

Transport Area Open Meeting (tsvarea)

IETF-88

Vancouver, BC, Canada

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)

Agenda

- Note Well and agenda bashing (5 minutes)
 - Bluesheets, minute takers, jabber scribes
- Evolving the TSV AD Role (5 minutes)
- Latency workshop report (15 minutes + 5 minutes Q&A)
 - Mat Ford
- Google's QUIC protocol (25 minutes + 10 minutes Q&A)
 - Jim Roskind
- Evolution of IETF Transport Protocols (60 minutes)
- Re-thinking ECN (20 + 5 mins)
 - Bob Briscoe

Evolution of IETF Transport Protocols

Purpose of this Session

- Check if the current IETF transport protocols up to speed with what is needed by today's hosts and applications -- and what's happening in the network
- TCP, DCCP, SCTP, and UDP
- No need to find answer by today, it is just a start to discuss if there is any need to do something about our Transport Protocols

Mini-Agenda

- IETF-43 Requirements for Unicast Transport/Sessions (ruts) BOF
- DTLS & SCTP
- Saratoga update & thoughts on the evolution of IETF transport protocols
- Functional decomposition of the transport layer
- TCPCrypt
- Discussion