

Test Case Report

Test case: AR-ASE

Result: **Pass**

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 01.11.2016

Time 11:20

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 0

Test Execution Log

1	11:18:36: Prepare DUT name and ip address.
2	11:18:41: First Scenario: Multiple ARs reading the same Record Data: Check Precondition
3	11:18:41: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR without running IOC-AR started.
4	11:18:41: DeviceAccess-AR without running IOC-AR: The DUT is switched OFF and ON
5	11:19:23: DeviceAccess-AR without running IOC-AR: Establish DeviceAccess-AR
6	11:19:24: DeviceAccess-AR without running IOC-AR: Record Data Read
7	11:19:24: DeviceAccess-AR without running IOC-AR: Release AR
8	11:19:24: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR with running IOC-AR started.
9	11:19:24: DeviceAccess-AR with running IOC-AR: Establish IOC-AR
10	11:19:25: DeviceAccess-AR with running IOC-AR: ModuleDiffBlock validation
11	11:19:25: DeviceAccess-AR with running IOC-AR: Establish DeviceAccess-AR
12	11:19:26: DeviceAccess-AR with running IOC-AR: Record Data Read
13	11:19:26: DeviceAccess-AR with running IOC-AR: Release AR
14	11:19:26: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR and ImplicitRead started.
15	11:19:26: DeviceAccess-AR and ImplicitRead: Establish DeviceAccess-AR
16	11:19:27: DeviceAccess-AR and ImplicitRead: Record Data Read
17	11:19:27: DeviceAccess-AR and ImplicitRead: Release AR
18	11:19:27: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - More than one DeviceAccess-AR started.
19	11:19:27: More than one DeviceAccess-AR: Establish DeviceAccess-AR
20	11:19:28: More than one DeviceAccess-AR: Establish more DeviceAccess-ARs
21	11:19:28: More than one DeviceAccess-AR: Number of open ARs validation
22	11:19:28: More than one DeviceAccess-AR: Record Data Read
23	11:19:28: More than one DeviceAccess-AR: Release AR
24	11:19:28: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Behavior to a not supported second AR started.
25	11:19:28: Behavior to a not supported second AR: Check Precondition
26	11:19:28: Behavior to a not supported second AR: This testcase part was skipped because the precondition was not fulfilled.
27	11:19:28: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Shared Device started.
28	11:19:28: Shared Device: Check Precondition

29	11:19:28: Shared Device: Establish IOC-AR
30	11:19:29: Shared Device: Establish second IOC-AR
31	11:19:30: Shared Device: Record Data Read
32	11:19:30: Shared Device: Stop maintaining the second IOC-AR
33	11:19:31: Shared Device: Record Data Read
34	11:19:31: Shared Device: Release AR
35	11:19:31: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Multiple IOC-ARs (PDev included) started.
36	11:19:31: Multiple IOC-ARs (PDev included): Check Precondition
37	11:19:31: Multiple IOC-ARs (PDev included): Establish IOC-AR
38	11:19:32: Multiple IOC-ARs (PDev included): Establish second IOC-AR
39	11:19:33: Multiple IOC-ARs (PDev included): ModuleDiffBlock validation
40	11:19:33: Multiple IOC-ARs (PDev included): Establish more IOC-ARs and validate the ModuleDiffBlock
41	11:19:35: Multiple IOC-ARs (PDev included): Number of open ARs validation
42	11:19:35: Multiple IOC-ARs (PDev included): IOxS validation
43	11:19:36: Multiple IOC-ARs (PDev included): Record Data Write
44	11:19:36: Multiple IOC-ARs (PDev included): Record Data Read
45	11:19:36: Multiple IOC-ARs (PDev included): Release AR and check the takeover of the submodules
46	11:19:44: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Multiple IOC-ARs (PDev excluded) started.
47	11:19:44: Multiple IOC-ARs (PDev excluded): Check Precondition
48	11:19:44: Multiple IOC-ARs (PDev excluded): Establish IOC-AR
49	11:19:45: Multiple IOC-ARs (PDev excluded): Establish second IOC-AR
50	11:19:46: Multiple IOC-ARs (PDev excluded): ModuleDiffBlock validation
51	11:19:46: Multiple IOC-ARs (PDev excluded): Establish more IOC-ARs and validate the ModuleDiffBlock
52	11:19:48: Multiple IOC-ARs (PDev excluded): Number of open ARs validation
53	11:19:48: Multiple IOC-ARs (PDev excluded): IOxS validation
54	11:19:48: Multiple IOC-ARs (PDev excluded): Record Data Write
55	11:19:48: Multiple IOC-ARs (PDev excluded): Record Data Read
56	11:19:48: Multiple IOC-ARs (PDev excluded): Release AR and check the takeover of the submodules
57	11:19:55: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Shared Inputs started.
58	11:19:55: Shared Inputs: Check Precondition
59	11:19:55: Shared Inputs: Establish IOC-AR
60	11:19:56: Shared Inputs: Establish second IOC-AR
61	11:19:56: Shared Inputs: This testcase part was skipped because the precondition was not fulfilled.
62	11:19:56: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver not allowed started.
63	11:19:56: SV-Connect with TakeOver not allowed: Check Precondition
64	11:19:56: SV-Connect with TakeOver not allowed: Establish IOC-AR

65	11:19:57: SV-Connect with TakeOver not allowed: Establish IOS-AR
66	11:19:57: SV-Connect with TakeOver not allowed: The IOS-AR was rejected because the precondition was not fulfilled. This part of the testcase is passed
67	11:19:57: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver allowed (Including PDev) started.
68	11:19:57: SV-Connect with TakeOver allowed (Including PDev): Check Precondition
69	11:19:57: SV-Connect with TakeOver allowed (Including PDev): Establish IOC-AR
70	11:19:58: SV-Connect with TakeOver allowed (Including PDev): Establish IOS-AR
71	11:19:58: 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
72	11:19:58: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver allowed (Excluding PDev) started.
73	11:19:58: SV-Connect with TakeOver allowed (Excluding PDev): Check Precondition
74	11:19:58: SV-Connect with TakeOver allowed (Excluding PDev): Establish IOC-AR
75	11:20:00: SV-Connect with TakeOver allowed (Excluding PDev): Establish IOS-AR
76	11:20:00: 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
77	11:20:00: AR-ASE-Test: Third scenario: Delete NameOfStation started.
78	11:20:00: Third scenario: Delete NameOfStation: Establish IOC-AR
79	11:20:01: Third scenario: Delete NameOfStation: IOxS check
80	11:20:01: Third scenario: Delete NameOfStation: Delete NameOfStation
81	11:20:03: Third scenario: Delete NameOfStation: Alarm Validation
82	11:20:03: Third scenario: Delete NameOfStation: Send IdentifyAll Request
83	11:20:04: Third scenario: Delete NameOfStation: Set NameOfStation
84	11:20:07: Third scenario: Delete NameOfStation: Establish IOC-AR
85	11:20:08: Third scenario: Delete NameOfStation: IOxS check
86	11:20:08: Third scenario: Delete NameOfStation: Send ResetToFactory
87	11:20:10: Third scenario: Delete NameOfStation: Alarm Validation
88	11:20:10: Third scenario: Delete NameOfStation: Send IdentifyAll Request
89	11:20:11: Third scenario: Delete NameOfStation: Set NameOfStation
90	11:20:16: Third scenario: Delete NameOfStation: Establish IOC-AR
91	11:20:17: Third scenario: Delete NameOfStation: Try to release the third AR with the UUID from the second one.
92	11:20:17: Third scenario: Delete NameOfStation: AR maintenance check
93	11:20:17: Third scenario: Delete NameOfStation: Release AR