Multicast Service Models

draft-acg-mboned-multicast-models-00

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So, about SSM...

• Recent mboned WG list discussion on draft-ietf-mboned-interdomain-peering-bcp-03 included a recommendation for use of SSM.
  – Tim had suggested the text
  – Mikael asked for a citation
  – There is some SSM rationale in RFC4607, but that’s 10 years old, and some text in RFC3569, which is even older (2003)

• In short, it seems the mboned WG has no recent document advocating SSM usage, explaining its advantages
  – But we talk about that a lot in the WG
  – So this draft aims to address that
  – Taking on board current multicast deployment practices
Current contents / format

• The 10-page draft currently includes:
  – High-level ASM/SSM service models
  – Building blocks, addressing, host signalling
  – Protocols used to deploy ASM
  – Protocols used to deploy SSM
  – Discussion
    • Advantages in using SSM
    • SSM for multi-source applications
    • Other considerations (scalability, scoping, …)
  – Use case examples (currently empty)

• Comments to date:
  – We need to add a reference to RFC3569
Some open questions...

• Useful work?
• Level of detail required in the draft?
• Title?
• Informational or BCP?
• What exactly do we want to recommend?