

Clarification Request

References: Tests for DS-DOB-A BTL 8.32.1 – 8.32.4

Date of BTL-WG Response: April 7, 2022

Background:

e.G.

8.32.1 Object Identifier Selection with no Device Instance Range

Reason for Change: The BACnet standard (per addendum 135-2012ar-5) now allows the IUT to send and receive a unicast response.

Purpose: To verify that the IUT can initiate Who-Has service requests using the object identifier form with no device instance range. If the IUT cannot be caused to issue a Who-Has request of this form, then this test shall be omitted.

Notes to Tester: If there is no vendor-defined observable action, then test step 3 can be skipped.

Test Steps:

1. RECEIVE

DESTINATION = LOCAL BROADCAST | GLOBAL BROADCAST

SOURCE = IUT,

Who-Has-Request,

'Object Identifier' = *ObjectI* (any object identifier)

2. TRANSMIT

DESTINATION = IUT | LOCAL BROADCAST | GLOBAL BROADCAST

SOURCE = TD,

I-Have-Request,

'Device Identifier' = (the TD's Device object)

'Object Identifier' = ObjectI

3 CHECK (for any vendor-defined observable actions)

Problem:

All the tests in the DS-DOB-A section e.G. 8.32.1 expect the IUT to send a WhoHas service request as some sort of broadcast. But the 135 standard does not state, that WhoHas would be disallowed as unicast. Also there is no specification in the DS-DOB-A BIBB definition that specifically requires the implementation to be able to send as broadcast.

Question:

Should tests, that currently expect WhoHas from the IUT as broadcast be considered passed when the IUT send the WhoHas as unicast?

Response:

Yes. The tests will be modified.