Clarification Request

References: "e.g" ~~Specified Tests 18.0~~ 7.3.2.X53.2

Date of BTL-WG Response: March 4, 2021

> ☒All Actions Necessitated have been Completed

Background: "e.g" ~~Specified Tests 14.0.Final or 135.1-2013 Test-Number~~

7.3.2.X53.2 Shed_Levels property test

Reason for Change: This test is not specified in any SSPC proposal.

Purpose: To verify writability of Shed_Levels property and verify that when commanded with the LEVEL choice, the Load Control object shall take a shedding action described by the corresponding element in the Shed_Level_Descriptions array.

Test Concept: The Shed_Levels property of the Load Control object being tested is written to BACnetARRAY of unsigned integers representing the shed levels for the LEVEL choice of BACnetShedLevel that have meaning for this particular Load Control object. Verify that is updating correctly. The array shall be ordered by increasing shed amount.

Test Steps:

1. READ N1 = Shed_Levels, ARRAY INDEX = 0
2. VERIFY (Shed_Level_Descriptions = N1, ARRAY INDEX = 0)
3. WRITE Shed_Levels = (any content that is different from the current value, but nonetheless still ordered by increasing shed amount)

4. READ N2 = Shed_Levels, ARRAY INDEX = 0 -- obtaining the length of the new value

5. VERIFY (Shed_Level_Descriptions = N2, ARRAY INDEX = 0)

Problems:

- the Purpose says something about verify the shedding action when commanding with a level; but neither the Test Concept nor the Test Steps seem to do any commanding at all. It does not feel like the test is actually testing anything, that would match its purpose.

- the Test Concept seems confusing; it does not really make clear what should happen.

- the test steps seem to only remotely follow the Concept. They seem to only concentrate on checking array sizes in steps 2 and 5 but even fail to specify that the array size should be changed in step 3. Also no other checking but the array size does happen.

Question:

Should the test be skipped in testing until it is rewritten?

Response:

YES