

Test Output

Test 1: Single Proposer, Instant Responses

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1 [main] INFO Election - Starting test 1: 1 Proposer, all members respond instantly.
2 [main] INFO Election - M1 started listening on port 5001...
3 [main] INFO Election - M2 started listening on port 5002...
4 [main] INFO Election - M3 started listening on port 5003...
5 [main] INFO Election - M4 started listening on port 5004...
6 [main] INFO Election - M5 started listening on port 5005...
7 [main] INFO Election - M6 started listening on port 5006...
8 [main] INFO Election - M7 started listening on port 5007...
9 [main] INFO Election - M8 started listening on port 5008...
10 [main] INFO Election - M9 started listening on port 5009...
11 Member M6 broadcasting PREPARE message, proposal number: 1853305771
12 [pool-1-thread-1] INFO Election - Current max proposal of M1: 1853305771
13 [pool-1-thread-1] INFO Election - M1 sending PROMISE message to M6, proposal number: 1853305771
14 [pool-1-thread-2] INFO Election - M6 received PROMISE message from M1, with candidate: null
15 [pool-1-thread-3] INFO Election - Current max proposal of M2: 1853305771
16 [pool-1-thread-3] INFO Election - M2 sending PROMISE message to M6, proposal number: 1853305771
17 [pool-1-thread-4] INFO Election - M6 received PROMISE message from M2, with candidate: null
18 [pool-1-thread-5] INFO Election - Current max proposal of M3: 1853305771
19 [pool-1-thread-5] INFO Election - M3 sending PROMISE message to M6, proposal number: 1853305771
20 [pool-1-thread-6] INFO Election - M6 received PROMISE message from M3, with candidate: null
21 [pool-1-thread-7] INFO Election - Current max proposal of M4: 1853305771
22 [pool-1-thread-7] INFO Election - M4 sending PROMISE message to M6, proposal number: 1853305771
23 [pool-1-thread-8] INFO Election - M6 received PROMISE message from M4, with candidate: null
24 [pool-1-thread-9] INFO Election - Current max proposal of M5: 1853305771
25 [pool-1-thread-9] INFO Election - M5 sending PROMISE message to M6, proposal number: 1853305771
26 [pool-1-thread-10] INFO Election - M6 received PROMISE message from M5, with candidate: null
27 [pool-1-thread-10] INFO Election - Current candidate: M1
28 [pool-1-thread-10] INFO Election - M6 selected candidate M1 for proposal.
29 [pool-1-thread-10] INFO Election - Member: M6, Proposal: 1853305771, Candidate: M1
30 [pool-1-thread-10] INFO Election - M6 broadcasting PROPOSE message, proposal number: 1853305771, candidate: M1
31 [pool-1-thread-2] INFO Election - M1 sending ACCEPT message to M6, proposal number: 1853305771, candidate: M1
32 [pool-1-thread-1] INFO Election - Current max proposal of M7: 1853305771
33 [pool-1-thread-1] INFO Election - M7 sending PROMISE message to M6, proposal number: 1853305771
34 [pool-1-thread-6] INFO Election - M2 sending ACCEPT message to M6, proposal number: 1853305771, candidate: M1
35 [pool-1-thread-8] INFO Election - Current max proposal of M8: 1853305771
36 [pool-1-thread-8] INFO Election - M8 sending PROMISE message to M6, proposal number: 1853305771
37 [pool-1-thread-6] INFO Election - M3 sending ACCEPT message to M6, proposal number: 1853305771, candidate: M1
38 [pool-1-thread-5] INFO Election - Current max proposal of M9: 1853305771
39 [pool-1-thread-5] INFO Election - M9 sending PROMISE message to M6, proposal number: 1853305771
40 [pool-1-thread-1] INFO Election - M4 sending ACCEPT message to M6, proposal number: 1853305771, candidate: M1
41 [pool-1-thread-9] INFO Election - M5 sending ACCEPT message to M6, proposal number: 1853305771, candidate: M1
42 [pool-1-thread-8] INFO Election -
43
44 Consensus reached on proposal: 1853305771, candidate: M1!
```

Test 2: Two Proposers, Instant Responses

```
1 [main] INFO Election - Starting test 2: 2 Proposers, all members respond instantly.
2 [main] INFO Election - M1 started listening on port 5001...
3 [main] INFO Election - M2 started listening on port 5002...
4 [main] INFO Election - M3 started listening on port 5003...
5 [main] INFO Election - M4 started listening on port 5004...
6 [main] INFO Election - M5 started listening on port 5005...
7 [main] INFO Election - M6 started listening on port 5006...
8 [main] INFO Election - M7 started listening on port 5007...
9 [main] INFO Election - M8 started listening on port 5008...
10 [main] INFO Election - M9 started listening on port 5009...
11 Member M1 broadcasting PREPARE message, proposal number: 1853319340
12 Member M6 broadcasting PREPARE message, proposal number: 1853319345
13 [pool-1-thread-2] INFO Election - Current max proposal of M1: 1853319345
14 [pool-1-thread-1] INFO Election - Current max proposal of M2: 1853319340
15 [pool-1-thread-1] INFO Election - M2 sending PROMISE message to M1, proposal number: 1853319340
16 [pool-1-thread-2] INFO Election - M1 sending PROMISE message to M6, proposal number: 1853319345
17 [pool-1-thread-3] INFO Election - M6 received PROMISE message from M1, with candidate: null
18 [pool-1-thread-4] INFO Election - M1 received PROMISE message from M2, with candidate: null
19 [pool-1-thread-6] INFO Election - Current max proposal of M3: 1853319340
20 [pool-1-thread-6] INFO Election - M3 sending PROMISE message to M1, proposal number: 1853319340
21 [pool-1-thread-7] INFO Election - M1 received PROMISE message from M3, with candidate: null
22 [pool-1-thread-5] INFO Election - Current max proposal of M2: 1853319345
23 [pool-1-thread-5] INFO Election - M2 sending PROMISE message to M6, proposal number: 1853319345
24 [pool-1-thread-8] INFO Election - M6 received PROMISE message from M2, with candidate: null
25 [pool-1-thread-10] INFO Election - Current max proposal of M4: 1853319340
26 [pool-1-thread-10] INFO Election - M4 sending PROMISE message to M1, proposal number: 1853319340
27 [pool-1-thread-9] INFO Election - Current max proposal of M3: 1853319345
28 [pool-1-thread-9] INFO Election - M3 sending PROMISE message to M6, proposal number: 1853319345
29 [pool-1-thread-3] INFO Election - M1 received PROMISE message from M4, with candidate: null
30 [pool-1-thread-4] INFO Election - M6 received PROMISE message from M3, with candidate: null
31 [pool-1-thread-7] INFO Election - Current max proposal of M4: 1853319345
32 [pool-1-thread-7] INFO Election - M4 sending PROMISE message to M6, proposal number: 1853319345
33 [pool-1-thread-2] INFO Election - Current max proposal of M5: 1853319340
34 [pool-1-thread-2] INFO Election - M5 sending PROMISE message to M1, proposal number: 1853319340
35 [pool-1-thread-1] INFO Election - M6 received PROMISE message from M4, with candidate: null
36 [pool-1-thread-1] INFO Election - M1 received PROMISE message from M5, with candidate: null
37 [pool-1-thread-3] INFO Election - Current max proposal of M6: 1853319340
38 [pool-1-thread-3] INFO Election - M6 sending PROMISE message to M1, proposal number: 1853319340
39 [pool-1-thread-6] INFO Election - Current max proposal of M5: 1853319345
40 [pool-1-thread-6] INFO Election - M5 sending PROMISE message to M6, proposal number: 1853319345
41 [pool-1-thread-4] INFO Election - M1 received PROMISE message from M6, with candidate: null
42 [pool-1-thread-5] INFO Election - M6 received PROMISE message from M5, with candidate: null
43 [pool-1-thread-5] INFO Election - Current candidate: M2
44 [pool-1-thread-4] INFO Election - Current candidate: M1
45 [pool-1-thread-5] INFO Election - M6 selected candidate M2 for proposal.
46 [pool-1-thread-4] INFO Election - M1 selected candidate M1 for proposal.
47 [pool-1-thread-5] INFO Election - Member: M6, Proposal: 1853319345, Candidate: M2
48 [pool-1-thread-4] INFO Election - Member: M1, Proposal: 1853319340, Candidate: M1
49 [pool-1-thread-5] INFO Election - M6 broadcasting PROPOSE message, proposal number: 1853319345, candidate: M2
50 [pool-1-thread-4] INFO Election - M1 broadcasting PROPOSE message, proposal number: 1853319340, candidate: M1
51 [pool-1-thread-9] INFO Election - M2 sending FAIL message to M1, proposal number: 1853319345
52 [pool-1-thread-8] ERROR Election - M1 received a Fail message from M2
53 [pool-1-thread-10] INFO Election - M1 sending ACCEPT message to M6, proposal number: 1853319345, candidate: M2
54 [pool-1-thread-7] INFO Election - Current max proposal of M7: 1853319340
55 [pool-1-thread-7] INFO Election - M7 sending PROMISE message to M1, proposal number: 1853319340
56 [pool-1-thread-6] INFO Election - M2 sending ACCEPT message to M6, proposal number: 1853319345, candidate: M2
57 [pool-1-thread-8] INFO Election - M3 sending FAIL message to M1, proposal number: 1853319345
58 [pool-1-thread-9] ERROR Election - M1 received a Fail message from M3
59 [pool-1-thread-10] INFO Election - Current max proposal of M8: 1853319345
60 [pool-1-thread-10] INFO Election - M8 sending PROMISE message to M6, proposal number: 1853319345
61 [pool-1-thread-7] INFO Election - M4 sending FAIL message to M1, proposal number: 1853319345
62 [pool-1-thread-6] INFO Election - M3 sending ACCEPT message to M6, proposal number: 1853319345, candidate: M2
63 [pool-1-thread-2] INFO Election - Current max proposal of M7: 1853319345
64 [pool-1-thread-2] INFO Election - M7 sending PROMISE message to M6, proposal number: 1853319345
65 [pool-1-thread-8] ERROR Election - M1 received a Fail message from M4
66 [pool-1-thread-10] INFO Election - Current max proposal of M9: 1853319340
67 [pool-1-thread-10] INFO Election - M9 sending PROMISE message to M1, proposal number: 1853319340
68 [pool-1-thread-1] INFO Election - M8 rejecting lower proposal: 1853319340
69 [pool-1-thread-1] INFO Election - M8 sending FAIL message to M1, proposal number: 1853319345
70 [pool-1-thread-2] ERROR Election - M1 received a Fail message from M8
71 [pool-1-thread-2] INFO Election - M5 sending FAIL message to M1, proposal number: 1853319345
72 [pool-1-thread-10] INFO Election - M4 sending ACCEPT message to M6, proposal number: 1853319345, candidate: M2
73 [pool-1-thread-1] ERROR Election - M1 received a Fail message from M5
74 [pool-1-thread-7] INFO Election - Current max proposal of M9: 1853319345
75 [pool-1-thread-7] INFO Election - M9 sending PROMISE message to M6, proposal number: 1853319345
76 [pool-1-thread-2] INFO Election - M6 sending ACCEPT message to M1, proposal number: 1853319340, candidate: M1
77 [pool-1-thread-10] INFO Election - M5 sending ACCEPT message to M6, proposal number: 1853319345, candidate: M2
78 [pool-1-thread-6] INFO Election - M1 received PROMISE message from M9, with candidate: null
79 [pool-1-thread-1] INFO Election - M6 received PROMISE message from M9, with candidate: null
80 [pool-1-thread-3] INFO Election - M1 received PROMISE message from M7, with candidate: null
81 [pool-1-thread-8] INFO Election - M6 received PROMISE message from M7, with candidate: null
82 [pool-1-thread-9] INFO Election - M6 received PROMISE message from M8, with candidate: null
83 [pool-1-thread-7] INFO Election -
84
85 Consensus reached on proposal: 1853319345, candidate: M2!
```


Test 3: Single Proposer, Varied Delays

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1 [main] INFO Election - Starting test 3: 1 Proposer, delays & responsiveness are varied.
2 [main] INFO Election - M1 started listening on port 5001...
3 [main] INFO Election - M2 started listening on port 5002...
4 [main] INFO Election - M3 started listening on port 5003...
5 [main] INFO Election - M4 started listening on port 5004...
6 [main] INFO Election - M5 started listening on port 5005...
7 [main] INFO Election - M6 started listening on port 5006...
8 [main] INFO Election - M7 started listening on port 5007...
9 [main] INFO Election - M8 started listening on port 5008...
10 [main] INFO Election - M9 started listening on port 5009...
11 Member M6 broadcasting PREPARE message, proposal number: 1853333544
12 [Thread-0] WARN Election - M1 is not responding.
13 [pool-1-thread-1] INFO Election - Current max proposal of M2: 1853333544
14 [pool-1-thread-1] INFO Election - M2 sending PROMISE message to M6, proposal number: 1853333544
15 [Thread-3] WARN Election - M3 is not responding.
16 [pool-1-thread-2] INFO Election - M6 received PROMISE message from M2, with candidate: null
17 [pool-1-thread-3] INFO Election - Current max proposal of M4: 1853333544
18 [pool-1-thread-3] INFO Election - M4 sending PROMISE message to M6, proposal number: 1853333544
19 [pool-1-thread-5] INFO Election - Current max proposal of M7: 1853333544
20 [pool-1-thread-5] INFO Election - M7 sending PROMISE message to M6, proposal number: 1853333544
21 [pool-1-thread-4] INFO Election - Current max proposal of M5: 1853333544
22 [pool-1-thread-4] INFO Election - M5 sending PROMISE message to M6, proposal number: 1853333544
23 [pool-1-thread-10] INFO Election - Current max proposal of M9: 1853333544
24 [pool-1-thread-10] INFO Election - M9 sending PROMISE message to M6, proposal number: 1853333544
25 [pool-1-thread-6] INFO Election - Current max proposal of M8: 1853333544
26 [pool-1-thread-6] INFO Election - M8 sending PROMISE message to M6, proposal number: 1853333544
27 [pool-1-thread-7] INFO Election - M6 received PROMISE message from M4, with candidate: null
28 [pool-1-thread-8] INFO Election - M6 received PROMISE message from M7, with candidate: null
29 [pool-1-thread-9] INFO Election - M6 received PROMISE message from M5, with candidate: null
30 [pool-1-thread-1] INFO Election - M6 received PROMISE message from M9, with candidate: null
31 [pool-1-thread-1] INFO Election - Current candidate: M1
32 [pool-1-thread-1] INFO Election - M6 selected candidate M1 for proposal.
33 [pool-1-thread-1] INFO Election - Member: M6, Proposal: 1853333544, Candidate: M1
34 [pool-1-thread-1] INFO Election - M6 broadcasting PROPOSE message, proposal number: 1853333544, candidate: M1
35 [pool-1-thread-3] INFO Election - M2 sending ACCEPT message to M6, proposal number: 1853333544, candidate: M1
36 [pool-1-thread-4] INFO Election - M4 sending ACCEPT message to M6, proposal number: 1853333544, candidate: M1
37 [pool-1-thread-8] INFO Election - M7 sending ACCEPT message to M6, proposal number: 1853333544, candidate: M1
38 [pool-1-thread-7] INFO Election - M5 sending ACCEPT message to M6, proposal number: 1853333544, candidate: M1
39 [pool-1-thread-2] INFO Election - M6 received PROMISE message from M8, with candidate: null
40 [pool-1-thread-10] INFO Election - M9 sending ACCEPT message to M6, proposal number: 1853333544, candidate: M1
41 [pool-1-thread-5] INFO Election -
42
43 Consensus reached on proposal: 1853333544, candidate: M1!
```


Test 4: Two Proposers, Varied Delays

```
1 [main] INFO Election - Starting test 4: 2 Proposers, delays & responsiveness are varied.
2 [main] INFO Election - M1 started listening on port 5001...
3 [main] INFO Election - M2 started listening on port 5002...
4 [main] INFO Election - M3 started listening on port 5003...
5 [main] INFO Election - M4 started listening on port 5004...
6 [main] INFO Election - M5 started listening on port 5005...
7 [main] INFO Election - M6 started listening on port 5006...
8 [main] INFO Election - M7 started listening on port 5007...
9 [main] INFO Election - M8 started listening on port 5008...
10 [main] INFO Election - M9 started listening on port 5009...
11 Member M1 broadcasting PREPARE message, proposal number: 1853361450
12 Member M6 broadcasting PREPARE message, proposal number: 1853361455
13 [Thread-1] WARN Election - M1 is not responding.
14 [Thread-3] WARN Election - M3 is not responding.
15 [Thread-2] WARN Election - M2 is not responding.
16 [pool-1-thread-3] INFO Election - Current max proposal of M3: 1853361455
17 [pool-1-thread-3] INFO Election - M3 sending PROMISE message to M6, proposal number: 1853361455
18 [pool-1-thread-2] INFO Election - Current max proposal of M4: 1853361450
19 [pool-1-thread-2] INFO Election - M4 sending PROMISE message to M1, proposal number: 1853361450
20 [pool-1-thread-9] INFO Election - M1 received PROMISE message from M4, with candidate: null
21 [pool-1-thread-4] INFO Election - M6 received PROMISE message from M3, with candidate: null
22 [pool-1-thread-5] INFO Election - Current max proposal of M4: 1853361455
23 [pool-1-thread-5] INFO Election - M4 sending PROMISE message to M6, proposal number: 1853361455
24 [pool-1-thread-1] INFO Election - Current max proposal of M2: 1853361450
25 [pool-1-thread-1] INFO Election - M2 sending PROMISE message to M1, proposal number: 1853361450
26 [pool-1-thread-4] INFO Election - M1 received PROMISE message from M2, with candidate: null
27 [pool-1-thread-6] INFO Election - Current max proposal of M5: 1853361450
28 [pool-1-thread-6] INFO Election - M5 sending PROMISE message to M1, proposal number: 1853361450
29 [pool-1-thread-2] INFO Election - M1 received PROMISE message from M5, with candidate: null
30 [pool-1-thread-7] INFO Election - Current max proposal of M6: 1853361450
31 [pool-1-thread-7] INFO Election - M6 sending PROMISE message to M1, proposal number: 1853361450
32 [pool-1-thread-4] INFO Election - M1 received PROMISE message from M6, with candidate: null
33 [pool-1-thread-8] INFO Election - Current max proposal of M5: 1853361455
34 [pool-1-thread-8] INFO Election - M5 sending PROMISE message to M6, proposal number: 1853361455
35 [pool-1-thread-3] INFO Election - M6 received PROMISE message from M4, with candidate: null
36 [pool-1-thread-9] INFO Election - Current max proposal of M7: 1853361450
37 [pool-1-thread-9] INFO Election - M7 sending PROMISE message to M1, proposal number: 1853361450
38 [pool-1-thread-7] INFO Election - M1 received PROMISE message from M7, with candidate: null
39 [pool-1-thread-7] INFO Election - Current candidate: M1
40 [pool-1-thread-7] INFO Election - M1 selected candidate M1 for proposal.
41 [pool-1-thread-7] INFO Election - Member: M1, Proposal: 1853361450, Candidate: M1
42 [pool-1-thread-7] INFO Election - M1 broadcasting PROPOSE message, proposal number: 1853361450, candidate: M1
43 [Thread-24] WARN Election - M2 is not responding.
44 [pool-1-thread-2] INFO Election - Current max proposal of M8: 1853361450
45 [pool-1-thread-2] INFO Election - M8 sending PROMISE message to M1, proposal number: 1853361450
46 [pool-1-thread-4] INFO Election - M6 received PROMISE message from M5, with candidate: null
47 [pool-1-thread-1] INFO Election - Current max proposal of M9: 1853361450
48 [pool-1-thread-1] INFO Election - M9 sending PROMISE message to M1, proposal number: 1853361450
49 [pool-1-thread-10] INFO Election - Current max proposal of M7: 1853361455
50 [pool-1-thread-10] INFO Election - M7 sending PROMISE message to M6, proposal number: 1853361455
51 [pool-1-thread-5] INFO Election - Current max proposal of M8: 1853361455
52 [pool-1-thread-5] INFO Election - M8 sending PROMISE message to M6, proposal number: 1853361455
53 [pool-1-thread-6] INFO Election - Current max proposal of M9: 1853361455
54 [pool-1-thread-6] INFO Election - M9 sending PROMISE message to M6, proposal number: 1853361455
55 [pool-1-thread-4] INFO Election - M6 received PROMISE message from M7, with candidate: null
56 [pool-1-thread-9] INFO Election - M4 sending FAIL message to M1, proposal number: 1853361455
57 [Thread-33] WARN Election - M1 is not responding.
58 [pool-1-thread-1] INFO Election - M6 received PROMISE message from M8, with candidate: null
59 [pool-1-thread-1] INFO Election - Current candidate: M2
60 [pool-1-thread-1] INFO Election - M6 selected candidate M2 for proposal.
61 [pool-1-thread-1] INFO Election - Member: M6, Proposal: 1853361455, Candidate: M2
62 [pool-1-thread-1] INFO Election - M6 broadcasting PROPOSE message, proposal number: 1853361455, candidate: M2
63 [pool-1-thread-5] INFO Election - M3 sending ACCEPT message to M6, proposal number: 1853361455, candidate: M2
64 [pool-1-thread-10] INFO Election - M5 sending FAIL message to M1, proposal number: 1853361455
65 [Thread-38] WARN Election - M1 is not responding.
66 [pool-1-thread-4] INFO Election - M6 sending ACCEPT message to M1, proposal number: 1853361450, candidate: M1
67 [pool-1-thread-8] INFO Election - M1 received PROMISE message from M8, with candidate: null
68 [pool-1-thread-3] INFO Election - M1 received PROMISE message from M9, with candidate: null
69 [pool-1-thread-5] INFO Election - M4 sending ACCEPT message to M6, proposal number: 1853361455, candidate: M2
70 [pool-1-thread-9] INFO Election - M7 sending FAIL message to M1, proposal number: 1853361455
71 [Thread-43] WARN Election - M1 is not responding.
72 [pool-1-thread-8] INFO Election - M5 sending ACCEPT message to M6, proposal number: 1853361455, candidate: M2
73 [pool-1-thread-2] INFO Election - M6 received PROMISE message from M9, with candidate: null
74 [pool-1-thread-3] INFO Election - M7 sending ACCEPT message to M6, proposal number: 1853361455, candidate: M2
75 [pool-1-thread-6] INFO Election - M8 sending ACCEPT message to M6, proposal number: 1853361455, candidate: M2
76 [pool-1-thread-5] INFO Election -
77
78 Consensus reached on proposal: 1853361455, candidate: M2!
```


Test 5: Three Proposers, Varied Delays

```
1 [main] INFO Election - Starting test 5: 3 Proposers, delays & responsiveness are varied.
2 [main] INFO Election - M1 started listening on port 5001...
3 [main] INFO Election - M2 started listening on port 5002...
4 [main] INFO Election - M3 started listening on port 5003...
5 [main] INFO Election - M4 started listening on port 5004...
6 [main] INFO Election - M5 started listening on port 5005...
7 [main] INFO Election - M6 started listening on port 5006...
8 [main] INFO Election - M7 started listening on port 5007...
9 [main] INFO Election - M8 started listening on port 5008...
10 [main] INFO Election - M9 started listening on port 5009...
11 Member M6 broadcasting PREPARE message, proposal number: 1853407351
12 Member M1 broadcasting PREPARE message, proposal number: 1853407345
13 Member M9 broadcasting PREPARE message, proposal number: 1853407355
14 [pool-1-thread-1] INFO Election - Current max proposal of M2: 1853407345
15 [pool-1-thread-2] INFO Election - Current max proposal of M1: 1853407351
16 [pool-1-thread-1] INFO Election - M2 sending PROMISE message to M1, proposal number: 1853407345
17 [pool-1-thread-2] INFO Election - M1 sending PROMISE message to M6, proposal number: 1853407351
18 [Thread-4] WARN Election - M1 is not responding.
19 [Thread-5] WARN Election - M3 is not responding.
20 [pool-1-thread-6] INFO Election - Current max proposal of M2: 1853407351
21 [pool-1-thread-3] INFO Election - Current max proposal of M1: 1853407355
22 [pool-1-thread-6] INFO Election - M2 sending PROMISE message to M6, proposal number: 1853407351
23 [pool-1-thread-3] INFO Election - M1 sending PROMISE message to M9, proposal number: 1853407355
24 [pool-1-thread-4] INFO Election - M6 received PROMISE message from M1, with candidate: null
25 [Thread-10] WARN Election - M3 is not responding.
26 [Thread-12] WARN Election - M3 is not responding.
27 [pool-1-thread-5] INFO Election - Current max proposal of M2: 1853407355
28 [pool-1-thread-5] INFO Election - M2 sending PROMISE message to M9, proposal number: 1853407355
29 [pool-1-thread-7] INFO Election - M6 received PROMISE message from M2, with candidate: null
30 [pool-1-thread-9] INFO Election - Current max proposal of M4: 1853407345
31 [pool-1-thread-9] INFO Election - M4 sending PROMISE message to M1, proposal number: 1853407345
32 [pool-1-thread-2] INFO Election - Current max proposal of M5: 1853407345
33 [pool-1-thread-2] INFO Election - M5 sending PROMISE message to M1, proposal number: 1853407345
34 [Thread-20] WARN Election - M1 is not responding.
35 [Thread-21] WARN Election - M1 is not responding.
36 [pool-1-thread-8] INFO Election - M9 received PROMISE message from M1, with candidate: null
37 [pool-1-thread-4] INFO Election - Current max proposal of M4: 1853407355
38 [pool-1-thread-6] INFO Election - Current max proposal of M5: 1853407355
39 [pool-1-thread-3] INFO Election - Current max proposal of M6: 1853407345
40 [pool-1-thread-6] INFO Election - M5 sending PROMISE message to M9, proposal number: 1853407355
41 [pool-1-thread-4] INFO Election - M4 sending PROMISE message to M9, proposal number: 1853407355
42 [pool-1-thread-3] INFO Election - M6 sending PROMISE message to M1, proposal number: 1853407345
43 [Thread-26] WARN Election - M1 is not responding.
44 [pool-1-thread-10] INFO Election - M9 received PROMISE message from M2, with candidate: null
45 [pool-1-thread-9] INFO Election - Current max proposal of M6: 1853407355
46 [pool-1-thread-9] INFO Election - M6 sending PROMISE message to M9, proposal number: 1853407355
47 [pool-1-thread-7] INFO Election - M5 rejecting lower proposal: 1853407351
48 [pool-1-thread-1] INFO Election - M4 rejecting lower proposal: 1853407351
49 [pool-1-thread-1] INFO Election - M4 sending FAIL message to M6, proposal number: 1853407355
50 [pool-1-thread-7] INFO Election - M5 sending FAIL message to M6, proposal number: 1853407355
51 [pool-1-thread-5] INFO Election - Current max proposal of M7: 1853407345
52 [pool-1-thread-5] INFO Election - M7 sending PROMISE message to M1, proposal number: 1853407345
53 [Thread-34] WARN Election - M1 is not responding.
54 [pool-1-thread-2] INFO Election - M9 received PROMISE message from M5, with candidate: null
55 [pool-1-thread-3] INFO Election - Current max proposal of M8: 1853407345
56 [pool-1-thread-3] INFO Election - M8 sending PROMISE message to M1, proposal number: 1853407345
57 [pool-1-thread-8] INFO Election - Current max proposal of M7: 1853407351
58 [pool-1-thread-8] INFO Election - M7 sending PROMISE message to M6, proposal number: 1853407351
59 [pool-1-thread-1] ERROR Election - M6 received a Fail message from M4
60 [pool-1-thread-7] ERROR Election - M6 received a Fail message from M5
61 [pool-1-thread-10] INFO Election - M9 received PROMISE message from M4, with candidate: null
62 [pool-1-thread-10] INFO Election - M1 received PROMISE message from M8, with candidate: null
63 [pool-1-thread-6] INFO Election - M9 received PROMISE message from M6, with candidate: null
64 [pool-1-thread-6] INFO Election - Current candidate: M2
65 [pool-1-thread-9] INFO Election - Current max proposal of M7: 1853407355
66 [pool-1-thread-7] INFO Election - M6 received PROMISE message from M7, with candidate: null
67 [pool-1-thread-4] INFO Election - Current max proposal of M8: 1853407351
68 [pool-1-thread-6] INFO Election - M9 selected candidate M2 for proposal.
69 [pool-1-thread-9] INFO Election - M7 sending PROMISE message to M9, proposal number: 1853407355
70 [pool-1-thread-4] INFO Election - M8 sending PROMISE message to M6, proposal number: 1853407351
71 [pool-1-thread-6] INFO Election - Member: M9, Proposal: 1853407355, Candidate: M2
72 [pool-1-thread-6] INFO Election - M9 broadcasting PROPOSE message, proposal number: 1853407355, candidate: M2
73 [pool-1-thread-3] INFO Election - M1 sending ACCEPT message to M9, proposal number: 1853407355, candidate: M2
74 [pool-1-thread-5] INFO Election - Current max proposal of M8: 1853407355
75 [pool-1-thread-5] INFO Election - M8 sending PROMISE message to M9, proposal number: 1853407355
76 [pool-1-thread-10] INFO Election - M6 received PROMISE message from M8, with candidate: null
77 [pool-1-thread-9] INFO Election - M2 sending ACCEPT message to M9, proposal number: 1853407355, candidate: M2
78 [pool-1-thread-2] INFO Election - Current max proposal of M9: 1853407351
79 [pool-1-thread-2] INFO Election - M9 sending PROMISE message to M6, proposal number: 1853407351
80 [pool-1-thread-1] INFO Election - M9 rejecting lower proposal: 1853407345
81 [pool-1-thread-1] INFO Election - M9 sending FAIL message to M1, proposal number: 1853407351
82 [pool-1-thread-3] INFO Election - M6 received PROMISE message from M9, with candidate: null
83 [pool-1-thread-3] INFO Election - Current candidate: M3
84 [pool-1-thread-3] INFO Election - M6 selected candidate M3 for proposal.
85 [pool-1-thread-3] INFO Election - Member: M6, Proposal: 1853407351, Candidate: M3
86 [pool-1-thread-3] INFO Election - M6 broadcasting PROPOSE message, proposal number: 1853407351, candidate: M3
87 [pool-1-thread-9] ERROR Election - M1 received a Fail message from M9
88 [Thread-50] WARN Election - M1 is not responding.
89 [pool-1-thread-9] INFO Election - M2 sending FAIL message to M6, proposal number: 1853407355
90 [pool-1-thread-5] INFO Election - M4 sending ACCEPT message to M9, proposal number: 1853407355, candidate: M2
91 [pool-1-thread-2] INFO Election - M5 sending ACCEPT message to M9, proposal number: 1853407355, candidate: M2
92 [pool-1-thread-1] ERROR Election - M6 received a Fail message from M2
93 [pool-1-thread-4] INFO Election - M9 received PROMISE message from M8, with candidate: null
94 [pool-1-thread-10] INFO Election - M6 sending ACCEPT message to M9, proposal number: 1853407355, candidate: M2
95 [pool-1-thread-8] INFO Election - M9 received PROMISE message from M7, with candidate: null
96 [pool-1-thread-1] INFO Election - M7 sending FAIL message to M6, proposal number: 1853407355
97 [pool-1-thread-6] INFO Election - M8 sending FAIL message to M6, proposal number: 1853407355
98 [pool-1-thread-4] ERROR Election - M6 received a Fail message from M7
99 [pool-1-thread-5] INFO Election -
100
101 Consensus reached on proposal: 1853407355, candidate: M2!
```