Diameter Credit-Control Application RFC4006bis

draft-ietf-dime-rfc4006bis-02

Editors: L. Bertz, D. Dolson, Y. Lifshitz

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Presenter: David Dolson

Changes from RFC4006 (Appendix C)

Mundane Changes

- Update references to obsolete RFC 3588 to refer to RFC 6733.

- Update references to obsolete RFC 4005 to refer to RFC 7155.

- Update references to current 3GPP documents.

- Update AVP per Errata ID 3329.

- Update reference to "IPsec or TLS" to be "TLS/TCP, DTLS/SCTP or IPsec".

- Remove Encr column from AVP flag rules.

- Updated Security Section to include language consistent with structures of latest base protocol specification.

Changes from RFC4006 (Appendix C) (cont. 1)

- Clarify that RESTRICT_ACCESS action applies after consumption of final granted units (Section 5.6.3).

- Clarify that values in Used-Service-Unit AVP may exceed Granted-Service-Unit AVP (Section 8.19).

- Clarify Filter-Rule AVP in Restrict Access Action.

- Clarify that IPv6 representation in Redirect-Address-Type AVP conforms to RFC5952 (Section 8.38).

- Describe immediate graceful service termination procedure (Section 5.6).

Changes from RFC4006 (Appendix C) (cont. 2)

New extensible groups

- Add extensible User-Equipment-Info-Extension AVP and included types (Sections 8.52 to 8.57).

  - Now supports IMEI.

- Add extensible Subscription-Id-Extension AVP and included types (Sections 8.58 to 8.63).

- Add extensible Redirect-Server-Extension AVP and included types (Sections 8.64 to 8.67).

- Add extensible QoS-Final-Unit-Indication AVP (Section 8.68).

  - Ability to use Filter-Rule AVP with Final-Unit-Indication.

Request Working-Group Last Call

- The editors believe all issues have been addressed.

- Datatracker: `https://datatracker.ietf.org/doc/draft-ietf-dime-rfc4006bis/`

- Contribute and track issues at: `https://github.com/lbertz02/rfc4006bis`