

**TABLE I: The list of unique bugs.**

ID	Protocol	Type	Description	New?	Status
1	BABEL	Routing	Request forwarding does not prioritize feasible routes.	✓	PR Merged
2	BABEL	Routing	Miss check unexpired unfeasible routes to avoid starvation.	✓	PR Merged
3	BABEL	Config	Miss source port validation before parsing.	✓	PR Merged
4	BABEL	Config	Missing router-id validation in babel_get_myid.	✓	PR Merged
5	BABEL	Parsing	known_ae() function accepts incorrect AE values.	✓	PR Merged
6	BABEL	Parsing	Incorrect parsing of type field in parse_request_subtlv.	✓	PR Merged
7	BABEL	Parsing	Handle unknown TLVs incorrectly in parse_request_subtlv.	✓	Pending
8	BABEL	Parsing	Miss mandatory bit handling in parse_ihu_subtlv.	✓	Pending
9	BABEL	Parsing	Miss Router-Id validation for RouterId TLV.	✗	PR Approved
10	BABEL	Parsing	Miss Router-Id Validation for Seqno Request TLV.	✗	PR Approved
11	BFD	Parsing	Miss check Simple Password Authentication format.	✗	Confirmed
12	BFD	Parsing	Miss check Keyed MD5 Authentication format.	✗	Confirmed
13	BFD	Parsing	Miss check Meticulous Keyed MD5 Authentication format.	✗	Confirmed
14	BFD	Parsing	Miss check Keyed SHA1 Authentication format.	✗	Confirmed
15	BFD	Parsing	Miss check Meticulous Keyed SHA1 Authentication format.	✗	Confirmed
16	BFD	Demultiplex	Incorrect session lookup for demultiplexing.	✓	PR Merged
17	BFD	State	Miss state validation for demand bit in ptm_bfd_send.	✓	Pending
18	BFD	Demultiplex	Missing poll Sequence for demand bit changes.	✓	Pending
19	BFD	Timer	Incorrect initialization of DesiredMinTxInterval.	✓	PR Approved
20	BFD	Config	Miss check passive mode with zero discriminator.	✓	PR Merged
21	BFD	State	LocalDiag not being set.	✓	PR Merged
22	BFD	State	Fail to maintain session state even when a session is down.	✓	Pending
23	BFD	State	Fail to start or stop Demand mode at any time.	✓	Pending
24	BFD	Timer	Miss check increased transmission interval.	✓	PR Merged
25	RIPng	Routing	Incorrect address selection for non-RIPng port requests.	✓	Pending
26	RIPng	Routing	Miss link-local route filtering before adding into RTE.	✓	Pending
27	NHRP	Routing	Miss hop count validation in nhrp_packet_pull().	✓	PR Merged
28	NHRP	State	Non-volatile request ID storage violation.	✓	Pending
29	NHRP	State	No storage/checking of uniqueness flag.	✓	Pending
30	NHRP	State	No rejection of duplicate unique registrations.	✓	Pending
31	NHRP	State	Miss uniqueness conflict detection and error handling.	✓	Pending
32	NHRP	Err Handle	Fail to prevent sending error indication pkts to error pkts.	✓	Pending
33	NHRP	Err Handle	Fail to guarantee single error per packet rule.	✓	Pending
34	NHRP	State	Miss Purge Request handler.	✓	Pending
35	NHRP	Routing	Miss loop detection for Responder Address Extension.	✓	Confirmed
36	NHRP	Routing	Fails to drop packets with NHS's own source addresses.	✓	Pending
37	DHCP	State	Miss response handling for DHCPINFORM messages.	✓	Pending
38	DHCP	State	DHCPREQUEST does not reuse the secs field.	✓	Pending
39	DHCP	State	Incorrect hooking message type in REBINDING stage.	✓	Pending
40	DHCP	Timer	Violation of T1/T2 timer relationship requirement.	✓	Pending
41	IGMP	Timer	Incorrect timer range coverage due to randomization error.	✓	Pending
42	IGMP	State	Miss version state tracking and handling per interface.	✓	Pending
43	IGMP	Timer	Incorrect IGMPv1 Max Response Time handling.	✓	Pending
44	IGMP	State	Missing report version selection logic.	✓	Pending
45	IGMP	State	Incorrectly allow IGMP join from invalid states.	✓	Pending
46	IGMP	Timer	Use a 500ms delay instead of the RFC-mandated 10 seconds.	✓	Pending
47	IGMP	Timer	Miss Version 1 router present timeout.	✓	Pending