

IETF 118 SAVNET WG

8 November 2023

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Making the Internet work better



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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/>(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)

Agenda □ 1/2)

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

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0. Agenda Bashing and WG Update

Chairs (5 mins)

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Architecture(Total 75minutes)

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)

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Agenda □ 2/2)

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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)

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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)

