

Clarification Request

References: Specified Tests 14.0.final, tests 9.32.1.1 – 9.32.1.5, 9.32.1.7 – 9.32.1.11 and 9.32.2.1 – 9.32.2.2

135.1-2013, tests 9.32.1.12 and 9.32.1.13

Date of BTL-WG Response: 25-Sept-2017

☒ All actions necessitated have been completed

Background:

From Specified Tests 14.0.final, test 9.32.1.1 (the same change applies to the tests listed above):

9.32.1.1 Object ID Version with No Device Range

Reason for Change: Modified test to remove dependency on EPICS values.

Purpose: To verify that the IUT can correctly respond to a local broadcast Who-Has service request that utilizes the object identifier form and does not restrict device ranges.

Configuration Requirements: Choose any object (Object1) that exists within the IUT.

Test Steps:

1. READ V1 = (Object1), Object_Name

2. TRANSMIT

DA = LOCAL BROADCAST,

SA = TD,

Who-Has-Request,

'Object Identifier' = Object1(~~any object identifier specified in the EPICS~~)

3. WAIT **Internal Processing Fail Time**

4. RECEIVE

DA = LOCAL BROADCAST | GLOBAL BROADCAST **TD,**

SA = IUT,

I-Have-Request,

'Device Identifier' = (the IUT's Device object),

'Object Identifier' = Object1(~~the object identifier specified in step 1~~),

'Object Name' = V1(~~the object name specified in the EPICS for this object~~)

Problem:

The test listed in the "References" section do not consider the change introduced by section 5 of Addendum ar to ASHRAE 135-2012.

The Rationale of that section reads:

"Currently, I-Am requests can be sent as either broadcast or unicast, but I-Have requests are required to be broadcast. It is not clear why there is this difference between the two services, as there may be situations in which it is desirable to send I-Have as a unicast in order to minimize the use of broadcasts."

Question:

Should the tests listed above allow for unicast I-Have-Requests from the IUT independent of the claimed protocol revision?

Response:

Yes.