

Clarification Request

Request from: "Horst Hannappel" <Horst.Hannappel@mbs-software.de>

References: BTL specified Tests 5.0 final, BTL Test Plan 9.0.final

Stage: ☒ Request, ☐ Listed, ☐ Analysis, ☐ Resolved

Actions necessitated: ☐ Checklist/Test Plan change, ☒ BTL Specified Tests change,
☐ SSPC Interpretation required, ☐ Implementation Guidelines change,

Date of BTL-WG Response: _____
☐ All actions necessitated have been completed

Background:

7.3.2.23.X2.3.10 Revision 4 Calendar Entry WeekNDay Odd-Numbered Month Test

Configuration Requirements: The IUT shall be configured to contain a Schedule object with an Exception_Schedule containing a BACnetCalendarEntry with a **WeekNDay entry specifying odd-numbered months in a specific year** and a second, lower priority, BACnetCalendarEntry with a WeekNDay entry specifying all days of the year specified in the first. The criteria for the dates used in the test are given in Table 7-7.

Question:

In several places inside the test a "WeekNDay" with a year is mentioned. Problem is, that WeekNDay does not contain any year specification. Can all those year references safely be ignored or is there a need to rewrite the test?

Same question applies to testplan 9.

Background:

A review of all tests that reference WeekNDay only this test and its sister mention a "year" conditionality.

7.3.2.23.X.3.10 Revision 4 Calendar Entry WeekNDay Odd-Numbered Month Test

Dependencies: ReadProperty Service Execution Tests, 9.18; TimeSynchronization Service Execution Tests, 9.30; UTCTimeSynchronization Service Execution Tests, 9.31.

BACnet Reference Clause: 12.24.8.

Purpose: To verify that a date matching a WeekNDay's Month field, specifying odd-numbered months (BACnetWeekNDay month enumeration value 13), in an Exception_Schedule enables the referencing Schedule object.

Test Concept: The IUT's local date and time are changed such that all months of the year are tested. The value of the Present_Value property is monitored to verify that the scheduled write operations occur.

Configuration Requirements: The IUT shall be configured to contain a Schedule object with an Exception_Schedule containing a BACnetCalendarEntry with a WeekNDay entry specifying odd-numbered months **in a specific year** and a second, lower priority, BACnetCalendarEntry with a WeekNDay entry specifying all **days of the year specified in the first**. The criteria for the dates used in the test are given in Table 7-X3.

Table 7-X3. Criteria for Calendar Entry WeekNDay Month Test Dates and Values

Date	Criteria	Value
D ₁	1. Date occurs during Effective_Period, 2A. BACnetSpecialEvent incorporates calendarEntry: WeekNDay, 2B. calendarEntry: WeekNDay: specifies odd-numbered months with a specific year (Y) , and 2C. Higher eventPriority than any coincident BACnetSpecialEvents	V ₁
D ₂	1. Date occurs during Effective_Period, 2A. BACnetSpecialEvent incorporates calendarEntry: WeekNDay, 2B. calendarEntry: WeekNDay:Month specifies all days of the year used in D₁ , and 2C. Lower eventPriority than that used for D ₁ .	V ₂ (different from V ₁)

Test Steps:

1. REPEAT X = (All months, 1-12) {
 - (TRANSMIT TimeSynchronization-Request, 'Time' = D, where month = X and year is Y)
 - | (TRANSMIT UTCTimeSynchronization-Request, 'Time' = D, where month = X and year is Y)
 - | MAKE (the local date and time = D, where month = X and year is Y)
 - WAIT Schedule Evaluation Fail Time
 - IF (X is odd) THEN
 - VERIFY Present_Value = V 1
 - ELSE
 - VERIFY Present_Value = V 2

7.3.2.23.X.3.11 Revision 4 Calendar Entry WeekNDay Even-Numbered Month Test

This test is identical to 7.3.2.23.X2.3.10, except that even-numbered months (BACnetWeekNDay month enumeration value 14) are used instead of odd-numbered months.

Response:

Yes.

The BTL will update the test to remove the confusing language.