Update on "**AAA Framework for Multicasting**"

draft-ietf-mboned-multiaaa-framework-02.txt

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Purpose of the Draft

- "to provide a generalized framework for multicast AAA that can meet the requirements
  - "Accounting, Authentication and Authorization Issues in Well Managed IP Multicasting Services", draft-ietf-mboned-maccnt-req-04.txt.
- Such requirements derived from
  - need for user tracking and billing capabilities for multi-entity networks
  - need for multicast access/admission control
  - methods for sharing information between the network service provider and content provider to make above possible

Background

- draft-ietf-mboned-maccnt-req-04.txt completed WGLC

- At IETF67 decided to merge 2 WG items ietf-mboned-multiaaa-framework and draft-ietf-mboned-rac-issues

Major Changes between 01 and 02 (#1)

1) removal of direct handling of QoS, instead addition of an API that allows for interfacing so that additional conditions can be added to the admission control decision.

2) Specification of an accounting API (4.3)
   - provided by the NSP and accessed by the CP
   - allow for sharing user-behavior and content-reception information between the NSP AAA and CP AAA

3) Scope statement: limited to discussing SSM, 1-to-n content delivery exclusively.

Major Changes between 01 and 02 (#2)

4) "Use models" adapted from "Issues Draft"

- To allow meeting requirements (draft-ietf-mboned-maccnt-req-04.txt, 4.2.2, 4.2.3 & 4.9)

5) Explanation of network selection (4.1)

- e.g. fixed or mobile

6) Addition of paragraph to "Caching of AAA results sections" (4.7)

- NSP may send notification to user that session is about to end to allow for uninterrupted transmission

Other Changes between 01 and 02

1) Addition of new author: Christian Jacquenet with extensive input

2) total simplification and rewriting of the Abstract

 – overview -> motivation

3) extensive rewriting of the Introduction to give better context and clarity of purpose

 – relation with req-draft

4) clarification of Definitions such as Accounting and Authorization

5) Introduction of Common Referencing of requirements deriving from draft-ietf-mboned-maccnt-req-04.txt

 – so they don't seem to be new requirements

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Going Forward

- Want comments on the merged draft
- Revise based on input from WG