

Clarification Request

References: “e.g” BTL Test Plan, sections 5.16 (AE-VN-A) and 5.18 (AE-AVN-A), 135-2024, clauses K2.15, K2.14, K2.1

Date of BTL-WG Response: August 7, 2025

Background: “e.g” Test Directives for AE-VN-A and AE-AVN-A

For AE-VN-A [Note: Directives are the same for 9.5.1 (UnconfirmedEventNotification)]

135.1-2023 - 9.4.5 - ConfirmedEventNotification Simple Presentation		
	Test Conditionality	Must be executed.
	Test Directives	Repeat the test for each of the standard event types, including EXTENDED if IUT claims Protocol_Revision 13 or higher, and each of the transitions defined for those event types. Execute at least once with a Message_Text 32 or more characters in length.
	Testing Hints	

For AE-AVN-A with changes from BTLWG-1684 [Note: Directives are the same for 9.5.2 (UnconfirmedEventNotification)]

135.1-2023 - 9.4.6 - ConfirmedEventNotification Full Presentation		
	Test Conditionality	Must be executed.
	Test Directives	Repeat the test for each of the standard event types, including EXTENDED if IUT claims Protocol_Revision 13 or higher, and each of the transitions defined for those event types. <i>For notifications using the CHOICE format of extended, the presentation must show all the fields which were in the notification. For notifications with event-values containing constructed data and of type CHOICE, execute the test once for each CHOICE. Where the event-values contain an ANY type, the tester should limit testing to primitive datatypes.</i> Execute at least once with a Message_Text 256 or more characters in length.
	Testing Hints	

Problem:

The test directives require the tests to be repeated for ‘each of the standard event types’, however, this requirement is not consistent with the BIBB definition in the BACnet standard. Requirements for AE-AVN-A are derived from AE-VN-A which is derived from AE-N-A. The AE-N-A BIBB definition does not require processing of CHANGE_OF_LIFE_SAFETY, ACCESS_EVENT, and/or BUFFER_READY event types.

Question:

Can AE-VN-A and AE-AVN-A presentation tests be skipped for CHANGE_OF_LIFE_SAFETY, ACCESS_EVENT, and/or BUFFER_READY event types?

Response:

Yes.