

Clarification Request

References: ASHRAE 135.1-2009

Background / Proposed Solution:

In test **7.3.2.24.12 COV Subscription Failure Test** there is an assumption that a COV subscription will be made as soon as the Trend Log is enabled.

1. VERIFY Event_State = NORMAL
2. WRITE Log_Enable = TRUE
3. IF (the IUT uses SubscribeCOV for this Trend Log)
 - RECEIVE SubscribeCOV-Request,
 - 'Subscriber Process Identifier' = (any value),
 - 'Monitored Object Identifier' = (any object),
 - 'Issue Confirmed Notifications' = (TRUE|FALSE),
 - 'Lifetime' = (2 * COV_Resubscription_Interval)
 - ELSE
 - RECEIVE SubscribeCOVProperty-Request,
 - 'Subscriber Process Identifier' = (any value),
 - 'Monitored Object Identifier' = (any object),
 - 'Issue Confirmed Notifications' = (TRUE|FALSE),
 - 'Lifetime' = (2 * COV_Resubscription_Interval),
 - 'Monitored Property Identifier' = (the property to be monitored),
 - 'COV Increment' = (Client_COV_Increment -- optional)
4. TRANSMIT BACnet-SimpleACK-PDU
5. WAIT COV_Resubscription_Interval
6. VERIFY Event_State = FAULT

As far as we can tell there is no basis for this requirement in the BACnet standard.

Question:

Should the test allow for devices that remain subscribed to remote values even when the log is disabled?

Response:

Yes. The BTL-WG will rework this as a BTL Specified test; putting the first two steps instead as Configuration Requirements, and in step 4 issuing an Error-PDU.