

TSVAREA @ IETF100

Mirja Kühlewind and Spencer Dawkins

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Agenda - Thursday Afternoon Session III

Administrivia - Chairs, 10 minutes

- Note Well
- Agenda Bash
- State of the Area

Implementation Topics

- NETDEV Update - Mirja, 10 minutes

Coordinating Specifications and Interop Testing

- Current practice in HTTPbis - Mark, 5 minutes
- Current practice in QUIC - Lars, 5 minutes
- Versioning Proposal for YANG Models - Spencer, 5 minutes
- Open Discussion - All, 10 minutes

Open Mike - All, 15 minutes

TSV Area Review Team (TSVART) UPDATE

Thank you for serving, and for providing reviews (*# in parens*) since IETF 99

Adrian Farrel

Bernard Aboba

Bob Briscoe

Brian Trammell

Colin Perkins (1)

David Black (1)

Fernando Gont

Jana Iyengar

Joe Touch (1)

Jörg Ott (1)

Lixia Zang - leaving

Lou Berger

Michael Scharf

Michael Tüxen

Nishida Yoshifumi (1)

*Thanks!
These reviews
really help*

Triage team -

Allison Mankin - leaving, Wes Eddy (1), Magnus Westerlund (1), and Martin Stiemering

TSV Working Groups (UPDATE)

See <https://datatracker.ietf.org/group/all-status/> for status information!

- **ALTO** (is not meeting this time but virtual interim on Dec 4)
- ~~**AQM**~~ (closed; last doc (Codel) in RFC Editor queue)
- **DTN** (BPbis and TCP convergence layer in WGLC, but bundle security protocol isn't yet)
- **IPPM** (lots of individual submissions on In-situ OAM)
- **MPTCP** (Proxy work generalized to TCP option support and moved o tcpm)
- **NFSv4** (Parallel NFS)
- **QUIC** (focusing on QUIC core protocol specifications)
- **RMCAT** (One scheme in RFC Editor queue; one goes into 2. wglc)
- **TAPS** (Focus now is on abstract TAPS API and implementation experience)
- **TCPINC** (Final update of main docs (tcpeno/tcpcrypt) this week and approval at next telechat)
- **TCPM** (DCTCP just published and Cubic is approved! Multiple docs about to finish up)
- **TRAM** (Finishing up final deliverables - STUNbis and TURNbis)
- **TSVWG** (reclaiming ECN ECT(1) bit for new ECN experiments, draft-ietf-tsvwg-sctp-dtls-encaps)

TSV Documents since IETF-99 UPDATE

Approved

draft-ietf-tcpm-cubic-07

status-change-ecn-signaling-with-nonces-to-historic

RFC Editor Queue

draft-ietf-aqm-codel-10

draft-ietf-rmcat-coupled-cc-07

draft-ietf-rmcat-scream-cc-13

draft-ietf-ippm-model-based-metrics-13

draft-ietf-nfsv4-umask-05

draft-ietf-nfsv4-xattrs-07

draft-ietf-taps-transport-usage-09

draft-ietf-taps-transport-usage-udp-07

draft-ietf-tsvwg-sctp-ndata-13

RFCs Published

RFC 8189 (was draft-ietf-alto-multi-cost)

RFC 8250 (was draft-ietf-ippm-6man-pdm-option)

RFC 8257 (was draft-ietf-tcpm-dctcp)

RFC 8267 (was draft-ietf-nfsv4-rfc5667bis)

An "ask" from PANRG

The proposed Path-Aware Networking Research Group wants to produce a short draft cataloging what we've already tried, in path-aware networking, that has encountered problems.

Spencer agreed to start the draft, and will be collecting inputs from other folks.

If you've been involved in something that the research community should learn from, please drop a note to spencerdawkins.ietf@gmail.com, and let me know what the NAME of that project/proposal/mechanism was.

I'll circle back around and ask for details, but want to start with a list.

Thanks!

Update from NETDEV (Mirja)

Coordinating Specifications and Interop Testing - Lars, Mark, Spencer

draft-claise-semver-01 - Only a proposal (for now)

["Semantic Versioning and Structure for IETF Specifications"](#)

Problem - open-source YANG models may stay in active development (forever? :-)

But - Need to publish new model versions more often than we can publish RFCs

Idea - working group controls structured document in version-controlled repository

Semantic version - MAJOR.MINOR.PATCH

MAJOR analogous to "obsoletes", MINOR to "updates", PATCH to errata

MAJOR = IETF consensus, MINOR = WG approval, PATCH = editor

Publish the necessary version as needed, don't publish each version as RFC

Open Mike

What does TSV need to know?