Clarification Request

Request from: BTL Manager (btl-manager@bacnetinternational.org)

Reference: "BTL Specified Tests-3.0.final.doc"

Background:

Test 9.23.1.X6 Writing Maximum Multiple Properties, has for its STEP 1, that the Object we are to write to is the IUT's device object. I believe based on the text in the Test Concept, the test should be modified to allow any object in the IUT.

Here is the recommended change to the BTL Specified Tests document.

9.23.1.X6 Writing Maximum Multiple properties

Reason For Change: No test exists that ensures that devices allow WritePropertyMultiple requests that take up the number of advertised segments. The tests are included in 135.1a.

Purpose: This test case verifies that IUT does not arbitrarily restrict the number of properties that can be written to it using a single WritePropertyMultiple request.

Test Concept: A writable property is written to an object in the IUT as many times as can be conveyed in the largest request accepted by the IUT. The calculation of the maximum request size shall be based on the IUT' MaxAPDU size and maximum segments per request.

[… calculations omitted …]

Test Steps:

1. TRANSMIT WritePropertyMultiple-Request,
   'Object Identifier' = (*any object in the IUT*~~the IUT's device object~~),
   'Property Identifier' = P1,
   'Array Index' = A1, -- only if required
   'Priority' = PRIO -- only if required
   'Property Value' = V1,
   …
   'Property Identifier' = P1,
   'Array Index' = A1, -- only if required
   'Priority' = PRIO -- only if required
   'Property Value' = V1
2. RECEIVE Simple-ACK
3. VERIFY(P1 = V1)

Question:

Is this change correct?

Response:

Yes.