

Clarification Request

References: 135-2010 15.8.1.3.1, BTL Test Plan 12 specified test 9.21.2.2

Date of BTL-WG Response: 04/18/2017

Background:

BTL tests TP 12 9.21.2.2

9.21.2.2 Attempting to Read a Property That is not a List
Reason For Change: 135-2008u-3. .

Purpose: To verify the correct execution of the ReadRange service request when the requested property is not a list. This test is only applied to devices with a Protocol_Revision of 10 or higher.

Test Steps:

1. TRANSMIT ReadRange-Request,
'Object Identifier' = (any object that exists in the IUT),
'Property Identifier' = (any non-list property supported by and present in the IUT),
2. RECEIVE BACnet-Error-PDU,
'Error Class' = **PROPERTY**,
'Error Code' = PROPERTY_IS_NOT_A_LIST

135-2010 15.8.1.3.1 reads:

...

Property is not a list or array of lists

SERVICES PROPERTY_IS_NOT_A_LIST

Problem:

the 135-2010 demands an Error Class "SERVICES"; the test tests for Error Class "PROPERTY". It may be, that the usage of "SERVICES" in the 135 was not on purpose as it is not in line with similar use-cases but it exists for quite some time and existing implementations are following the norm.

Questions:

should the test be fixed by replacing the Error Class and should the fixed form be used in current testing?

Response: Yes. The Error Class: SERVICES should be used in testing.