ALAC voices the interests of Internet end users and advises ICANN Board on policies within ICANN’s mission and scope.

**Governmental Advisory Committee (GAC)**
- GAC advises ICANN Board on public policy issues, particularly in areas where ICANN policies intersect with national laws and international agreements.

**Root Server System Advisory Committee (RSSAC)**
- RSSAC advises ICANN Board and community on matters relating to the operation, administration, security, and integrity of the Internet’s Root Server System.

**Security and Stability Advisory Committee (SSAC)**
- SSAC advises ICANN Board and community on issues relating to the security and integrity of the Internet’s naming and address allocation systems.

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**ALAC Advice Development Process**

1. **Identify the Issue**
   - Any community member can bring an emerging issue to ALAC.

2. **Scope the Issue**
   - ALAC discusses its relevance to end users and decides if it needs to respond.
   - ALAC determines if issue is in scope.

3. **Develop Advice**
   - ALAC appoints a large community member to lead a small team to write a draft statement and begin consultation.
   - Anyone may contribute to the draft statement.

4. **Ratify Advice**
   - ALAC reviews and calls for consensus or votes on final statements.
   - If ratified, ALAC sends advice to ICANN Board, ICANN org, SOGs, or other ICANN community members for consideration.

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**GAC Advice Development Process**

1. **Identify the Issue**
   - Any GAC member or observer may raise issues for discussion.
   - ICANN Board may also seek GAC advice.

2. **Collect Member Views**
   - GAC chair solicits input from GAC members, observers, or working groups.

3. **Achieve Consensus**
   - GAC chair summarizes comments with aim of reaching GAC consensus.

4. **Draft Advice**
   - GAC members, observers, or working groups contribute to draft advice.
   - GAC reviews advice.

5. **Publish Advice**
   - If consensus is reached, GAC chair issues a final statement to ICANN Board.

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**RSSAC Advice Development Process**

1. **Identify the Issue**
   - Any RSSAC or RSSAC Caucus member may propose a work item, including requests from ICANN Board, then submit statement of work for RSSAC consideration.

2. **Scope the Issue**
   - If approved, RSSAC creates a work party of either RSSAC or RSSAC Caucus members.

3. **Develop Advice**
   - Work party writes draft document.
   - RSSAC Caucus Chair sends for review.

4. **Ratify Advice**
   - Work party submits draft document to RSSAC.
   - RSSAC votes on draft document.

5. **Publish Advice**
   - RSSAC may publish approved document.

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**SSAC Advice Development Process**

1. **Identify the Issue**
   - SSAC members, ICANN Board, SSAC, or ICANN org may request SSAC to review issue.

2. **Study the Issue**
   - If SSAC agrees to review issue, work party begins draft document.

3. **Preliminary Review**
   - Work party may share draft document with those it might affect.

4. **Preview Recommendations**
   - SSAC reaches consensus on final document.
   - SSAC chair may share final document with relevant parties in ICANN community or ICANN.org.

5. **Publish Advice**
   - SSAC publishes approved document.
   - SSAC tracks and monitors effects of its recommendations.
Policy Development Support Team

- **34 FTE**
- Subject Matter Experts and Community Operations Management
- **9 Languages**
  - Afrikaans
  - Chinese
  - Dutch
  - English
  - French
  - German
  - Italian
  - Spanish
  - Turkish
- **6 Time Zones across 9 Countries**
Plenary Sessions at ICANN67

Monday, 9 March

The Domain Name Services Marketplace: *Market Dynamics, Business Models, and Commercial Drivers*

Thursday, 12 March

The Domain Name System and the Internet of Things: *Opportunities, Risks, and Challenges*
Supporting Organization and Advisory Committee Updates
Address Supporting Organization (ASO)

Carlos Reyes
ASO: Top Issues for ICANN67

How It Works Tutorial – Saturday, 7 March and Sunday, 8 March
• Role of the five Regional Internet Registries and current work
• IPv4 depletion, transfer market, and transition to IPv6

ASO Information Session – Wednesday, 11 March
• Role of the ASO Address Council and current work
• Status of allocated Internet number resources by IANA
• Operational updates from the Number Resource Organization
How to Prepare for ASO Sessions at ICANN67

• **ASO Memorandum of Understanding (November 2019)**
  o Affirms and strengthens the relationship between the names and numbers communities
  o Outlines the role of the ASO

• **Final Report: Review of the ASO (August 2017)**
  o 18 recommendations from ITEMS International

• **Regional Internet Registry Community Policy Mailing Lists**
  o [AFRINIC Resource Policy Discussion](#)
  o [APNIC Policy Special Interest Group](#)
  o [ARIN Public Policy](#)
  o [LACNIC Politicas](#)
  o [RIPE Address Policy Working Group](#)
Discussion
Country Code Names
Supporting Organization (ccNSO)

Bart Boswinkel
ccNSO: Top Issues for ICANN67

3<sup>rd</sup> country code Policy Development Process
- Develop policy recommendations, including a review mechanism pertaining to decision on the delegation, transfer, revocation, and retirement of country code top-level domains

4<sup>th</sup> country code Policy Development Process
- Develop policy recommendations on Internationalized Domain Name country code top-level domain strings

ICANN Bylaw change
- Include Internationalized Domain Name country code top-level domains as members in the ccNSO

Prioritizing areas of improvement in the ccNSO
- Recommend an implementation plan
How to Prepare for ccNSO Sessions at ICANN67

ccNSO Schedule & Remote Participation Hub
https://go.icann.org/2TNt55d
The one-stop page for all your remote participation queries

Agenda Tech Day
Monday, 9 March 2020
https://go.icann.org/2tM3Vt4

Agenda ccNSO Members Meeting
Tuesday, 10 and Wednesday, 11 March 2020
https://go.icann.org/2Rj83K7

ICANN67 ccNSO Members Meeting: Session Brief
https://go.icann.org/2Rj83K7
Background on the various sessions during the ccNSO Members Meeting.
Discussion
Generic Names
Supporting Organization (GNSO)

Steve Chan
### GNSO: Top Issues for ICANN67

<table>
<thead>
<tr>
<th>New gTLD Subsequent Procedures</th>
<th>Rights Protection Mechanisms in All gTLDs</th>
<th>EPDP on the Temporary Specification – Phase 2</th>
<th>Other GNSO and Council Work</th>
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<tr>
<td>Consider necessary changes to the existing policy recommendations and implementation (i.e., Applicant Guidebook) for new gTLDs; develop draft final recommendations for a subsequent public comment period.</td>
<td>Finalize all preliminary recommendations identified for inclusion in Initial Report focused on Unified Rapid Suspension, Sunrise &amp; Trademark Claims, Trademark Clearing House, etc.</td>
<td>Taking into account public comment from the WG’s Initial Report, continue to refine draft policy recommendations for the System for Standardized Access / Disclosure to non-public data.</td>
<td>GNSO Working Sessions</td>
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<td>Bilateral Sessions</td>
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<td>Public GNSO Council Meeting</td>
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<td>Wrap-Up Session</td>
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<td>CCWG on Auction Proceeds</td>
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How to Prepare for GNSO Sessions at ICANN67

- GNSO Work Session Agenda - https://community.icann.org/x/WwdxBw
- GNSO Council Meeting - https://community.icann.org/x/YwdxBw
- PDP/CCWG Meeting Agendas
  - SubPro - https://community.icann.org/x/TwCJBw
  - EPDP Phase 2 - https://community.icann.org/x/hwCJBw
  - RPMs - https://community.icann.org/x/SwCJBw
  - CCWG on Auction Proceeds - https://community.icann.org/x/SQCJBw
Discussion
At-Large Advisory Committee (ALAC) and At-Large Community

Heidi Ullrich
### ALAC and At-Large Community: Top Issues for ICANN67

#### Key Sessions
- 34 number of sessions including:
  - Policy sessions
  - Sessions with the ICANN Board, ccNSO, GAC + NPOC, NCSG, and the SSAC
  - Sessions related to post-ATLAS III activities
  - LACRALO Board Meetings

#### Policy Issues
- DNS Abuse
- Cybersecurity
- EPDP Phase II
- Subsequent Procedures and preparing for the next round

#### Post-ATLAS III
- Policy
- Capacity Building
- Outreach and Engagement
- Communications
- Completion on At-Large Review Activities

#### Regional Activities
- Regional Leadership Meeting
- AFRALO/AfrICANN
- LACRALO Board Meeting
- LACRALO Networking Session
How to Prepare for ALAC and At-Large Sessions at ICANN67

Reference Documents

• At-Large ICANN67 Workspace – https://community.icann.org/x/I5MzBw
• At-Large Policy Summary – https://atlarge.icann.org/policy-summary
• ALAC Policy Comments & Advice – https://community.icann.org/x/i5lWBg
• ALAC Advice on DNS Abuse – https://atlarge.icann.org/advice_statements/13747
• Post-ATLAS III Workspace – https://community.icann.org/x/GpUzBw
Discussion
Governmental Advisory Committee (GAC)

Robert Hoggarth
## GAC: ICANN67 Highlights Snapshot

### Policy Advice
- Subsequent Rounds of new gTLDs
- WHOIS and Data Protection Policy (GNSO EPDP)
- DNS Abuse Mitigation
- IGO Names Protections
- Proceeds from new gTLD Auctions
- Empowered Community Processes and Administration

### ICANN Ops
- ATRT3 Review – implications for the GAC
- GNSO PDP 3.0
- NomCom Slot
- Evolution of MSM
- FY21-25 Operations and Budget Planning

### GAC Ops
- Public Meeting Planning
- Operating Principles
- Workstream 2 - Accountability Implementation
- ECA Guideline Improvements
- Advice Tracking and Assessment
- Travel Guidelines

### Engagement
- Capacity Building Workshop (Saturday)
- Joint Community Initiatives - ALAC
- HLGM Planning
- Universal Acceptance and IDN Readiness

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**ICANN**
Preview of GAC ICANN67 Plans and Priorities

• Subsequent Rounds of new gTLDs
• WHOIS and Data Protection Policy
• DNS Abuse Mitigation
• IGO Names Protections
• ATRT3 Review – implications for the GAC
• Universal Acceptance and IDN Readiness
• Empowered Community Processes and Administration
• Implementation of Workstream 2 Recommendations
Discussion
Root Server System Advisory Committee (RSSAC)

Ozan Sahin
RSSAC045: RSSAC Statement on Threat Mitigation for the Root Server System

- Endorsement of work carried out by the root server operators on security risks and possible mitigations to the root server system

RSSAC Statement on IANA’s Proposal for Future Root Zone KSK Rollovers

- Response to an ICANN public comment proceeding on IANA’s Proposal for Future Root Zone DNSSEC Key Signing Key (KSK) Rollovers
- The RSSAC identifies two concerns it would like more discussion on:
  - More measurement during the KSK rollovers
  - More discussion on Algorithm and key length changes
- The RSSAC finds no technical reason to delay proceeding with future KSK rollovers
Advisory on Metrics for DNS Root Servers and the Root Server System

- Presents a set of measurements, metrics and thresholds for the DNS root servers and the root server system (RSS)
- Defines system-wide, externally verifiable metrics and thresholds which demonstrate that the RSS as a whole is online and serving correct and timely responses.
- Builds on RSSAC037 and meant to inform the work of the RSS evolution and the RSS Governance Working Group

RSSAC Activities at ICANN67

- How it Works: Root Server System Tutorial
  - Saturday, 7 March, 15:15 – 16:45
  - Sunday, 8 March, 15:15 – 16:45
- Most RSSAC work sessions are open, please join us
Discussion
Security and Stability Advisory Committee (SSAC)

Andrew McConachie
SSAC: Top Issues for ICANN67

SAC107: SSAC Comment to NIST on Quantum Cryptography Algorithms
• Provides comments to the US National Institute of Standards (NIST) on their standardization of post-quantum cryptography algorithms
• Comments concern the implications of new cryptographic algorithms on DNSSEC

SSAC Comments on the IANA Proposal for Future Root Zone DNSSEC Key Signing Key (KSK) Rollovers
• Further delay in planning for subsequent KSK rollovers is not merited
• The SSAC asks for further detail in the proposal in multiple areas and highlights other areas for improvement
The Implications of DNS over HTTPS and DNS over TLS
- Analyzes the initial effects of DNS over HTTPS (DoH) and DNS over TLS (DoT)
- Identifies four groups and presents their perspectives on DNS Encrypted Transport in Applications
- Also discusses implications of application-based DNS resolution
- Does not contain any recommendations to the ICANN Board

SSAC Activities at ICANN67
- DNSSEC Workshop
  - Wednesday, 11 March, 09:00 – 12:00
- SSAC Public Meeting
  - Wednesday, 11 March, 15:15 – 16:45
- DNS and the Internet of Things Plenary Session
  - Thursday, 12 March, 09:00 – 10:15
Discussion
Please remember to MUTE your microphone when not speaking.
Resources

Pre-ICANN67 Policy Report
http://go.icann.org/pre67

GNSO Policy Briefing | ICANN67 Edition
http://go.icann.org/gnsobriefing
Recordings and slides from this webinar will be posted on the ICANN website:

https://www.icann.org/resources/pages/presentations-2012-08-27-en