

Test Case Report

Test case: Diagnosis - Scenario 2 (CLRPC)

Result: **Fail**

Test case description:

Testcase Diagnosis: The diagnosis functionality of the Pdev is tested with this test case.

General Information:

Date

Date 26.06.2025

Time 16:21

Automated RT Tester

Version 2.45.0.2

ETS Firmware-Version 2.44.4.2

Project Name 250625_ABB_Ekip COM Profinet_ETS_V2.45.0

Test case

Version 6.0.0

Device

Vendor ID 0x026B

Device ID 0x0101

Mac Address AC:D3:64:00:10:01

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Automated RT Tester 2.45.0.2

Test Execution

Number of Errors: 2

Failures

1	16:19:54: Second Scenario: Diagnosis with CheckLinkState
2	16:19:54: Diagnosis with CheckLinkState Test step 11: Exactly one alarm shall occure. There was none.
3	16:21:12: Second Scenario: Diagnosis with CheckPeers
4	16:21:12: Diagnosis with CheckPeers Test step 11: Exactly one alarm shall occure. There was none.

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Test Execution Log

1	16:17:36: Diagnosis with CheckMauType Second Scenario: Diagnosis with CheckMauType
2	16:17:36: Performing a power cycle of the DUT.
3	16:18:06: Diagnosis with CheckMauType Test step 1: Switch the DUT off and on again.
4	16:18:42: Diagnosis with CheckMauType Test step 2: Prepare the DUT for the test run.
5	16:18:42: Diagnosis with CheckMauType Test step 3: CheckMauType: Check Precondition
6	16:18:42: Precondition is NOT fulfilled, so subtest is skipped.
7	16:18:44: Diagnosis with CheckLinkState Second Scenario: Diagnosis with CheckLinkState
8	16:18:44: Performing a power cycle of the DUT.
9	16:19:14: Diagnosis with CheckLinkState Test step 1: Switch the DUT off and on again.
10	16:19:50: Diagnosis with CheckLinkState Test step 2: Prepare the DUT for the test run.
11	16:19:50: Diagnosis with CheckLinkState Test step 3: CheckLinkState: Check Precondition
12	16:19:50: Diagnosis with CheckLinkState Test step 4: CheckLinkState: Establish IOC-AR. PDPorDataCheck with CheckPeers shall also be written while parametrization with correct data to the port connected to neighbor 'D'.
13	16:19:50: Diagnosis with CheckLinkState Test step 5: CheckLinkState: PDPorDataCheck validation.
14	16:19:50: Diagnosis with CheckLinkState Test step 6: CheckLinkState: ModuleDiffBlock validation.
15	16:19:50: Diagnosis with CheckLinkState Test step 7: CheckLinkState: DataStatus validation.
16	16:19:51: Diagnosis with CheckLinkState Test step 8: CheckLinkState: Diagnosis validation.
17	16:19:51: Diagnosis with CheckLinkState Test step 9: CheckLinkState: Set Link of Interface 2 to LinkState down.
18	16:19:51: Diagnosis with CheckLinkState Test step 10: CheckLinkState: Alarm validation.
19	16:19:54: Diagnosis with CheckLinkState Test step 11: Exactly one alarm shall occur. There was none.
20	16:20:02: Diagnosis with CheckPeers Second Scenario: Diagnosis with CheckPeers
21	16:20:02: Performing a power cycle of the DUT.
22	16:20:32: Diagnosis with CheckPeers Test step 1: Switch the DUT off and on again.

23	16:21:07: Diagnosis with CheckPeers Test step 2: Prepare the DUT for the test run.
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24	16:21:08: Diagnosis with CheckPeers Test step 3: CheckPeers: Check Precondition
25	16:21:08: Diagnosis with CheckPeers Test step 4: CheckPeers: Establish IOC-AR. PDPorDataCheck with CheckPeers shall also be written while parametrization with correct data to the port connected to neighbor 'D'.
26	16:21:08: Diagnosis with CheckPeers Test step 5: CheckPeers: PDPorDataCheck validation.
27	16:21:08: Diagnosis with CheckPeers Test step 6: CheckPeers: ModuleDiffBlock validation.
28	16:21:08: Diagnosis with CheckPeers Test step 7: CheckPeers: DataStatus validation.
29	16:21:09: Diagnosis with CheckPeers Test step 8: CheckPeers: Diagnosis validation.
30	16:21:09: Diagnosis with CheckPeers Test step 9: CheckPeers: Set Link of Interface 2 to LinkState down.
31	16:21:09: Diagnosis with CheckPeers Test step 10: CheckPeers: Alarm validation.
32	16:21:12: Diagnosis with CheckPeers Test step 11: Exactly one alarm shall occure. There was none.

