

Clarification Request

References: BTL Test Plan 5.0, 135.1-2007 test 9.14.2.2

Date of BTL-WG Response: _June 3, 2021

135.1-2007 defined the Error class: PROPERTY Error code: INVALID_DATATYPE as the sole accepted result in test 9.14.2.2

The test is specific requiring INVALID_DATATYPE, but I am uncomfortable restricting to solely that exact error code. The 135-2008 standard explicitly instead has DATATYPE_NOT_SUPPORTED in the table in section 15.1.1.3.1

The data being written has a datatype not supported PROPERTY DATATYPE_NOT_SUPPORTED
by the property.

Recommended change here indicated by *italics and highlight*

9.14.2.2 Adding a List Element With an Invalid Datatype

Purpose: To verify the ability of the IUT to correctly respond to an AddListElement service request to add an element with an invalid datatype to a list.

Test Steps:

1. TRANSMIT AddListElement-Request,

'Object Identifier' =	L,
'Property Identifier' =	ListProp,
'List of Elements' =	(a single element with a datatype inappropriate for this property)
2. RECEIVE AddListElement-Error,

Error Class =	PROPERTY,
Error Code =	INVALID_DATATYPE <i>DATATYPE_NOT_SUPPORTED</i> ,
'First Failed Element' =	1

Question:

In the test 9.14.2.2 should Error class: PROPERTY Error code: DATATYPE_NOT_SUPPORTED also (or perhaps that code only) be accepted?

Response:

No. the value selected for step 1 is 'inappropriate', not a value which is 'allowed' but not supported by this instance of the property. A Note to tester will be added clarifying this distinction.