RTP and the Datagram Congestion Control Protocol

Colin Perkins
draft-ietf-dccp-rtp-01.txt
Talk Outline

• Review of changes since last meeting
• Open issues
• Future directions
Changes Since Last Meeting (1)

- NAT keep-alive frequency set to 15 seconds
  - Equal to the ICE keep-alive timer interval
  - Removes need for RTP no-op or STUN keep alive
- Cite TFRC media guide and DCCP user guide rather than trying to provide guidance on how to provide congestion control
- Expand discussion of potential conflicts between RTP profiles and DCCP in section 4.5
- Add discussion of the interactions between SRTP and DCCP partial checksums to the security considerations section
- Fix service code ABNF to be case sensitive

These changes were agreed in Montréal
Changes Since Last Meeting (2)

• Follow draft-ietf-avt-rtp-and-rtcp-mux-01.txt for multiplexing RTP and RTCP
  – Consolidate specification of RTP and RTCP multiplexing in one place
  – Implies a=rtp: lines mandatory when multiplexing, so add to signalling example

• Add a service code for RTCP-only flows
  – Will likely require different QoS behaviour than RTP flows, so a new service code is appropriate for separate RTCP flows
    – SC:RTCP

• Assorted editorial fixes
Open Issues

• None known
Future Directions

• Working group last call?
  – After draft-ietf-avt-rtp-and-rtcp-mux-01.txt goes to last call in AVT