Update for “Multicast Considerations over IEEE 802 Wireless Media”

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Timeline up to revision ...-05

• Many comments received during IETF 104, during extensive face-to-face WG meeting
  – Including comments generated at Hackathon
• draft-ietf-mboned-ieee802-mcast-problems-05 submitted on April 15
• WGLC requested
Incorporated new section from Jake Holland for conversion of multicast to unicast, and included AMT as an existing solution.

Described likely future multicast applications that will emphasize the need for attention to the technical matters in this document.

Further modified text to be more generic instead of referring specifically to IETF conference situations.

- Modified text to be more generic, not citing only Bonjour.

- Added uPnP as a representative multicast protocol.

- Citation for Linux bridging code for multicast to unicast.

- Updated bibliographic citations, included URLs as needed.

- More editorial improvements and grammatical corrections.
Timeline up to revision ...-06

• Jeffrey Zhang comment about encryption and multicast group membership problems, leading to updating Security Considerations
• Many comments from Bill Atwood, who suggested many clarifications, and also including DRIAD as a relay discovery choice
Included new text in Security Considerations to alert about problems regarding Group Key management caused by multicast
  - unreliability and implementation bugs.

Included DRIAD as a discovery mechanism for multicast relays.

Corrected occurrences of "which" versus "that" and "amount" versus "number".

Updated bibliographic citations, included URLs as needed.

More editorial improvements and grammatical corrections
More recent comments (many thanks!)

Email from Bill Atwood
  - More editorial improvements and corrections.

Email from Jake Holland
  - DRIAD should not be listed as a discovery mechanism for multicast relays
  - Further corrections
Next steps

• Submit draft ...-07.txt to incorporate all comments received so far during WGLC
• Additional reviews are welcome!