

Clarification Request

References: “e.g” TP 23.3; 135.1-2023 7.3.2.25.1

Date of BTL-WG Response: 2024-11-14

Background: “e.g” 135.1-2023 7.3.2.25.1 Internal Logging of Notifications

In the Base Requirements for AE-EL-I-B, test 7.3.2.25.1 has Test Conditionality = Must be executed. The test requires the IUT to send event notifications on the wire to the TD.

Problem:

For a device that only logs internal events (i.e. does not log events transmitted on the wire), test 7.3.2.25.1 cannot be executed. However, the standard clearly allows a device to do this:

12.27 Event Log Object Type

An Event Log object records event notifications with timestamps and other pertinent data in an internal buffer for subsequent retrieval. Each timestamped buffer entry is called a "log record."

Each Event Log object maintains an internal, optionally fixed-size buffer. This log buffer fills or grows as event log records are added. If the log buffer becomes full, the least recent log records are overwritten when new log records are added, or collection may be set to stop. Log buffers are transferred as a list of BACnetEventLogRecord using the ReadRange service. The log buffer may be cleared by writing a zero to the Record_Count property. The determination of which event notifications are placed into the log buffer is a local matter, including those never transmitted as an APDU. Each log record in the log buffer has an implied SequenceNumber that is equal to the value of the Total_Record_Count property immediately after the log record is added.

Question:

Can test 7.3.2.25.1 be skipped if the IUT does not log event notifications transmitted on the wire?

Response:

Yes. The test will be revised, or a new test will be added for this condition.