

Clarification Request

References: BTL - 7.3.1.11

Date of BTL-WG Response: June 21, 2018

☒ All Actions Necessitated have been Completed

Background: “

Ack_Required is the property of Notification Class object. This property, of type BACnetEventTransitionBits that conveys three separate flags which represent whether acknowledgment shall be required in notifications generated for TO_OFFNORMAL, TO_FAULT, and TO_NORMAL event transitions, respectively,

So ideally, if device is supporting Alarm and Event Management-Acknowledge-B functionality and the flag for any event transition is set to TRUE, then only we can acknowledge that event transition.

It may happen that Ack_Required property is having bit for TO_NORMAL event transition set to FALSE and the property is Read-Only or Non-Configurable. In this case we will not be able to Acknowledge the alarm generated for TO_NORMAL event transition.

Problem:

The existing test cases under the above functionality have 'Test Conditionality' as 'Must Be Executed'.

So, if the Ack_Required property is Read-Only or Non-Configurable, it is not possible to execute the entire testcase.

Question:

1. Is there a need to modify the test steps of all the testcases under Alarm and Event Management-Acknowledge-B to address the above problem?
2. Should a statement be added after the Configuration Requirement in each testcase to address the above problem?
3. Is it mandate that if device claims for Alarm and Event Management-Acknowledge-B then Ack_Required property should be either set to (1,1,1) or should be configurable?

Response:

1. **Yes.**
2. **No. The test package will be modified.**
3. **No. Perform only the portions of the test for which the product is capable of demonstrating.**