

draft-ietf-alto-multi-cost-07.txt

Updates since IETF96

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Updates upon WGLC feedback

- V03 posted on August 10, 2016
 - Addressed WGLC review comments
 - Terminology,
 - Clarified « constraints » and « or-constraints » in
 - Specification: § 4.1.2. Accept Input Parameters
 - Spelling check,
 - Design update in Multi-Cost Server responses
 - Added member "cost-type" : {} for RFC7285 compliance
- V04 posted in September 12, 2016
 - Last spelling consistency checks
 - Further clarified « or-constraints » in § 4.1.2
- V05 posted February 22, 2017
 - For shepherd write-up
 - Updated references and author addresses

Thank you Kai, Hans, Richard, Xiang and Xin

Updates upon AD feedback

- Version 06 posted March 10, 2017
 - Clarified overview with definitions of FCM and ECS
 - § 3.4. Endpoint Cost Service Resources
 - § 3.5. Full Cost Map Resources
 - Explained design choice of using an index to refer to cost-types
 - in §3.6.3. Testable Cost Types in constraints
 - Clarified MC ALTO Server response specification: value of field "cost-type" will be ignored by the receiver and set to {}.
 - In § 4.1.3. Response

Thank you Mirja

IANA and IETF last call reviews

- IANA review March 17: OK
- Secdir review by Magnus Nyström
 - Question 1: on additional dDOS risk due to complex MC ALTO requests
 - Answer 1: we believe that this proposal does not cause any additional security issues compared to the base protocol specified in RFC7285. The Multi-Cost optimization even tends to reduce the on the wire data exchange volume compared to multiple single cost ALTO transactions. Likewise, the risk related to massive multi-cost request is moderated by the fact that Multi-Cost constraints further filters ALTO Server responses and thus their volume.
 - Question2: language/grammar update
 - Answer2: Indeed the formulation "legacy" needs be updated as you suggest. We will track similar examples and post a revision.
- Gen-ART review by Wassim Haddad, March 27 : no issues

Next steps

- IETF Last Call ended March 27, 2017
- State on March 27: Waiting for Writeup.
- IETF Telechat scheduled: 13 April 2017
- See tracker:
<https://datatracker.ietf.org/doc/draft-ietf-alto-multi-cost/>
- New version v08 to be posted with the secdir recommended language/grammar update

Thank you