

STATUS (Stacked Tunnels for Source Routing) BOF

IETF-87, Berlin

July 29, 2013

Note Well

This summary is only meant to point you in the right direction, and doesn't have all the nuances. The IETF's IPR Policy is set forth in BCP 79; please read it carefully.

The brief summary:

- ❖ **By participating with the IETF, you agree to follow IETF processes.**
- ❖ **If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you need to disclose that fact.**
- ❖ **You understand that meetings might be recorded, broadcast, and publicly archived.**

For further information, talk to a chair, ask an Area Director, or review the following:

BCP 9 (on the Internet Standards Process)

BCP 25 (on the Working Group processes)

BCP 78 (on the IETF Trust)

BCP 79 (on Intellectual Property Rights in the IETF)

Goal of this BOF, in a nutshell

- Source routing has existed (almost?) as long as networking
 - Historically, we have made little use of it in the IP suite
- Goal of the BOF is to
 - Answer the question, is source routing an idea whose time has come again?
 - If yes, provide input as to how it should be done within the IETF

Goals, in more detail

- What are the use cases driving this work?
- How much data plane variety is needed?
MPLS? IPv6? IPv4?
- What are the basic assumptions about the stability of the existing data planes?
- What management/control architecture do we want?
- What does a label represent?

Agenda

- Introduction
- Use cases
- Architectures
- Open Discussion
- Wrap-up