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 adresses

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