

# DCCP WG Meeting

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Please consult RFC 3978 for details.

# Minutes, Slides, Audio & Jabber

- minutes - need a minutes taker!
- slides
  - [https://datatracker.ietf.org/public/meeting\\_materials.cgi?meeting\\_num=65](https://datatracker.ietf.org/public/meeting_materials.cgi?meeting_num=65)
- audio
  - <http://videolab.uoregon.edu/events/ietf/>
- jabber - need scribes!
  - [http://www.ietf.org/meetings/text\\_conf.html](http://www.ietf.org/meetings/text_conf.html)

# Agenda

- agenda bashing
- short updates on current WG drafts
  - draft-ietf-dccp-tfrc-media (Tom, 10 min)
  - draft-ietf-dccp-user-guide (Tom, 10 min)
- rechartering discussion
  - potential new work items
    - draft-perkins-dccp-rtp (Colin, 15 min)
    - draft-kohler-dccp-mobility (Pasi?, 15 min)
    - DTLS over DCCP

# Current Work Items

- all drafts pending publication are in AUTH48
- draft-ietf-dccp-tfrc-voip has passed WGLC
  - Tom is PROTO shepherd
- status of draft-ietf-dccp-tfrc-faster-restart?
- short updates on other current work items
  - draft-ietf-dccp-tfrc-media (Tom, 10 min)
  - draft-ietf-dccp-user-guide (Tom, 10 min)

# Current Milestones

- |          |  |
|----------|--|
| Nov 2005 | Complete WGLC draft-ietf-dccp-tfrc-media-xx as Informational         |
| Dec 2005 | Revise charter   |
| Jun 2006 | Revise charter   |
| Jun 2006 | Complete WGLC draft-ietf-dccp-tfrc-faster-restart-xx as Experimental |
| Jun 2006 | Complete WGLC draft-ietf-dccp-tfrc-voip-xx as Experimental           |
| Jun 2006 | Complete WGLC draft-ietf-dccp-user-guide-xx as Informational         |



# Proposed Charter (I)

The Datagram Congestion Control Protocol working group is maintaining the Datagram Congestion Control Protocol (DCCP). DCCP is a minimal, general-purpose transport protocol that provides two main functions: (1) the establishment, maintenance and tear-down of an unreliable packet flow and (2) congestion control of that packet flow.

The DCCP WG is chartered to work in three areas:

- maintenance of the core DCCP protocol
- modular extensions to DCCP
- promoting the use of DCCP by upper layers



# Proposed Charter (2)

In the first area, the WG focuses on maintenance issues (i.e., bug fixes) to the current DCCP specifications.

It also provides the venue for moving the DCCP specifications along the standards track.

In order to maintain stable specifications, work in this area is tightly controlled and requires strong justification.

# Proposed Charter (3)

In the second area, the WG identifies and develops modular extensions to the DCCP specifications that increase the usefulness of DCCP. The goal of this work is to make DCCP attractive to upper-layer protocols and applications.

The WG will consider both requirements brought to it from external groups that develop or use upper-layer protocols and applications and may also itself identify a limited number of prospective applications and upper-layer protocols to investigate.

# Proposed Charter (4)

Work in this second area will provide refinements to the existing congestion control schemes currently provided by DCCP and may also include, for example, mobility support for DCCP. Work items will also provide new congestion control profiles, which are variants of existing ones, that better serve certain applications, for example, interactive applications.

For entirely new congestion control algorithms, the DCCP WG may support the IRTF's Internet Congestion Control Research Group (ICCRG) by specifying concrete implementations of algorithms under serious investigation in the ICCRG.

# Proposed Charter (5)

In the third area, the WG will promote and support the adoption and use of DCCP by upper-layer applications and protocols.

This includes specifications for using existing and emerging protocols and applications with DCCP (such as RTP over DCCP and DTLS over DCCP) as well as supporting documents that enhance DCCP deployment and management.

# Proposed Charter (6)

New work items in the latter two areas must satisfy four conditions:

- (1) WG consensus on the suitability and projected quality of the proposed work item.
- (2) A core group of WG participants with sufficient energy and expertise to advance the work item according to the proposed schedule.
- (3) Commitment from the WG as a whole to provide sufficient and timely review of the proposed work item.
- (4) Agreement by the AD, who, depending on the scope of the proposed work item, may decide that an IESG review is needed first.

# Proposed Charter (7)

The DCCP WG pursues its work in close collaboration with several other IETF WGs and IRTF RGs, including TSVWG, AVT, MMUSIC, BEHAVE, ICCRG and TMRG.

# Proposed Charter (8)

- Jun 2006 Complete WGLC draft-ietf-dccp-tfrc-media-xx as Informational
- Jun 2006 Complete WGLC draft-ietf-dccp-tfrc-faster-restart-xx as Experimental
- Jun 2006 Complete WGLC draft-ietf-dccp-tfrc-voip-xx as Experimental
- Jun 2006 Complete WGLC draft-ietf-dccp-user-guide-xx as Informational
- Mar 2007 Complete WGLC of RTP over DCCP as Proposed Standard
- Jun 2007 Complete WGLC of DTLS over DCCP as Proposed Standard
- Jun 2007 Complete WGLC of DCCP mobility extensions as Proposed Standard





# Potential New Work

- draft-perkins-dccp-rtp (Colin, 15 min)
- draft-kohler-dccp-mobility (Pasi?, 15 min)
- DTLS over DCCP
  - Eric looking for collaborators with DCCP expertise!