

IETF 115 SAVNET WG

11 November 2022

Aijun Wang, China Telecom

Joel M.Halpern, Ericsson

Note Well

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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

- There are already 9 documents(Note 1) being uploaded to the SAVNET repository, which covers the “Problem Statement, Use Cases and Requirement”, “SAVNET Architecture” ,“Solution and Analysis” aspects.
- The drafts for “Problem Statement, Use Cases and Requirement” have been presented on the last IETF 114 meeting. The authors of these drafts have clarified and responses all the concerns that raised with their presentations.
- The drafts about “SAVNET Architecture” are newly proposed, also the initial analysis draft.
- There are some detail solutions that aim to solve the similar problem, but may not align with the proposed “SAVNET Architecture” documents, which need the WG to syn up them later.

We are in the phase of our first milestone now:

Nov. 2022 Adopt the Problem Statement, Use Cases, and Requirements document

- Note 1 □ The BAR-SAV proposal(<https://datatracker.ietf.org/doc/html/draft-sriram-sidrops-bar-sav>) should be also included in the SAVNET repository for conveniences of the reviewers and the discussions.

Goals of This Meeting

1. Discussion of the state the problem statement, requirements, and gap drafts
 - These are the primary focus of the working group
2. Discussion of approaches to solutions
 - As knowing where we might go helps folks evaluate the above analysis
- 3 The chairs do note that our stated goal is at least to adopt drafts for the problem statement, requirements, and gap analysis this month
 - So the question we will take to the list is :
“whether these drafts are a good enough start to be adopted by the WG?”

Agenda [1/2)

09:30-11:30 Friday, 11 November 2022 Session I
Room: Richmond 4

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0. Agenda Bashing and WG Update
Chairs (10 mins)

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A. Problem Statement, Use Cases and Requirement

1. Source Address Validation in Intra-domain Networks (Intra-domain SAVNET) Gap
Analysis, Problem Statement and Requirements

<https://www.ietf.org/archive/id/draft-li-savnet-intra-domain-problem-statement-02.txt>

Dan Li (15 minutes)

2. Source Address Validation in Inter-domain Networks (Inter-domain SAVNET) Gap
Analysis, Problem Statement, and Requirements

<https://www.ietf.org/archive/id/draft-wu-savnet-inter-domain-problem-statement-02.txt>

Lancheng Qin (15 minutes)

3. SAVNET's Incentive Consideration for Defense Against Reflection Attacks

<https://www.ietf.org/archive/id/draft-qin-savnet-incentive-01.txt>

Lancheng Qin (15 minutes)

4. Open Discussion for the "Problem Statement, Use Cases, and Requirement"(10 minutes)



Agenda [2/2)

B. Architecture

5. Source Address Validation Table Abstraction and Application
<https://datatracker.ietf.org/doc/html/draft-huang-savnet-sav-table>

Nan Geng (10 minutes)

6. Intra-domain Source Address Validation (SAVNET) Architecture
<https://www.ietf.org/archive/id/draft-li-savnet-intra-domain-architecture-00.txt>

Fang Gao (15 minutes)

7. Inter-domain Source Address Validation (SAVNET) Architecture
<https://datatracker.ietf.org/doc/draft-wu-savnet-inter-domain-architecture/>

Nan Geng (10 minutes)

C. Solution and Analysis

8. Lowering Improper Block and Improper Admit for SAV – the BAR-SAV Approach
<https://datatracker.ietf.org/doc/html/draft-sriram-sidrops-bar-sav-01>

Igor Lubashev (10 minutes)

9. Analysis of Source Address Validation Data Plane Performance
<https://datatracker.ietf.org/doc/draft-li-savnet-dataplane-performance/>

Mengxiao Chen (5 minutes)

10. Summary/Conclusion
SAVNET Chairs (5 minutes)

Total: 120 mins