Clarification Request

References: BTL Specified Tests-16.1.Final.pdf

Date of BTL-WG Response: September 17, 2020
⊠All actions necessitated have been completed

Background:

7.3.2.15.X9 Silenced Property Test

Purpose: This test verifies the behavior of Silenced property.

Test Concept: Verify the interrelationship between the Silenced property and any audible or visual indication that has been silenced by the receipt of a LifeSafetyOperation service request or a local process. If the Silenced property of the object under test is unchanging by means of a LifeSafetyOperation service requests, because none of the silencing operations are supported, then this test shall be omitted. This test applies to Life Safety Zone and Life Safety Point object.

The IUT will select one instance of each appropriate object type and test it as described.

Test Steps:
1. InitialSilencedState = READ Silenced
2. TRANSMIT LifeSafetyOperation-Request,
     'Requesting Process Identifier' = (any valid identifier),
     'Requesting Source' = (any valid character string),
     'Request' = (any supported LifeSafetyOperation request transmitted to silence the sounder/strobe),
     'Object Identifier' = (the selected object)
3. RECEIVE BACnet-SimpleACK-PDU
4. CHECK (Sounder/Strobe inactive)
5. ResultingSilencedState = READ Silenced
6. CHECK (the ResultingSilencedState is equal to the InitialSilencedState, modified by the LifeSafetyOperation request transmitted)

7.3.2.15.X9 Silenced Property test steps are not fulfilling the test case concept.

Above test case should be modified as per below test steps:

Configuration Requirements: In the test description below, "X" is used to designate the event-triggering property, and which make silence state to unsilenced state.

Modified Test Case:
1. InitialSilencedState = READ Silenced
2. IF (X is writable) THEN
     WRITE X = (a value that is OFFNORMAL)
ELSE
     MAKE (X have a value that is OFFNORMAL)
3. VERIFY Event_State = OFFNORMAL
3. VERIFY Silenced = Other than InitialSilencedState
4. READ Operation_Expected
2. TRANSMIT LifeSafetyOperation-Request,
     'Requesting Process Identifier' = (any valid identifier),
     'Requesting Source' = (any valid character string),

          'Request' = (any supported LifeSafetyOperation(expected operation value) request
          transmitted to silence the sounder/strobe)|
           'Object Identifier' = (the selected object)
3. RECEIVE BACnet-SimpleACK-PDU
4. CHECK (Sounder/Strobe inactive)
5. ResultingSilencedState = READ Silenced
6. CHECK (the ResultingSilencedState is equal to the InitialSilencedState, modified by the LifeSafetyOperation request

Question:

Is my interpretation correct?

Response:

Test Package does not give sufficient direction on how to apply this test. The BTL-WG will review and improve the test and/or test directives.