

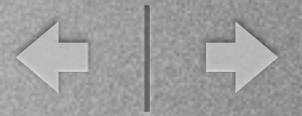


AMT -05 to -06

Changes

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Visual Changes

- Differences can be found at <http://bangj.com/IETF/mboned-amt-05-06-diff.html>



Specific Changes

- Added applicability statement (pekka)
- Removed AMT Pseudo-AS numbers in BGP and mBGP
- Added a protocol sequence to describe normal case of gateway joining and receiving data (dino)



Changes (cont.)

- Added IGMP/MLD Query to the AMT Membership Query (thaler)
- The UDP checksum SHOULD be 0 in the AMT IP Multicast Data message. (dino)



Changes (cont.)

- Clarifications that the IP Header of the original IGMP/MLD message should be included when AMT encapsulated. (dino)
- Explanation of how to encode real source address in the Group and Source address for SSM sources at or behind gateways for both IPv4 and IPv6 (thaler)



Changes (cont.)

- **Added text to describe using the QQIC value in the IGMP/MLD Query for the relay to tune the Membership Timeout (thaler)**



IANA Changes

- Change the Anycast prefix length in IPv4 from 16 to 18 to be more realistic.
- Change the Anycast prefix length in IPv6 from 64 to 32 to meet requirements of BGP



IANA Changes (cont.)

- Added request for AMT Subnet Prefix for sources at or behind gateways.
 - /18 for IPv4
 - /48 for IPv6



Upcoming Changes

- Reduce the size of the AMT Data Message for hardware forwarding (dino)
- Changes to gateway group join scenario to free up resources (pekka & dino)



Up for discussion

- Preventing spoofing in the AMT data message.