Update on **"Requirements for Multicast AAA coordinated between Content Provider(s) and Network Service Provider(s)"**

[revised title]

draft-ietf-mboned-maccnt-req-05.txt

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Status

- mboned-maccnt-req-04 submitted February 2006 and proceeded through WGLC after IETF 65 Dallas

- mboned-maccnt-req-05 submitted September 2007 to address all IESG DISCUSS comments

Purpose of the Draft

- defines requirements related to <u>AAA</u> issues for <u>multi-entity provider models</u> in which the network service provider and content provider cooperate to provide CDS and various related AAA functions for purposes such as <u>protecting and accounting for the access to content and network resources</u>.

Changes 1: Title, Abstract & Introduction Updated

- Title: changed to "Requirements for Multicast AAA coordinated between Content Provider(s) and Network Service Provider(s)"

- New abstract, updated introduction in order to clarify scope of requirements applicability --> MAAA with multi-entities

Changes 2: Security/ Privacy

- ## Security
  - Security Considerations/ relation with MSEC (section 8 and Section 3.2)
    - Added text to clarify relationship to MSEC-- does <u>not</u> <u>preclude</u> use of <u>MSEC</u>: Any solution should allow encryption on data.

- ## Privacy considerations (section 9)
  - added new section to address privacy considerations.
    - ".. <u>consider encryption of the content data</u> between the content provider and the user in such a way that the Network Provider does not know the contents of the channel."

Changes 3: Accounting Related

- **Accounting Issues (section 3.1)**
  - received comment of "circular argument": rewording of paragraph now beginning with "It is envisioned that there are .." to clarify logic
  - diagram: user, NSP, CP segments clarified

- **Accounting Requirements (section 5.1.2.1)**
  - rewording of first paragraph to clarify that the <u>solutions should be general and flexible</u> enough to support <u>common legal and business/financial requirements</u> of which the usage cases in the draft are only examples.
  - added text to refer to Interdomain accounting issues (RFC-2975) as suggested in feedback

Changes 4: Wording/ Terminology

- **wording consistency (throughout doc):**
  - groups --> channels
  - end-user --> user
  - I-D --> "memo"
  - "edge network" --> "access network"

- **"User" definition clarified:** "In this document user refers to a requester and a recipient of multicast data, termed a viewer in CDS."

- deleted use of "well-managed IP multicasting", instead used "AAA and QoS enabled" multicasting [Introduction, Conclusion, section 4.11]

Changes 5: Other

- 4.11 clarification of meaning of large-scale:
  - "NSP's multicast access and QoS policies should be manageable for large scale users. (e.g. <u>millions of users, thousands of edge-routers</u>)."

Going Forward

- Procedural: Necessary to go through another another WGLC?