Pre-ICANN67
Policy Update Webinar
20 February 2020

Welcome to the Pre-ICANN67 Policy Update Webinar

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Senior Vice President,
Policy Development
Support

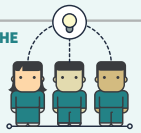
Multistakeholder Policy Development

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.

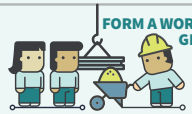
2 SCOPE THE ISSUE

- 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.
- GNSO Council calls for volunteers to form 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

- GNSO Council reviews Final Report and considers adoption.
- If adopted, GNSO Council submits Final Report to ICANN Board.

6 VOTE BY ICANN BOARD

- ICANN Board consults Community and GAC.
- ICANN Board votes on Final Report recommendations.

Learn more about the GNSO
gnso.icann.org

ICANN | GNSO
Generic Names Supporting Organization

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 REQUEST AN ISSUE REPORT

- 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.

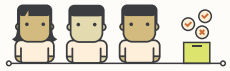
3 INITIATE THE PDP

- 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

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Country Code Names Supporting Organization

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.
- RIR PDP generates global policy proposal.
- ICANN Board may also request global policy proposal.

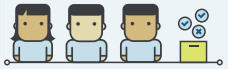
2 DETERMINE REQUIREMENTS

- ASO AC appoints Policy Proposal Facilitator Team (PPFT).
- ASO AC or PPFT determine 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 must approve identical global policy proposal.
- Five RIRs submit approved global policy proposal to ASO AC for review.

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

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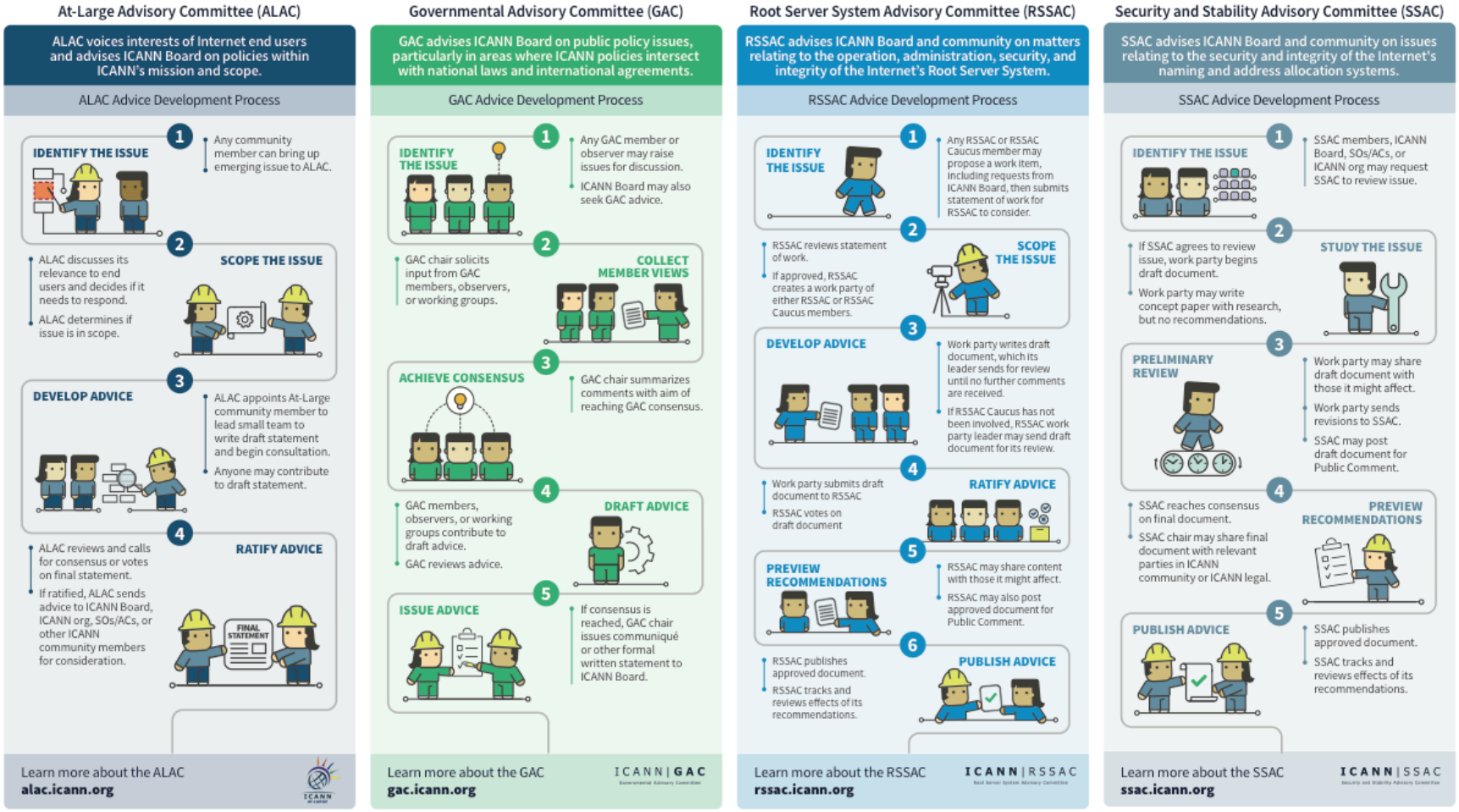
Address Supporting Organization

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

Multistakeholder Advice Development



SO/AC Supporting Organizations/Advisory Committees

Policy Development Support Team

34 FTE

Subject Matter Experts and Community Operations Management

6 Time Zones across 9 Countries

9 Languages

- Afrikaans
- Chinese
- Dutch
- English
- French
- German
- Italian
- Spanish
- Turkish

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)**
  - Affirms and strengthens the relationship between the names and numbers communities
  - Outlines the role of the ASO

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

- **Regional Internet Registry Community Policy Mailing Lists**
  - AFRINIC Resource Policy Discussion
  - APNIC Policy Special Interest Group
  - ARIN Public Policy
  - LACNIC Politicas
  - RIPE Address Policy Working Group

Discussion

Country Code Names Supporting Organization (ccNSO)

Bart Boswinkel

ccNSO: Top Issues for ICANN67

3rd 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

4th 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

New gTLD Subsequent Procedures

- 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.

Rights Protection Mechanisms in All gTLDs

- Finalize all preliminary recommendations identified for inclusion in Initial Report focused on Unified Rapid Suspension, Sunrise & Trademark Claims, Trademark Clearing House, etc.

EPDP on the Temporary Specification – Phase 2

- 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.

Other GNSO and Council Work

- GNSO Working Sessions
- Bilateral Sessions
- Public GNSO Council Meeting
- Wrap-Up Session
- PDP 3.0
- CCWG on Auction Proceeds

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/i5IWBg
- 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

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

ICANN Ops

- [x] 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
- [x] Workstream 2 - Accountability Implementation
- [x] ECA Guideline Improvements
- [ ] Advice Tracking and Assessment
- [ ] Travel Guidelines

Engagement

- [ ] Capacity Building Workshop (Saturday)
- [ ] Joint Community Initiatives - ALAC
- [ ] HLGM Planning
- [x] Universal Acceptance and IDN Readiness

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

RSSAC: Top Issues for ICANN67

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

RSSAC: Top Issues for ICANN67 (continued)

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

SSAC: Top Issues for ICANN67 (continued)

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

Question and Answer Session

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

Thank You!

Contact us at **policy-staff@icann.org**

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@ICANN_GNSO @ICANNAtLarge

Recordings and slides from this webinar will be posted on the ICANN website:

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