

manet

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Issues #1, #2, #3, #5

- #1 Discussion about naming for the IETF reactive protocol
- #2 Terminology for reactive protocol document
- #3 Use msg-hop-count in RFC 5444 header to limit # of hops
- #5 Reorganizing the route table entry timeout management

Issues #6, #7, #8, #12

- #6 sequence number incrementation mandate
- #7 Top level document organization
- #8 HopCount and alternate metrics in AODVv2
- #12 `INVALID_PREFIX_LENGTH` -- is it useful?

Issue #13

- #13 Supporting monotonically nondecreasing but non-additive metrics

This proposal was rejected because it can lead to routing loops

Issue #11

- #11 failure of delivery to single host can invalidate route to an entire network

Scenario: route to destination uses a subnet route.

If RERR is generated while forwarding a packet, it might invalidate the whole subnet

Resolution: create and invalidate longer-prefix route

Issue #15

- #15 Reactive Design Approach

Suggestion is made to create a hybrid solution

This is a great idea, but out of scope for AODVv2

Issue #17

- #17 Proposed Reactive Protocols' Alternative Message Formats

Please make a proposal; can't figure out how to resolve

Issue #4, #9

- #4 Change to handling of Route.Dist for AdditionalNode routing information

Only for nodes that do not have distance information, but now all do

- #9 Reserved value for AODVv2 SeqNum -- is it necessary

Issue #10

- #10 Reporting multiple broken routes whose metric types are different

Would save bytes over the air

Would require multiple Metric-Type message TLVs, one per addrblk