

Clarification Request

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

References: ASHRAE 135-2004, section 6.6.3.6, BTL Test Plan 5.0.1

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

Background / Proposed Solution:

The routing portion of the BTL Test Package requires that if the IUT claims support for Routing, Routes packets between physical BACnet LANs, that the IUT pass the test: 135.1-2007_10.2.2.4.3 Receiving Messages for a Busy Router.

This test implies that the IUT 'shall' respond with a 'reject-message-to-network' upon receipt of a ReadProperty Request to a known 'busy' network.

One vendor is claiming that it is in accordance with the standard for the router being tested to accept a ReadProperty Request to the busy network provided it routes the message when the busy router condition goes away (either by timing out after 30 seconds or by active cancellation by the once busy router).

There is no allowance in test 135.1-2007-10.2.2.4.3 for this behavior.

Question:

Should this behavior be allowed?

Response:

No. See 135-2004 Addendum *r*.