

# RFC 4960 bis

draft-ietf-tsvwg-rfc-4960-bis-17.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.
- **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.

# Changes

- Handling of  $a\_rwnd < 1500$  in INIT / INIT ACK chunks.
- Content of state cookie is implementation specific (not a TCB).
- Mention that state cookies might not be encrypted.
- The key used of computing the state cookie should change frequently (i.e., hourly).
- Limits for outstanding TSNs and SSNs are enforced by **MUST NOT** instead of **SHOULD NOT**.
- In slow start an advance of the Cumulative TSN Ack Point is not required anymore for increasing the congestion window.
- Specify assignment policy for PPIDs.
- Improve wording.