AMT Multicast:
AAA and Relay Logging Recommendations

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Content Providers Require Strong AAA

- Myself and others at AT&T have spoken with several content owners/providers on this subject

    – Content Owners want to prevent unauthorized persons from receiving restricted content

    – This is desired even if content is encrypted

- Unicast cached delivery has access control mechanisms governing who can receive restricted content

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We feels strongly that a robust AAA mechanism should be developed for Multicast (new Internet Draft)

- We have circulated a proposal for AAA

- Our proposal does call for some minor changes to IGMP

ISPs Require Relay Logging

- ISPs that use Multicast require the Relay to log data for several reasons
  - Billing: how much traffic was delivered in total and to an EU
  - Troubleshooting
  - Capacity Management

- AMT Relay needs to log:
  - Metrics about each stream from multicast sources
  - Metrics about outgoing multicast streams to AMT Gateways

- AT&T has developed a robust logging capability in our AMT Relay

- AT&T requires any AMT Relay vendor to provide a complete logging capability