

Clarification Request

References: ASHRAE 135.1-2007, BTL Specified Tests-5.0.final

Background / Proposed Solution:

Test **BTL-8.2.2 C.O.V Notification from an A.O., A.O. and A.V. Object Status Flags** states:

Test Concept: A subscription for COV notifications is established, using a Lifetime of L. If the IUT supports the infinite Lifetime option, L may be set to 0 for this test otherwise, L shall be set to a value between $0 < L \leq 24$ hours. The Status_Flags property of the monitored object is then changed and a notification shall be received. The value of the Status-Flags property can be changed by using the WriteProperty service or by another means. For some implementations writing to the Out_Of_Service property will accomplish this task. For implementations where it is not possible to write to Status_Flags or Out_Of_Service, the vendor shall provide an alternative trigger mechanism to accomplish this task. All of these methods are equally acceptable.

Change to:

Test Concept: A subscription for COV notifications is established, using a Lifetime of L. If the IUT supports the infinite Lifetime option, L may be set to 0 for this test otherwise, L shall be set to a value between $0 < L \leq 24$ hours. The Status_Flags property of the monitored object is then changed and a notification shall be received. The value of the Status-Flags property can be changed by using the WriteProperty service or by another means. For some implementations writing to the Out_Of_Service property will accomplish this task. ~~For implementations where it is not possible to write to Status_Flags or Out_Of_Service, the vendor shall provide an alternative trigger mechanism to accomplish this task. All of these methods are equally acceptable. For implementations where it is not possible to write to Status_Flags or Out_Of_Service or change the Status_Flags by any other means, this test shall be skipped.~~

This correction applies to sections 8.2.4, 8.2.6, 8.2.8, 8.3.2, 8.3.4, 8.3.6, and 8.3.8 as well.

Question:

For IUTs that do not support writable Out_Of_Service properties, do not support Event Notifications and do not support the Reliability property and/or otherwise always have a reliable Present_Value and therefore always have Status_Flags with a value=0000, is it acceptable to skip this test.

Response:

Yes. The Test Concepts sections in each of the BTL Specified Tests for the abovementioned test sections, will be updated with the changes recommended here.