

Clarification Request

References: ASHRAE 135.1-2025, ASHRAE 135-2024, Test Package 26.1.

Date of BTL-WG Response: September 3, 2026

Background:

16.2.1.3 Result(-)

The 'Result(-)' parameter shall indicate that the service request has failed. The reason for failure shall be specified by the 'Error Type' parameter.

16.2.1.3.1 Error Type

This parameter consists of two component parameters: (1) the 'Error Class' and (2) the 'Error Code'. See Clause 18.

16.2.1.3.2 Vendor ID

This parameter, of type Unsigned, shall specify the unique vendor identification code for the vendor-proprietary service for which this error is the result.

16.2.1.3.3 Service Number

This parameter, of type Unsigned, shall indicate the proprietary service for which this error is the result.

16.2.1.3.4 Error Parameters

This optional parameter shall convey any additional error results from the execution of the requested service. Interpretation of these results is a local matter.

9.25.2.1 Correctly Executes a Non-Supported ConfirmedPrivateTransfer Service

Purpose: To verify that the IUT correctly responds with an error when an unsupported ConfirmedPrivateTransfer is received.

Test Concept: Send a non-supported ConfirmedPrivateTransfer request to the IUT and verify that it responds with an error or rejects the service.

Test Steps:

1. TRANSMIT ConfirmedPrivateTransfer-Request,
 - 'Vendor ID' = (VID: any valid value not supported by the IUT),
 - 'Service Number' = (SID: any valid value, that when combined with Vendor ID is not supported by the IUT),
 - 'Service Parameters' = (any valid values)
2. RECEIVE
 - (ConfirmedPrivateTransfer-Error,
 - 'Error Class' = any
 - 'Error Code' = any
 - 'Vendor ID' = (VID),
 - 'Service Number' = (SID),
 - 'Result Block' = (the expected results provided by the vendor)) |
 - (BACnet-Reject-PDU,
 - 'Reject Reason' = any reason) |
 - (BACnet-Abort-PDU

'Abort Reason' = any reason)

3. CHECK (that the IUT exhibits the vendor defined results)

Problem:

A device that supports execution of the ConfirmedPrivateTransfer service replies to this negative test with a Reject(UNRECOGNIZED_SERVICE). From the client's perspective, it is unclear whether the server does not recognize the ConfirmedPrivateTransfer service or only the specified Service Number.

Question:

Is it acceptable for an IUT to respond to this negative test with a BACnet-Reject-PDU with a Reject Reason of UNRECOGNIZED_SERVICE?

Response:

Yes, this is acceptable.