Mbus Update

draft-ietf-mmusic-mbus-transport-03.txt

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Quick Reminder

• Local coordination mechanism
• Specification split into three pieces
  – Requirements overview
  – Definition of the “transport protocol”
    • Message syntax, addressing, local multicast, reliability, authentication, ...
  – Definition of the message semantics
    • Call-control, media tools related commands
Overview of Changes in draft-ietf-mmusic-mbus-transport-03

• Allow for use of broadcast  
  – Only when multicast is not available
• Scope-relative multicast address  
  – Yet to be assigned  
  – MUST NOT use scopes larger than link-local
• Resolution of timestamps now milliseconds
• Bug-fixes  
  – Message syntax ABNF, use CRLF throughout
Remaining Issues

• Congestion Control required?
  – Remember: link-local scope
  – Cannot determine link bandwidth reliably
    • There may not be receivers behind every bridge…

• IANA
  – Scope-relative address and port number
  – Registration has been requested…

• Security
  – Currently advocating DES
  – Adopt AES, padding is already considered

• IPv6
  – Should already be considered, need to check once more

• References in draft
  – Check normative references etc.
Next steps

• Mbus-transport essentially stable
  – Pending small changes...
  – No further features/changes planned

• One more draft submission before WG-last-call?
  – Standards Track or Informational?
http://www.dmn.tzi.org/ietf/mmusic/mbus/