

Clarification Request

References: BTL Test Plan 5.0, BTL Specified Tests, 135.1-2007

Date of BTL-WG Response: __04-Aug-2011__

Background / Proposed Solution:

An IUT in the lab only ever uses a select set of values for the Process_Identifier in Recipient_List entries that it services. It then validity checks the Process_Identifier in any EventNotification that it receives.

9.4.1 ConfirmedEventNotification Using the Time Form of the 'Timestamp' Parameter and Conveying a Text Message

Test Steps:

1. TRANSMIT ConfirmedEventNotification-Request,

'Process Identifier' =	(any valid process identifier),
'Initiating Device Identifier' =	TD,
'Event Object Identifier' =	(any Event Enrollment object),
'Time Stamp' =	(current time using the Time format),
'Notification Class' =	(any valid notification class),
'Priority' =	(any valid priority),
'Event Type' =	(any standard event type),
'Message Text' =	(any character string),
'Notify Type' =	ALARM EVENT,
'AckRequired' =	FALSE,
'From State' =	NORMAL,
'To State' =	(any non-normal state appropriate to the event type),
'Event Values' =	(any values appropriate to the event type)
2. RECEIVE BACnet-SimpleACK-PDU
3. CHECK (for any vendor-defined observable actions)

9.4.2 ConfirmedEventNotification Using the DateTime Form of the 'Timestamp' Parameter and no Text Message

Test Steps:

1. TRANSMIT ConfirmedEventNotification-Request,

'Process Identifier' =	(any valid process identifier),
'Initiating Device Identifier' =	TD,
'Event Object Identifier' =	(any Event Enrollment object),
'Time Stamp' =	(current time using the DateTime format),

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| 'Notification Class' = | (any valid notification class), |
| 'Priority' = | (any valid priority), |
| 'Event Type' = | (any standard event type), |
| 'Notify Type' = | ALARM EVENT, |
| 'AckRequired' = | FALSE, |
| 'From State' = | NORMAL, |
| 'To State' = | (any non-normal state appropriate to the event |
- type),
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| 'Event Values' = | (any values appropriate to the event type) |
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2. RECEIVE BACnet-SimpleACK-PDU
 3. CHECK (for any vendor-defined observable actions)

9.4.3 ConfirmedEventNotification Using the Sequence Number Form of the 'Timestamp' Parameter and no Text Message

Test Steps:

1. TRANSMIT ConfirmedEventNotification-Request,

'Process Identifier' =	(any valid process identifier),
'Initiating Device Identifier' =	TD,
'Event Object Identifier' =	(any Event Enrollment object),
'Time Stamp' =	(current sequence number),
'Notification Class' =	(any valid notification class),
'Priority' =	(any valid priority),
'Event Type' =	(any standard event type),
'Notify Type' =	ALARM EVENT,
'AckRequired' =	FALSE,
'From State' =	NORMAL,
'To State' =	(any non-normal state appropriate to the event

type),

'Event Values' =	(any values appropriate to the event type)
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2. RECEIVE BACnet-SimpleACK-PDU
3. CHECK (for any vendor-defined observable actions)

Question:

Should 9.4.1, 9.4.2 and 9.4.3 relax the Process_Identifier criteria to constrain it to those that the IUT might have ever used, so that the Process_Identifier in the notification is recognized by the IUT as valid?

Response:

The use of (any valid process identifier) is not intended to allow full selection of the 'Process Identifier', but to choose the correct one as configured. If the 'Process Identifier' needs to be constrained in order to be recognized by the IUT as valid, then that should be in the IUT Special Test instructions.