

Clarification Request

References: BTL Specified Tests 8.3.X1

Date of BTL-WG Response: May 31, 2011_

Background / Proposed Solution:

The test uses localtime of the device for the Time_Of_Device_Restart property (and in the UnconfirmedCOVNotification-Request). This property is of datatype BACnetTimeStamp which is a sequence defined as follows:

```
BACnetTimeStamp ::= CHOICE {
    time                [0]      Time,
    sequenceNumber      [1]      Unsigned (0..65535),
    dateTime            [2]      BACnetDateTime
}
```

8.3.X1 Device Restart Notifications

Reason For Change: No test exists for this functionality. This test is included in proposal CN-102.

Purpose: To verify that the IUT initiates UnconfirmedCOVNotification service requests to each entry in its Restart_Notification_Recipients property when it resets.

Test Concept: The IUT is configured to send restart notifications and is then reset. The TD checks for the restart notifications.

Device restart notifications differ from subscribed COV notifications that use the UnconfirmedCOVNotification service in two respects. First, subscription is made through the Restart_Notification_Recipients property instead of SubscribeCOV. Second, the 'Subscriber Process Identifier' parameter always has a value of zero.

Test Steps:

1. IF (Restart_Notification_Recipients is writable) THEN
 WRITE(Restart_Notification_Recipients = any non-empty list of Recipients)
 ELSE
 MAKE (Restart_Notification_Recipients contain any non-empty list of Recipients)
2. MAKE(the IUT reset)
3. RECEIVE UnconfirmedCOVNotification-Request,
 'Subscriber Process Identifier' = 0,
 'Initiating Device Identifier' = IUT,
 'Monitored Object Identifier' = (the IUT Device Identifier),
 'Time Remaining' = 0,
 'List of Values' = (System_Status=OPERATIONAL,
 Time_Of_Device_Restart = (local time of IUT, X),
 Last_Restart_Reason=(any valid restart reason, Y))
4. VERIFY Time_Of_Device_Restart = X
5. VERIFY Last_Restart_Reason = Y

Problems:

1. The expression Local_Time is incorrect, since the timestamp is not always Local_Time.
2. The expression should be clear that what needs to be conveyed is the content of the Time_Of_Device_Restart property.

Proposal:

To make the changes shown above in yellow highlight, changing Local_Time to local time of IUT, X and then verifying that what is conveyed in the UnconfirmedCOVNotification-Request is the content of the Time_Of_Device_Restart property.

Response:

Yes, the test will be revised as proposed.