

Clarification Request

References: “e.g” Specified Tests 14.0.Final or 135.1-2013 Test-Number

Date of BTL-WG Response: 2022-01-13

Background: “e.g” Specified Tests 14.0.Final or 135.1-2013 Test-Number

From 135.1-2019:

7.3.1.2 Relinquish Default Test

Dependencies: ReadProperty Service Execution Tests, 9.18; WriteProperty Service Execution Tests, 9.22.

BACnet Reference Clauses: 12.3.16, 12.4.12, 12.7.22, 12.8.20, 12.19.14, and 12.20.13.

Purpose: To verify that the Present_Value property takes on the value of Relinquish_Default when all prioritized commands have been relinquished. This test applies to Analog Output, Analog Value, Binary Output, Binary Value, Multi-state Output, and Multi-state Value objects that are commandable.

Test Concept: A pre-requisite to this test is that an object has been provided for which all prioritized commands have been relinquished and any minimum on/off time has been accounted for. The Present_Value is compared to the value of Relinquish_Default to ensure that they are the same. If possible, the value of Relinquish_Default is changed to verify that Present_Value tracks the changes.

Configuration Requirements: The object to be tested shall be configured such that all slots in the Priority_Array have a value of NULL and no internal algorithms are issuing prioritized commands to this object.

...

Problem:

The test specification from 135.1-2019 defines a certain subset of object types that the test 7.3.1.2 can be applied to. But in the BTL testplan document the test is referenced in lots of object chapters (Analog Output, Analog Value, Binary Output, Binary Value, Multi-state Output, Multi-state Value, Bitstring Value, CharacterString Value, Date Pattern Value, Date Value, DateTime Pattern Value, DateTime Value, Integer Value, Large Analog Value, OctetString Value, Positive Integer Value, Time Pattern Value, Time Value, Access Door, Lighting Output, Binary Lighting Output).

), e.G. 3.28.3 for DateTimePatternValueObject. Many of these object types are outside the defined subset. It is not obvious whether the test can be applied to some or all of these object types without changes.

Question:

Should the test be skipped for object types outside the scope of the test specification?

Response;

No. The test purpose is overly specific and will be fixed.