IETF 118  SAVNET  WG

8 November 2023

Aijun Wang, China Telecom

Joel M. Halpern, Ericsson
Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF’s patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- **BCP 9** (Internet Standards Process)
- **BCP 25** (Working Group processes)
- **BCP 25** (Anti-Harassment Procedures)
- **BCP 54** (Code of Conduct)
- **BCP 78** (Copyright)
- **BCP 79** (Patents, Participation)
- [https://www.ietf.org/privacy-policy/](https://www.ietf.org/privacy-policy/) (Privacy Policy)
WG Status

• Intra Domain Problem Statement document is adopted in May.
• Inter Domain Problem Statement document is adopted in July.

• We have achieve the first Milestone:
  “Adopt the Problem Statement, Use Cases, and Requirement document”

• We will initiate the discussions via the WG mail list after this meeting to confirm the WG has reach consensus to forward to the next milestone
  ------Adopt the Intra-Domain Architecture document

Or else, we should update the above two WG documents.

• New solutions to build the SAV table are emerged.
• Encourage more general architecture and the solutions.
Goals of This Meeting

1. Introduction and discussions of updated architecture documents (intra and inter domain)
2. Current SAV measurement and Emulation of SAV mechanisms
3. Solutions for intra and inter domain SAV mechanism.
4. Other related topics (SAV based anti-DDoS/Yang Model for SAVNET)
IETF 118 SAVNET Agenda

Chairs: Aijun Wang (wangaijun@tsinghua.org.cn)
       Joel M. Halpern (jmh@joelhalpern.com)

WG Page: https://datatracker.ietf.org/group/savnet/about/
Materials: https://datatracker.ietf.org/meeting/118/session/savnet

9:30-11:30  Wednesday, November 8, 2023

0. Agenda Bashing and WG Update
   Chairs (5 mins)

Architecture(Total 75 minutes)
1. Intra-domain Source Address Validation (SAVNET) Architecture
   (draft-li-savnet-intra-domain-architecture)
   Lancheng Qin (20 mins)

2. Inter-domain Source Address Validation (SAVNET) Architecture
   (draft-wu-savnet-inter-domain-architecture)
   Libin Liu (20 mins)

3. Source Address Validation Table Abstraction and Application (draft-huang-savnet-sav-table)
   Mingqing Huang (10 mins)

4. A Large-scale Measurement of IP Source Spoofing on the Internet
   Shuai Wang (15 mins)

5. Emulations of Nine SAV Mechanisms with SAV Open Playground
   Libin Liu (10 mins)

=============================================
Agenda 2/2)

Solution (Total 40 minutes)
6. IGP Extensions for Intra-Domain SAV (draft-chen-savnet-lsr-intra-00)
Huaimo Chen (8 mins)

7. IGP POI for Intra-domain SAV (draft-song-savnet-intra-domain-igp-poi-00)
Xueyan Song (8 mins)

8. BGP Operations for Inter-domain SA (draft-song-savnet-inter-domain-bgp-ops-00)
Xueyan Song (8 mins)

9. BGP Extensions for Source Address Validation Networks (BGP SAVNET)
   (draft-geng-idr-bgp-savnet)
   Nan Geng (8 mins)

10. Inter-domain Source Address Validation based on AS Relationships
    (draft-rly-savnet-inter-domain-as-relationships)
    Gang Ren (8 mins)

+++++++++++++++++++++++++++++++
Total: 120 minutes

If time permitted:
11. SAV-based Anti-DDoS Architecture (draft-cui-savnet-anti-ddos)
    Linzhe Li (5 mins)
12. A Yang model for SAVNET (draft-li-savnet-sav-yang)
    Fang Gao (5 mins)