

Clarification Request

References: BTL Specified Tests 14.X2.1 Distribute -Broadcast-To-Network

Background / Proposed Solution:

There is a BTL Specified Test 14.X2.1 **Distribute-Broadcast-To-Network** Test

Test Concept: The IUT is configured to register itself as a foreign device with the TD, then after registration is achieved it is caused to initiate a broadcast message to be conveyed to the BBMD for distribution. If the IUT does not support foreign device registration, or cannot initiate broadcast messages conveying a BACnet NPDU, then this test shall be omitted.

Test Steps:

1. RECEIVE DESTINATION = TD, SOURCE = IUT,
Register-Foreign-Device
2. TRANSMIT DESTINATION = IUT, SOURCE = TD,
BVLC-Result,
'Result Code' = Successful completion
3. MAKE (the IUT initiate a broadcast)
4. RECEIVE DESTINATION = TD, SOURCE = IUT,
Distribute-Broadcast-To-Network

Notice that it does not mention that the Register-Foreign-Device transmission could happen much earlier (such as during IUT power-on and its joining of the network).

Question:

Should the following texts be added to the BTL Specified Test 14.X2.1?

Notes to tester: The IUT may transmit the Register-Foreign-Device request before the test begins.

Passing Result: If after Step 3, the required Distribute-Broadcast-To-Network in Step 4 is observed, and its DESTINATION is the TD masquerading as a BBMD, then the IUT has successfully performed the test.

Response:

No. The actual Registration and its response must be observed. Logging can begin before the IUT powers on. The time after step 2 for the MAKE can be as large as needed.