

# 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 13.10.2016

Time 13:44

### Automated RT Tester

Version 2.33.2.10

Project Name NXLOM\_51\_V2\_33

### Test case

Version 1.0.0

### Device

Vendor ID 0x011E

Device ID 0xFFFF1

Mac Address 00:02:A2:26:BE:59

## Test Execution

**Number of Errors**                      0

## Test Execution Log

1	13:43:39: Prepare DUT name and ip address.
2	13:43:40: First Scenario: Multiple ARs reading the same Record Data: Check Precondition
3	<a href="#">13:43:40: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR without running IOC-AR started.</a>
4	13:43:40: DeviceAccess-AR without running IOC-AR: The DUT is switched OFF and ON
5	13:44:18: DeviceAccess-AR without running IOC-AR: Establish DeviceAccess-AR
6	13:44:18: DeviceAccess-AR without running IOC-AR: Record Data Read
7	13:44:18: DeviceAccess-AR without running IOC-AR: Release AR
8	<a href="#">13:44:18: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR with running IOC-AR started.</a>
9	13:44:18: DeviceAccess-AR with running IOC-AR: Establish IOC-AR
10	13:44:18: DeviceAccess-AR with running IOC-AR: ModuleDiffBlock validation
11	13:44:18: DeviceAccess-AR with running IOC-AR: Establish DeviceAccess-AR
12	13:44:19: DeviceAccess-AR with running IOC-AR: Record Data Read
13	13:44:19: DeviceAccess-AR with running IOC-AR: Release AR
14	<a href="#">13:44:19: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - DeviceAccess-AR and ImplicitRead started.</a>
15	13:44:19: DeviceAccess-AR and ImplicitRead: Establish DeviceAccess-AR
16	13:44:19: DeviceAccess-AR and ImplicitRead: Record Data Read
17	13:44:20: DeviceAccess-AR and ImplicitRead: Release AR
18	<a href="#">13:44:20: AR-ASE-Test: First Scenario: Multiple ARs reading the same Record Data - More than one DeviceAccess-AR started.</a>
19	13:44:20: More than one DeviceAccess-AR: Establish DeviceAccess-AR
20	13:44:20: More than one DeviceAccess-AR: Establish more DeviceAccess-ARs
21	13:44:20: More than one DeviceAccess-AR: Number of open ARs validation
22	13:44:20: More than one DeviceAccess-AR: Record Data Read
23	13:44:20: More than one DeviceAccess-AR: Release AR
24	<a href="#">13:44:20: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Behavior to a not supported second AR started.</a>
25	13:44:20: Behavior to a not supported second AR: Check Precondition
26	13:44:20: Behavior to a not supported second AR: This testcase part was skipped because the precondition was not fulfilled.
27	<a href="#">13:44:20: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Shared Device started.</a>
28	13:44:20: Shared Device: Check Precondition

29	13:44:20: Shared Device: Establish IOC-AR
30	13:44:21: Shared Device: Establish second IOC-AR
31	13:44:21: Shared Device: Record Data Read
32	13:44:21: Shared Device: Stop maintaining the second IOC-AR
33	13:44:22: Shared Device: Record Data Read
34	13:44:22: Shared Device: Release AR
35	<a href="#">13:44:22: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Multiple IOC-ARs (PDev included) started.</a>
36	13:44:22: Multiple IOC-ARs (PDev included): Check Precondition
37	13:44:22: Multiple IOC-ARs (PDev included): Establish IOC-AR
38	13:44:22: Multiple IOC-ARs (PDev included): Establish second IOC-AR
39	13:44:23: Multiple IOC-ARs (PDev included): ModuleDiffBlock validation
40	13:44:23: Multiple IOC-ARs (PDev included): Establish more IOC-ARs and validate the ModuleDiffBlock
41	13:44:23: Multiple IOC-ARs (PDev included): Number of open ARs validation
42	13:44:23: Multiple IOC-ARs (PDev included): IOxS validation
43	13:44:23: Multiple IOC-ARs (PDev included): Record Data Write
44	13:44:23: Multiple IOC-ARs (PDev included): Record Data Read
45	13:44:23: Multiple IOC-ARs (PDev included): Release AR and check the takeover of the submodules
46	<a href="#">13:44:25: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Multiple IOC-ARs (PDev excluded) started.</a>
47	13:44:25: Multiple IOC-ARs (PDev excluded): Check Precondition
48	13:44:25: Multiple IOC-ARs (PDev excluded): Establish IOC-AR
49	13:44:26: Multiple IOC-ARs (PDev excluded): Establish second IOC-AR
50	13:44:26: Multiple IOC-ARs (PDev excluded): ModuleDiffBlock validation
51	13:44:26: Multiple IOC-ARs (PDev excluded): Establish more IOC-ARs and validate the ModuleDiffBlock
52	13:44:26: Multiple IOC-ARs (PDev excluded): Number of open ARs validation
53	13:44:26: Multiple IOC-ARs (PDev excluded): IOxS validation
54	13:44:26: Multiple IOC-ARs (PDev excluded): Record Data Write
55	13:44:26: Multiple IOC-ARs (PDev excluded): Record Data Read
56	13:44:27: Multiple IOC-ARs (PDev excluded): Release AR and check the takeover of the submodules
57	<a href="#">13:44:28: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - Shared Inputs started.</a>
58	13:44:28: Shared Inputs: Check Precondition
59	13:44:28: Shared Inputs: Establish IOC-AR
60	13:44:28: Shared Inputs: Establish second IOC-AR
61	13:44:28: Shared Inputs: This testcase part was skipped because the precondition was not fulfilled.
62	<a href="#">13:44:29: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver not allowed started.</a>
63	13:44:29: SV-Connect with TakeOver not allowed: Check Precondition
64	13:44:29: SV-Connect with TakeOver not allowed: Establish IOC-AR

65	13:44:29: SV-Connect with TakeOver not allowed: Establish IOS-AR
66	13:44:29: SV-Connect with TakeOver not allowed: ModuleDiffBlock validation
67	13:44:29: SV-Connect with TakeOver not allowed: Cyclic Data Check
68	13:44:29: SV-Connect with TakeOver not allowed: Release AR
69	<a href="#">13:44:29: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver allowed (Including PDev) started.</a>
70	13:44:29: SV-Connect with TakeOver allowed (Including PDev): Check Precondition
71	13:44:29: SV-Connect with TakeOver allowed (Including PDev): Establish IOC-AR
72	13:44:30: SV-Connect with TakeOver allowed (Including PDev): Establish IOS-AR
73	13:44:30: SV-Connect with TakeOver allowed (Including PDev): Alarm Check
74	13:44:31: SV-Connect with TakeOver allowed (Including PDev): Cyclic Data Check
75	13:44:31: SV-Connect with TakeOver allowed (Including PDev): Release IOS-AR
76	13:44:31: SV-Connect with TakeOver allowed (Including PDev): Alarm Validation
77	13:44:33: SV-Connect with TakeOver allowed (Including PDev): Release IOC-AR
78	<a href="#">13:44:33: AR-ASE-Test: Second Scenario: Multiple ARs checking ownership behavior - SV-Connect with TakeOver allowed (Excluding PDev) started.</a>
79	13:44:33: SV-Connect with TakeOver allowed (Excluding PDev): Check Precondition
80	13:44:33: SV-Connect with TakeOver allowed (Excluding PDev): Establish IOC-AR
81	13:44:34: SV-Connect with TakeOver allowed (Excluding PDev): Establish IOS-AR
82	13:44:34: SV-Connect with TakeOver allowed (Excluding PDev): Alarm Check
83	13:44:35: SV-Connect with TakeOver allowed (Excluding PDev): Cyclic Data Check
84	13:44:35: SV-Connect with TakeOver allowed (Excluding PDev): Release IOS-AR
85	13:44:35: SV-Connect with TakeOver allowed (Excluding PDev): Alarm Validation
86	13:44:36: SV-Connect with TakeOver allowed (Excluding PDev): Release IOC-AR
87	<a href="#">13:44:36: AR-ASE-Test: Third scenario: Delete NameOfStation started.</a>
88	13:44:36: Third scenario: Delete NameOfStation: Establish IOC-AR
89	13:44:37: Third scenario: Delete NameOfStation: IOxS check
90	13:44:37: Third scenario: Delete NameOfStation: Delete NameOfStation
91	13:44:39: Third scenario: Delete NameOfStation: Alarm Validation
92	13:44:39: Third scenario: Delete NameOfStation: Send IdentifyAll Request
93	13:44:40: Third scenario: Delete NameOfStation: Set NameOfStation
94	13:44:43: Third scenario: Delete NameOfStation: Establish IOC-AR
95	13:44:43: Third scenario: Delete NameOfStation: IOxS check
96	13:44:43: Third scenario: Delete NameOfStation: Send ResetToFactory
97	13:44:45: Third scenario: Delete NameOfStation: Alarm Validation
98	13:44:45: Third scenario: Delete NameOfStation: Send IdentifyAll Request
99	13:44:46: Third scenario: Delete NameOfStation: Set NameOfStation
100	13:44:51: Third scenario: Delete NameOfStation: Establish IOC-AR
101	13:44:52: Third scenario: Delete NameOfStation: Try to release the third AR with the UUID from the second one.
102	13:44:52: Third scenario: Delete NameOfStation: AR maintenance check
103	13:44:52: Third scenario: Delete NameOfStation: Release AR

