LOOPS@IETF105

BOF Chairs: Spencer Dawkins and Ole Troan

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.

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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)

I E T F

Agenda - Monday morning session I

- 10   Introduction, Scribe Kidnapping, and Agenda Bashing - Chairs
- 12   "What is LOOPS?"- Carsten Bormann
- 10   What is the Problem? (draft-li-tsvwg-loops-problem-opportunities-03) - Yizhou Li
- 10   Satellite and Enterprise office interconnection use cases - John Border and Jianglong Wang
- 18   Sketches of solutions (draft-welzl-loops-gen-info-00) - Michael Welzl
- 10   Clarifying questions - All
- 10   LOOPS Maps and Gaps Analysis - Carsten
- 30   LOOP back to "questions to guide us" - Chairs
- 10   Hums for the AD - Chairs

Please remember that this BOF is NOT working group forming!

Scope for this non-WG-forming BOF

- We are not replacing the Internet, QUIC, or TCP
- We are talking about optimizations - things work, but don't always work well
- We are talking about optimizations between network elements - not with hosts
- Your network might not need LOOPS, but someone else's network might
- **The First Law of Optimization: "First, do no harm!"**
- We are talking about a transport-independent optimization
- We are not changing the end-to-end transport payload
- **Our goal for this BOF is that we agree on what happens next**

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This is not a working group forming BOF, because ...

Photo taken yesterday at Hackathon Proponents are still learning a lot from each other!

People come to BOFs for many reasons ...

Note that it's possible to watch a train wreck while looking **down** at the train ...

So, who showed up for this BOF?

- Who considers yourself primarily a transport person?
- Who considers yourself primarily an Internet layer/encapsulation person?
- Who considers yourself primarily an application layer person?
- Who considers yourself primarily an operations person?
- Who considers yourself primarily a measurements person?
- Who considers yourself primarily a security person?
- Who has read draft-li-tsvwg-loops-problem-opportunities, of any version?
- Who is working/worked on a product that does local transport optimizations?

Questions to guide us between now and IETF 106

- Do we understand the problem?
- Is this engineering, or is research required to provide a workable solution?
- Is the problem already solved, or is a solution already chartered?
- Do we know enough to work on a proposed charter before IETF 106?
- Who is willing to work on a proposed charter before IETF 106?
- Who thinks this work should NOT go forward? The Mike Line is now open ...

We will LOOP back to this slide after the presentations.

Topic: What Is LOOPS?

Presenter: Carsten Bormann
12 minutes (includes Q&A)

Topic: What is the Problem?
(draft-li-tsvwg-loops-problem-opportunities-03)
Presenter: Yizhou Li
10 minutes (includes Q&A)

Topic: Satellite and Enterprise Interconnection Use Cases

*Presenters: John Border
and Jianglong Wang*

5 minutes each (includes Q&A)

Sketches of Solutions
(*draft-welzl-loops-gen-info-00*)
Presenter: Michael Wetzl
18 minutes (includes Q&A)

We're not picking a solution, or improving these proposals.
We DO need to make sure that the problem is solvable at all.

Clarifying Questions

Presenter: Chairs
10 minutes (includes Q&A)

LOOPS Maps and Gaps Analysis

Presenter: Carsten Bormann
10 minutes (includes Q&A)

Let's LOOP back to the "Questions to Guide Us"!