RFC 4960 bis

draft-ietf-tsvwg-rfc-4960-bis-19.txt

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Document History (1)

- draft-ietf-tsvwg-rfc-4960-bis-00.txt
  RFC 4960 as an ID using the nroff sources.
- draft-ietf-tsvwg-rfc-4960-bis-01.txt
  RFC 4960 as an ID using xml.
- draft-ietf-tsvwg-rfc-4960-bis-02.txt
  Integrates all changes from RFC8540.
- draft-ietf-tsvwg-rfc-4960-bis-03.txt
  Editorial fixes and updating the references.
- draft-ietf-tsvwg-rfc-4960-bis-04.txt
  Cleanup of must/MUST, should/SHOULD, ...
- draft-ietf-tsvwg-rfc-4960-bis-05.txt
  Handling of multiple addresses in associate(), Errata 5957, editorial fixes.
- draft-ietf-tsvwg-rfc-4960-bis-06.txt
  Replace reference to RFC 4821 to draft-ietf-tsvwg-datagram-plpmtud.
- draft-ietf-tsvwg-rfc-4960-bis-07.txt
  Conventions as Section 1, move ICMP text from Appendix to main text, no mandatory text in notes, editorial changes.
- draft-ietf-tsvwg-rfc-4960-bis-08.txt
  xmlv2->xmlv3 conversion, removed Appendix A (ECN), address Gorry’s comments.
Document History (2)

- draft-ietf-tsvwg-rfc-4960-bis-09.txt
  Clarifications, introduction of PMTU, PMDCS, address Timo’s and Claudio’s comments.
- draft-ietf-tsvwg-rfc-4960-bis-10.txt
  Added definition of Control Chunk.
- draft-ietf-tsvwg-rfc-4960-bis-11.txt
  Added Association Maximum DATA Chunk Size (AMDCS), reported by Timo.
- draft-ietf-tsvwg-rfc-4960-bis-12.txt
  Clarifications, addressing most (except one) comments brought up my Magnus.
- draft-ietf-tsvwg-rfc-4960-bis-13.txt
  Add list of changes, reset CC on restart, improve wording.
- draft-ietf-tsvwg-rfc-4960-bis-14.txt
  Improve description of handling INIT and INIT ACK chunks with illegal parameters.
Document History (3)

- **draft-ietf-.tsvwg-rfc-4960-bis-15.txt (LC)**
  Note that changes from RFC 6096 & RFC 7053 are included, IANA considerations improved.
- **draft-ietf-.tsvwg-rfc-4960-bis-16.txt**
  Address comments from various directorate reviews and AD review.
- **draft-ietf-.tsvwg-rfc-4960-bis-17.txt**
  Address more comments from sec directorate review and address another AD comment.
- **draft-ietf-.tsvwg-rfc-4960-bis-18.txt**
  Address most comments from the IESG.
- **draft-ietf-.tsvwg-rfc-4960-bis-19.txt**
  Address last comments from the Security AD, DISCUSS cleared.
Changes

• Obsoletes RFC 4460, RFC 4960, RFC 6096, RFC 7053, RC 8540.
• The Initiate Tag in the INIT and INIT ACK chunk SHOULD be set to a random value.
• The state cookie MUST contain a MAC.
• If the MAC verification fails, the packet MUST (instead of SHOULD) be dropped.
• In response to an empty DATA chunk an ABORT chunk SHOULD (instead of MUST) be sent.
• If an unsent DATA chunk is acknowledged, the association MUST (instead of SHOULD) be aborted.
• Some references are moved from normative to informational references.
• Improvements to C code for CRC32c computation.
• Simplification of text describing the PPID.
• Editorial changes, clarifications.
Final Note

• Thank you to all who have contributed to this document during more than 20 years!