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Mtrace Version 2: Traceroute Facility for IP Multicast

draft-ietf-mboned-mtrace-v2-13

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Change from -12

- Add a new section: 9.2. Filtering of Clients
 - Comment raised by John Kristoff
 - There is only a brief mention of the potential for amplification of responses and no detailed analysis to the extent, including no mention of the susceptibility to it from spoofed requests.
 - Perhaps it would be sufficient if the LHR had to ensure a client issuing an Mtrace2 Query can receive a response.

New: 9.2. Filtering of Clients

- A router SHOULD support a mechanism to filter out queries from clients beyond a specified administrative boundary. Such a boundary could, for example, be specified via a list of allowed/disallowed client addresses or subnets. If a query is received from beyond the specified administrative boundary, the Query MUST NOT be processed. The router MAY, however, perform rate limited logging of such events.

Old: 4.1.1. Query Packet Verification

- Mtrace2 supports a non-local client to the LHR/RP. It is up to the implementation to filter out such queries.

New: 4.1.1. Query Packet Verification

- Mtrace2 supports a non-local client to the LHR/RP. A router SHOULD, however, support a mechanism to filter out queries from clients beyond a specified administrative boundary. **The potential approaches are described in Section 9.2.**

Next Step

- Ready for WGLC?
- (We'll revise the draft with small changes and submit it within a few days unless no other changes required)