Test Case Report

Test case: AR-ASE

Result: Fail

Test case description:

The establishing of different AR types and multiple ARs is tested. Also tested is the ownership behavior, changing ownership and checking of the resources.

General Information

Date

Date	31.10.2016
Time	16:39

Automated RT Tester

Version	2.33.2.10
Project Name	NRP52_2016_10_21

Test case

Version	1.0.0

Device

Vendor ID	0x011E
Device ID	0x011E
Mac Address	00:02:A2:32:A4:84

Test Execution

Number of Errors   1

Failures

1	**16:39:22: Multiple IOC-ARs (PDev excluded)**
2	16:39:22: Multiple IOC-ARs (PDev excluded): Not every submodule in the engineering has send a Release Alarm
3	16:39:22: Multiple IOC-ARs (PDev excluded): Not every submodule in the engineering has send a Release Alarm

Test Execution Log

1	16:38:13: Prepare DUT name and ip address.
2	16:38:14: First Scenario: Multiple ARs reading the same Record Data: Check Precondition
3	16:38:14: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR without running IOC-AR started.
4	16:38:14: DeviceAccess-AR without running IOC-AR: The DUT is switched OFF and ON
5	16:38:55: DeviceAccess-AR without running IOC-AR: Establish DeviceAccess-AR
6	16:38:56: DeviceAccess-AR without running IOC-AR: Record Data Read
7	16:38:56: DeviceAccess-AR without running IOC-AR: Release AR
8	16:38:56: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR with running IOC-AR started.
9	16:38:56: DeviceAccess-AR with running IOC-AR: Establish IOC-AR
10	16:38:57: DeviceAccess-AR with running IOC-AR: ModuleDiffBlock validation
11	16:38:57: DeviceAccess-AR with running IOC-AR: Establish DeviceAccess-AR
12	16:38:58: DeviceAccess-AR with running IOC-AR: Record Data Read
13	16:38:58: DeviceAccess-AR with running IOC-AR: Release AR
14	16:38:58: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR and ImplicitRead started.
15	16:38:58: DeviceAccess-AR and ImplicitRead: Establish DeviceAccess-AR
16	16:38:59: DeviceAccess-AR and ImplicitRead: Record Data Read
17	16:39:00: DeviceAccess-AR and ImplicitRead: Release AR
18	16:39:00: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - More than one DeviceAccess-AR started.
19	16:39:00: More than one DeviceAccess-AR: Establish DeviceAccess-AR
20	16:39:01: More than one DeviceAccess-AR: Establish more DeviceAccess-ARs
21	16:39:01: More than one DeviceAccess-AR: Number of open ARs validation
22	16:39:01: More than one DeviceAccess-AR: Record Data Read
23	16:39:01: More than one DeviceAccess-AR: Release AR
24	16:39:01: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Behavior to a not supported second AR started.

25	16:39:01: Behavior to a not supported second AR: Check Precondition
26	16:39:01: Behavior to a not supported second AR: This testcase part was skipped because the precondition was not fulfilled.
27	16:39:01: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Shared Device started.
28	16:39:01: Shared Device: Check Precondition
29	16:39:01: Shared Device: Establish IOC-AR
30	16:39:02: Shared Device: Establish second IOC-AR
31	16:39:03: Shared Device: Record Data Read
32	16:39:03: Shared Device: Stop maintaining the second IOC-AR
33	16:39:03: Shared Device: Record Data Read
34	16:39:03: Shared Device: Release AR
35	16:39:03: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Multiple IOC-ARs (PDev included) started.
36	16:39:03: Multiple IOC-ARs (PDev included): Check Precondition
37	16:39:03: Multiple IOC-ARs (PDev included): Establish IOC-AR
38	16:39:04: Multiple IOC-ARs (PDev included): Establish second IOC-AR
39	16:39:05: Multiple IOC-ARs (PDev included): ModuleDiffBlock validation
40	16:39:05: Multiple IOC-ARs (PDev included): Establish more IOC-ARs and validate the ModuleDiffBlock
41	16:39:07: Multiple IOC-ARs (PDev included): Number of open ARs validation
42	16:39:07: Multiple IOC-ARs (PDev included): IOxS validation
43	16:39:08: Multiple IOC-ARs (PDev included): Record Data Write
44	16:39:08: Multiple IOC-ARs (PDev included): Record Data Read
45	16:39:08: Multiple IOC-ARs (PDev included): Release AR and check the takeover of the submodules
46	16:39:16: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Multiple IOC-ARs (PDev excluded) started.
47	16:39:16: Multiple IOC-ARs (PDev excluded): Check Precondition
48	16:39:16: Multiple IOC-ARs (PDev excluded): Establish IOC-AR
49	16:39:17: Multiple IOC-ARs (PDev excluded): Establish second IOC-AR
50	16:39:18: Multiple IOC-ARs (PDev excluded): ModuleDiffBlock validation
51	16:39:18: Multiple IOC-ARs (PDev excluded): Establish more IOC-ARs and validate the ModuleDiffBlock
52	16:39:20: Multiple IOC-ARs (PDev excluded): Number of open ARs validation
53	16:39:20: Multiple IOC-ARs (PDev excluded): IOxS validation
54	16:39:21: Multiple IOC-ARs (PDev excluded): Record Data Write
55	16:39:21: Multiple IOC-ARs (PDev excluded): Record Data Read
56	16:39:21: Multiple IOC-ARs (PDev excluded): Release AR and check the takeover of the submodules
57	16:39:22: Multiple IOC-ARs (PDev excluded): Not every submodule in the engineering has send a Release Alarm
58	16:39:22: Multiple IOC-ARs (PDev excluded): Aborted due to errors.
59	16:39:22: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Shared Inputs started.

60	16:39:22: Shared Inputs: Check Precondition
61	16:39:22: Shared Inputs: Establish IOC-AR
62	16:39:23: Shared Inputs: Establish second IOC-AR
63	16:39:23: Shared Inputs: This testcase part was skipped because the precondition was not fulfilled.
64	16:39:23: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver not allowed started.
65	16:39:23: SV-Connect with TakeOver not allowed: Check Precondition
66	16:39:23: SV-Connect with TakeOver not allowed: Establish IOC-AR
67	16:39:24: SV-Connect with TakeOver not allowed: Establish IOS-AR
68	16:39:24: SV-Connect with TakeOver not allowed: The IOS-AR was rejected because the precondition was not fulfilled. This part of the testcase is passed
69	16:39:24: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver allowed (Including PDev) started.
70	16:39:24: SV-Connect with TakeOver allowed (Including PDev): Check Precondition
71	16:39:24: SV-Connect with TakeOver allowed (Including PDev): Establish IOC-AR
72	16:39:25: SV-Connect with TakeOver allowed (Including PDev): Establish IOS-AR
73	16:39:25: SV-Connect with TakeOver allowed (Including PDev): The IOS-AR was rejected because the precondition was not fulfilled. This part of the testcase is passed
74	16:39:25: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver allowed (Excluding PDev) started.
75	16:39:25: SV-Connect with TakeOver allowed (Excluding PDev): Check Precondition
76	16:39:25: SV-Connect with TakeOver allowed (Excluding PDev): Establish IOC-AR
77	16:39:26: SV-Connect with TakeOver allowed (Excluding PDev): Establish IOS-AR
78	16:39:26: SV-Connect with TakeOver allowed (Excluding PDev): The IOS-AR was rejected because the precondition was not fulfilled. This part of the testcase is passed
79	16:39:26: AR-ASE-Test: Third scenario: Delete NameOfStation started.
80	16:39:26: Third scenario: Delete NameOfStation: Establish IOC-AR
81	16:39:27: Third scenario: Delete NameOfStation: IOxS check
82	16:39:27: Third scenario: Delete NameOfStation: Delete NameOfStation
83	16:39:29: Third scenario: Delete NameOfStation: Alarm Validation
84	16:39:29: Third scenario: Delete NameOfStation: Send IdentifyAll Request
85	16:39:30: Third scenario: Delete NameOfStation: Set NameOfStation
86	16:39:33: Third scenario: Delete NameOfStation: Establish IOC-AR
87	16:39:34: Third scenario: Delete NameOfStation: IOxS check
88	16:39:34: Third scenario: Delete NameOfStation: Send ResetToFactory
89	16:39:36: Third scenario: Delete NameOfStation: Alarm Validation
90	16:39:36: Third scenario: Delete NameOfStation: Send IdentifyAll Request
91	16:39:37: Third scenario: Delete NameOfStation: Set NameOfStation
92	16:39:42: Third scenario: Delete NameOfStation: Establish IOC-AR
93	16:39:44: Third scenario: Delete NameOfStation: Try to release the third AR with the UUID from the second one.
94	16:39:44: Third scenario: Delete NameOfStation: AR maintenance check
95	16:39:44: Third scenario: Delete NameOfStation: Release AR