

Clarification Request

Reference: "ASHRAE 135.1-2003"

Background:

This is in regard to test plan 4.4.1 ReadPropertyMultiple. The test 135.1 - 9.20.2.1 states that a RPM, single object, single unknown property should return an error PDU (property, unknown-property). Yet, BTL 9.20.2.X1 allows either an error PDU or a complex-ack PDU with error data when a single object, single property fails due to that fact that it's not an array but has included an array index. I believe the 2004 standard specifically states a complex-ack is OK in this case, and in fact was addressed in 135-2001 Addendum a. So, the question is, will this response be acceptable in the BTL test?

For test 9.20.2.1:

1. TRANSMIT ReadPropertyMultiple-Request,
 'Object Identifier' = Object1 | Object2
 'Property Identifier' = (any property, P1, that is not supported in the selected object)
2. RECEIVE
 (BACnet-Error-PDU,
 'Error Class' = PROPERTY,
 'Error Code' = UNKNOWN_PROPERTY) |
 (ReadPropertyMultiple-ACK,
 'Object Identifier' = (object used in step 1),
 'Property Identifier' = P1,
 'Error Class' = PROPERTY,
 'Error Code' = UNKNOWN_PROPERTY)

Question:

Is the above interpretation of the test correct?

Response:

Yes.