

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/>