

# DCCP Simultaneous-Open Technique:

A journey through middleboxes

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# Outline

1. Background Information (brief)
2. Changes Since Last Revision
3. Further Work



# Changes since -00

- Format & editorial work
  - Including moving background to appendix
- Updated spec
  - Options allowed on DCCP Listen
  - No payload data
  - Middleboxes must not use sequence numbers
- DCCP Listens are unknown in RFC4340
  - Hence are silently discarded
- Servers MAY decide to not send Listen (sec)

# Conclusions

- no change to standard DCCP operation
  - conditional extension
  - communicate all state to middlebox
  - simple retransmission scheme
- may work for other middleboxes, too:
  - interested in implementation
  - solicit feedback regarding wider applicability
- what do we need to do next?
  - are we finished...?
  - should we request the type allocation?

IETF-72