
GAC Meeting with the Security and Stability Advisory Committee (SSAC)

Session # 10

Session Agenda

Members of the SSAC will share information with GAC representatives on the latest developments in areas where they have common or overlapping interests with GAC member governments. Attendees will explore opportunities for future information sharing and collaboration with the GAC on key topics.

The topics identified for bilateral discussion between the GAC and SSAC during this session include:

- Artificial Intelligence (AI) and DNS Threats
- AI and Trust
- Quantum Technologies
- Blockchain and DNS

These technology topics were proposed by SSAC in consideration of GAC Strategic Objective #7 “Impact of New Technology on Unique Identifiers Systems” in the [GAC Strategic Plan 2024-2028](#) and the Expected Outcome for which include consideration of these technologies (see relevant section in the [GAC Annual Plan 2024/2025](#)).

Background on SSAC

The SSAC advises the ICANN community and the ICANN Board on matters relating to the security and integrity of the naming and address allocation systems of the Internet. These include operational matters such as those pertaining to the correct and reliable operation of the Root Server System; administrative matters such as those pertaining to address allocation and Internet number assignment; and registration matters such as those pertaining to registry and registrar services like WHOIS. The SSAC also engages in ongoing threat assessment and risk analysis of the Internet naming and address allocation services to assess where the principal threats to stability and security lie, and advises the ICANN community accordingly.

[SSAC members](#) are technical security professionals who volunteer their time and expertise to improve the security and integrity of the Internet’s addressing system. The SSAC produces [reports, correspondence, and comments](#) on a range of topics for the ICANN Board, the ICANN community, and the broader Internet community. The SSAC documents how the SSAC carries out its own work and the accumulated rationale in the [SSAC Operational Procedures](#).

Recent SSAC/GAC Developments

The GAC and SSAC have ongoing contacts and discussions, most recently during a [Pre-ICANN81 GAC Webinar on DNS Abuse mitigation](#) (4 October 2024) which provided status on the implementation of SSAC's proposed Interoperable Approach to DNS Abuse as laid out in [SAC115](#) (19 March 2021). For more information on this matter, please refer to the [ICANN81 GAC Briefing on DNS Abuse and associated GAC plenary session during ICANN81](#).

The GAC PSWG and SSAC also hold regular bilateral meetings before or during ICANN meetings, as was the case for ICANN81 (on Thursday 24 October 2024) and generally discuss issues pertaining to both groups mandates (see [PSWG Work Plan 2023/2024](#)) including WHOIS Registration Data issues and DNS Abuse mitigation.

The SSAC recently [reported](#) (9 October 2024) addressing the topics planned for discussion with the GAC during its annual workshop and shared the recording of its sessions.

Key Reference Documents

- General information about SSAC: <https://www.icann.org/en/ssac>
- SSAC Membership: <https://www.icann.org/en/ssac/members>
- SSAC Publications: <https://www.icann.org/en/ssac/publications>
- [Security and Stability Advisory Committee: A Year of Progress and Openness](#) (9 October 2024)

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