

TSVAREA @ IETF-96

Mirja Kühlewind and Spencer Dawkins

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Agenda

- Administrativa - TSV ADs
 - Note Well, Blue Sheets, Jabber Scribes, Agenda Bashing
 - BoF Announcement: QUIC, PLUS, L4S
 - Rechartering: ALTO, AQM, MPTCP
- Speeding up the Linux TCP/IP stack with a fast packet I/O framework - Michio Honda
- BEREC's net neutrality guidelines - Volker Sypli
- Open discussion on deployment experiences and lessons learnt
 - QUIC - Ian Swett
 - MPTCP - Christopher Paasch
 - Protocol Transitions (draft-iab-protocol-transitions) - Dave Thaler

The TSV Area Review Team (TSVART)

Fixed number of 13 members to cover needed expertise:

Magnus Westerlund

Fernando Gont

Joe Touch

Jana Iyengar

Colin Perkins

David Black

Bernard Aboba

Nishida Yoshifumi

Michael Scharf

Jörg Ott

Brian Trammell

Bob Briscoe

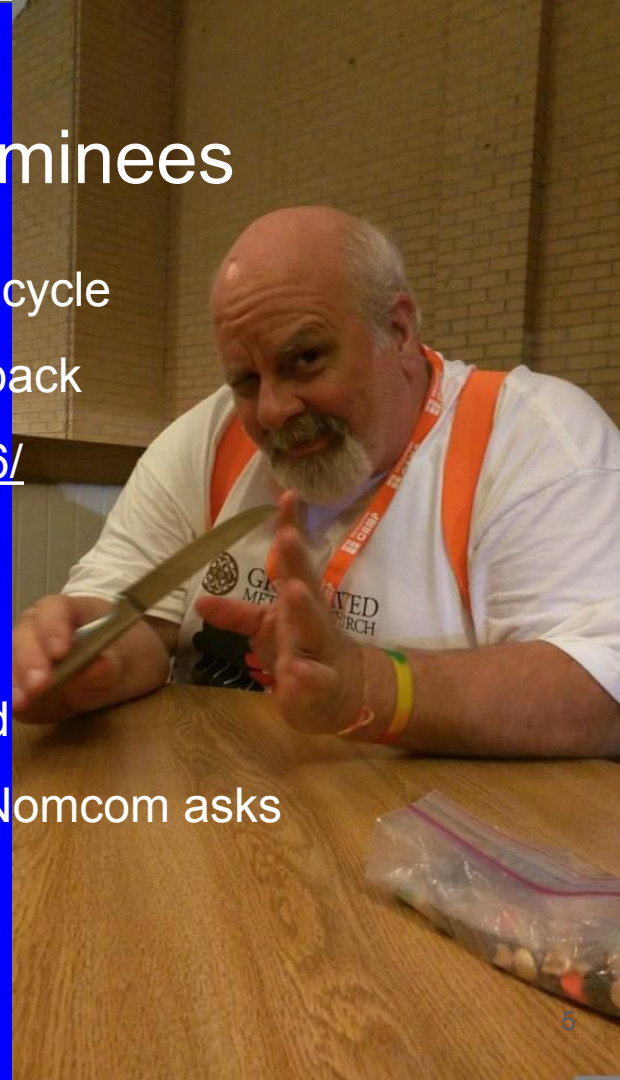
Michael Tüxen

Thanks!

And the triage team (Allison Mankin, Wes Eddy, and Martin Stiernerling)

Please be thinking about TSV AD nominees

- Nomcom will review Spencer's position in this year's cycle
- The 2016 position description, nomination, and feedback forms are at <https://datatracker.ietf.org/nomcom/2016/>
- Please nominate good people for Mirja's co-AD
- (Remember, this is Mirja's **current** co-AD) ----->
- Please seriously consider serving if you're nominated
- Please provide feedback on willing nominees when Nomcom asks



TSV Working Groups

Active:

- ALTO (Rechartering discussions)
- AQM (Rechartering discussions, will add a chair if rechartered)
- DTN
- IPPM (Plan to add a chair)
- MPTCP (Rechartering discussions)
- NFSv4
- RMCAT
- TAPS
- TCPINC
- TCPM (Pasi stepping down, may be replaced)
- TRAM
- TSVWG (Plan is to add a chair)

TSV Documents since IETF-95

Approved-announcement to be sent

[draft-ietf-aqm-pie-08](#)

[draft-ietf-alto-deployments-15](#)

[draft-ietf-tsvwg-rtcweb-qos-17](#)

RFC Ed Queue Internet-Draft

[draft-ietf-aqm-eval-guidelines-13](#)

[draft-ietf-aqm-ecn-benefits-08](#)

[draft-ietf-aqm-fq-codel-06](#)

[draft-ietf-aqm-docsis-pie-02](#)

[draft-ietf-cdni-logging-27](#)

[draft-ietf-nfsv4-minorversion2-dot-x-41](#)

[draft-ietf-nfsv4-minorversion2-41](#)

[draft-ietf-tsvwg-circuit-breaker-15](#)

RFCs Published

[RFC 7806](#) (was draft-ietf-aqm-fq-implementation)

[RFC 7786](#) (was draft-ietf-conex-tcp-modifications)

[RFC 7837](#) (was draft-ietf-conex-destopt)

[RFC 7799](#) (was draft-ietf-ippm-active-passive)

[RFC 7820](#) (was draft-ietf-ippm-checksum-trailer)

[RFC 7846](#) (was draft-ietf-ppsp-base-tracker-protocol)

[RFC 7805](#) (was draft-ietf-tcpm-undeployed)

[RFC 7829](#) (was draft-ietf-tsvwg-sctp-failover)

[RFC 7857](#) (was draft-ietf-tsvwg-behave-requirements-update)

BOF Announcement: L4S

- “Low Latency Low Loss Scalable throughput”
- Tuesday, 1400-1600, Potsdam I
- Chairs: Lars Eggert and Phil Eardley
- BoF proponents: Bob Briscoe, Koen De Schepper
- Summary: Exploit AQM mechanisms and scalable congestion control to provide a new low-latency transport that coexists with existing congestion management systems (Reno, Cubic)

BOF Announcement: QUIC

- “QUIC”
- Wednesday, 1000-1230, Potsdam I
- Chairs: Lars Eggert and Brian Trammell
- BoF proponents: Ted Hardie, Jana Iyengar, Christian Huitema
- Summary: Standardize QUIC’s core transport protocol and the mapping of the transport protocol to the facilities of TLS, and describe how to map the semantics of applications onto the transport.

BOF Announcement: PLUS

- “Path Layer UDP Substrate”
- Thursday, 1000-1230, Potsdam I
- Chairs: Aaron Falk and Natasha Rooney
- BoF proponents: Ted Hardie, Mirja Kühlewind, Brian Trammell
- Summary: Enable the deployment of new, encrypted transport protocols, while providing a transport-independent method to signal flow semantics under transport and application control.

Speeding up the Linux TCP/IP stack with a fast packet I/O framework

by Michio Honda

(15 minutes and 10 minutes Q&A)

BEREC's net neutrality guidelines
Volker Sypli
(15 minutes and 10 minutes Q&A)

Deployment Experiences and Lessons Learned - QUIC
by Ian Swett
(5 minutes including Q&A)

Deployment Experiences and Lessons Learned - MPTCP

Christopher Paasch

(5 minutes including Q&A)

draft-iab-protocol-transitions
by Dave Thaler

(10 minutes and remaining time for Q&A)