

RFC 4960 Errata and Issues

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Randall Stewart (randall@lakerest.net)

Michael Tüxen (tuexen@fh-muenster.de)

Maksim Proshin (mproshin@tieto.mera.ru)

Recently Added

- Reduce the Initial.RTO (RFC 6298)
- Remove the ordering requirement of bundled SACK and ERROR chunks
- Improve description of RECEIVE primitive
- Add description for the handling of DSCP changes
- Remove inconsistent handling of ICMPv4 and ICMPv6 packets
- Add handling of Soft Errors
- Clarified the CWND handling
- Clarified zero window probing

Remaining Issues

- Update the CRC32c code to use explicit types (use uintN_t instead of short, int, long)
- Deprecate parameters for INIT/INIT-ACK chunks:
 - Hostname parameter
 - Support Address Types parameter
- Include RFC updating RFC 4960:
 - RFC 6096: Chunk Flags Registry
 - RFC 6335: IANA Procedures for Service Names / Port Numbers
 - RFC 7053: SACK-IMMEDIATELY Extensions

Next Steps

- Comments welcome
- Planned to address remaining issues by the next IETF.