

Clarification Request

References: BTL Specified Tests 10.X.5 Ignore Remote Packets

Background / Proposed Solution:

There is a BTL Specified Test 10.X.5 **Ignore Remote Packets** Test, but the test does not direct the tester to utilize the address most closely resembling IUT when it should do so, because that is most likely to reveal an implementation error.

Should the test be improved by the changes here below indicated by ~~strike through~~ and *italics*:

10.X.5 Ignore Remote Packets

Purpose: This test case verifies that the non-router IUT will quietly accept and discard packets destined for remote networks.

Test Concept: The TD transmits both broadcast and directed requests to the IUT with DNET (not equal to x'FFFF') and DADR in the Network Layer header. The IUT is required to silently drop the requests because it is not a router.

Test Steps:

1. TRANSMIT
 - DESTINATION = BROADCAST,
 - SOURCE = TD,
 - DNET = DNET3,
 - DADR= BROADCAST,
 - Hop Count = 255,
 - BACnet-Unconfirmed-Request-PDU,
 - 'Service Choice' = who-Is
2. WAIT **Internal Processing Fail Time**
3. CHECK(that the IUT did not reset and that the IUT did not send any packets)
4. TRANSMIT
 - DESTINATION = IUT,
 - SOURCE = TD,
 - DNET = ~~DNET3~~*(any DNET)*,
 - DADR = ~~D2A~~*(any address)*,
 - Hop Count = 255,
 - BACnet-Confirmed-Request-PDU,
 - 'Service Choice' = ReadProperty-Request,
 - 'Object Identifier' = O2 (any BACnet standard object in IUT),
 - 'Property Identifier' = P2 (any required property of the specified object)
5. WAIT **Internal Processing Fail Time**
6. CHECK(that the IUT did not reset and that the IUT did not send any packets)

Notes to Tester: Ensure that an address in Step 4 which resembles the actual address of IUT as closely as possible, including the use of a DNET of 0 or of the actual network of IUT, is tested.

Response:

Yes, but with the essence of the Notes to Tester: and parameter recommendation for the DNET, moved into the Test Directives of the test plan.