

Clarification Request

References: BTL Specified Tests: BTL 7.3.2.21.3.2

Date of BTL-WG Response: 14-Sept-2017 & 16-Nov-2017

☒ All actions necessitated have been completed

Background:

The first step in the test, as currently written, suggests devices which can keep time but which cannot execute TimeSynchronization nor execute UTCTimeSynchronization will be acceptable if they can MAKE (the local date and time)

Test Steps:

1. (TRANSMIT TimeSynchronization-Request,
 'Time' = (any time outside the window defined by From Time and To Time in the BACnet Destination that
 corresponds to one of the valid days)) |
 (TRANSMIT UTCTimeSynchronization-Request,
 'Time' = (any time within the window defined by From Time and To Time in the BACnet Destination that corresponds to one of the valid days, converted to UTC)) |
 MAKE (the local date and time = (any time outside the window defined by From Time and To Time in the
 BACnetDestination that corresponds to one of the valid days))
2. WAIT (Time_Delay + Notification Fail Time)
3. VERIFY Event_State = NORMAL
4. IF (X is writable) THEN
 WRITE X = (a value that is OFFNORMAL)
 ELSE
 MAKE (X have a value that is OFFNORMAL)
5. WAIT (Time_Delay + Notification Fail Time)
6. CHECK (verify that no notification message was transmitted)

Problem:

Wanting to clarify that a device with Local_Date and Local_Time properties, is not required to execute TimeSynchronization nor execute UTCTimeSynchronization.

Question:

- 1) Is there any intended parallel in AE-N-I-B with the explicit mention in SCHED-I-B and SCHED-WS-I-B of requirement: "...shall also support either DM-TS-B or DM-UTC-B" (thus to execute TimeSynchronization or execute UTCTimeSynchronization)?
- 2) Does the test need to be modified?

Response:

- 1) **No. The standard does not require the execution of time synchronization services.**
- 2) **No. No modifications are necessary.**