

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 (AMDACS), reported by Timo.
- draft-ietf-tsvwg-rfc-4960-bis-12.txt
Clarifications, addressing most (except one) comments brought up by 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!