

The TSV and RAI Area Split

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Split of RAI and TSV

- TSV area has observed clustering of interest around RAI for some time
 - Working set of people and topics
 - Scheduling set of groups
 - Affinity to several APPS groups
- Continued to see benefit of closeness within TSV area until a new self-cross-cut was seen (infrastructure) when we planned VOIPEER
- Benefits of the split will become obvious when the areas are described

Description of TSV

- Some words now exist, sent to the nomcom
- Transport protocols (services offered to upper layers): DCCP, RM protocols, DTLS, maintaining TCP, SCTP, RSVP, diffserv
- Congestion control issues, QOS and* session issues that affect endpoint service (e.g. BEHAVE)

Potential Growth for TSV

- Framework for FEC (current BOF)
- Very high bandwidth congestion control/fairness
- Transport elements of peer-to-peer including the overlay multicast elements

Groups in TSV

- BEHAVE
- DCCP
- IPPM
- IPS
- MIDCOM
- NFSv4
- NSIS
- PMTUD
- RDDP
- RMT
- ROHC
- RSERPOOL
- TCPM
- TSVWG

Description of RAI

Real-time Applications and Infrastructure Area:

The Real-Time Applications and Infrastructure Area develops protocols and architectures for delay-sensitive interpersonal communications. Work in this area serves an industry whose applications and services include voice and video over IP, instant messaging and presence. These applications and services are "real-time" in the sense set out first in RFC 1889.

RAI Description (cont)

A good rule of thumb for the incorporation of new work into RAI, as opposed to Transport or Applications, is that the work in question is needed to support real-time interpersonal communication. The infrastructure applications needed to support such communications are explicitly in scope, as are discussions of operational concerns specific to this area. For example, work might relate to presence services, to session signaling protocols and emergency call routing solutions, or to work on the "layer five" issues for Internet telephony.

RAI Description (cont)

Like all areas of the IETF, the RAI Area draws on the work of numerous other areas, and as such there can be no neat mathematical boundaries delineating RAI's work from the rest of the IETF. The new area will allow an existing community within the IETF to solidify its vision and to benefit from increased institutional support.

Groups in RAI

- AVT
 - ECRIT
 - ENUM
 - GEOPRIV
 - IEPREP
 - IPTEL
 - MEGACO
- MMUSIC
 - SIMPLE
 - SIGTRAN
 - SIP
 - SIPPING
 - (VOIPEER)

A Few Management Footnotes

- AD
 - Nomcom has a 1-year and 2-year RAI slot to fill
 - The TSV slot is also open
- Chairs
 - The RAI area has superb ones
 - Use PROTO strongly to help transition the groups into this area and give it a smooth start
 - Many of the Chairs are already working this way
- Technology
 - Make sure the tools are “rai” equipped soon

Your questions/comments?

Below we see mitosis of an amoeba; it was reminded that APPS gave genetic material (simple, geopriv); that bit of biology was not represented here.

