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

[draft-ietf-mboned-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 AAA issues for multi-entity provider models in which the network service provider and content provider cooperate to provide CDS and various related AAA functions for purposes such as protecting and accounting for the access to content and network resources.
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 not preclude use of MSEC: Any solution should allow encryption on data.

• Privacy considerations (section 9)
  – added new section to address privacy considerations.
    “.. consider encryption of the content data 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 solutions should be general and flexible enough to support common legal and business/financial requirements 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. millions of users, thousands of edge-routers).”
Going Forward

• Procedural: Necessary to go through another another another WGLC?