

Clarification Request

Request from: Lori Tribble (btl-manager@bacnetinternational.org)

References: BTL Test Plan 3.0, BTL Specified Tests 3.0

Stage: ☒Request, ☒Listed, ☒Analysis, ☒Resolved

Background / Proposed Solution:

The BTL Test 10.X.5 Ignore Remote Packets specifies that a non-router device shall not respond to packets destined for a remote network.

A BACnet implementer indicates that their device answers with a reject message so that the requester does not need to wait for a timeout. The device response with a Network Layer message 03: "Reject Message to Network", Reason: 03: "Unknown Message Type".

Question:

Is this allowed behavior for a BACnet device?

Response:

No. In section 6.5.4 of ASHRAE 135-2004 says "If the NPCI control octet indicates the presence of a DNET field whose value is not X'FFFF' and the NE resides in a BACnet device that is not a router, the message shall be discarded.". This same statement is repeated in section 6.5.2.2.

Therefore, test BTL-10.X.5 is correct.