

Clarification Request

References: BTL Specified Tests 14.1.7 Forwarded-NPDU (One-hop Distribution)

Background / Proposed Solution:

There is a BTL Specified Test 14.1.7 **Forwarded-NPDU (One-hop Distribution)**, but the test specifically directs: The TD shall be on a different IP subnet than that of the IUT. Yet Step1. TRANSMIT DESTINATION = Local IP Broadcast, SOURCE = TD

How should the tester in this test cause the IUT to receive the transmission of Step 1?

If it is routed, then that Internet router will either produce a Local IP Broadcast on the subnet where the IUT is, or produce nothing at all. So it is the packet retransmitted by that Internet router, which will reach the IUT, if any packet does. And in that Local IP Broadcast on the subnet where the IUT is, that Internet router becomes the final source to the transmission, effectively TD and is on the same subnet as the IUT. D1, the value in the Originating Device field, is a device on a different IP subnet than the TD. So in my mind, either we have replicated 14.X1.1 and tested nothing new by running 14.1.7, or the Internet router will produce nothing at all, and we have tested nothing regarding the IUT at all.

I really wonder why test 14.1.7 is in the Test Plan?

Response:

Test 14.1.7 shall be removed from the Base Requirements of non-BBMD, because the testable point is covered by 14.1.X1 and because test 14.1.7 is broken and amended in 135.1 - 2009e.