

## Clarification Request

**References:** TP12 135.1-2011m-4 – 13.8.1.6

**Date of BTL-WG Response:** May 23, 2013

### Background:

Wording in the Standard clause 19.1.3.4 is "If device B does not receive any messages related to the restore procedure from device A for the number of seconds specified in the Backup\_Failure\_Timeout property of its Device object, device B should assume that the restore procedure has been aborted, and device B should exit restore mode."

### 13.8.1.6 Ending Backup and Restore Procedures via Timeout

Purpose: This test case verifies that the IUT will end Backup and Restore procedures after not receiving any messages related to the backup or restore for longer than Backup\_Failure\_Timeout and that the Backup\_Failure\_Timeout property is writeable.

Test Steps:

1. WRITE Backup\_Failure\_Timeout = (A value T1 greater than Backup\_Preparation\_Timeout)
2. VERIFY Backup\_Failure\_Timeout = T1
3. IF (Protocol\_Revision is present and Protocol\_Revision >= 10) THEN  
    READ BPT = Backup\_Preparation\_Time
4. TRANSMIT ReinitializeDevice-Request,  
    'Reinitialized State of Device' = STARTBACKUP,  
    'Property Identifier' = (any valid password)
5. RECEIVE Simple-ACK-PDU
6. IF (Protocol\_Revision is present and Protocol\_Revision >= 10) THEN  
    WAIT BPT  
    READ BRSTATE = Backup\_And\_Restore\_State  
    WHILE (BRSTATE = PREPARING\_FOR\_BACKUP) DO {  
        WAIT 1 second  
        READ BRSTATE = Backup\_And\_Restore\_State  
    }  
    CHECK (BRSTATE = PERFORMING\_A\_BACKUP)
7. WAIT ( T1 + 10 seconds)
8. IF (Protocol\_Revision is present and Protocol\_Revision >= 10) THEN  
    VERIFY Backup\_And\_Restore\_State = IDLE
9. VERIFY System\_Status != BACKUP\_IN\_PROGRESS
10. IF (Protocol\_Revision is present and Protocol\_Revision >= 10) THEN  
    READ RPT = Restore\_Preparation\_Time  
    READ RCT = Restore\_Completion\_Time
11. TRANSMIT ReinitializeDevice-Request,  
    'Reinitialized State of Device' = STARTRESTORE,  
    'Password' = (any valid password)
12. RECEIVE BACnet-Simple ACK-PDU
13. IF (Protocol\_Revision is present and Protocol\_Revision >= 10) THEN  
    WAIT RPT  
    READ BRSTATE = Backup\_And\_Restore\_State  
    WHILE (BRSTATE = PREPARING\_FOR\_RESTORE) DO {  
        WAIT 1 second  
        READ BRSTATE = Backup\_And\_Restore\_State  
    }

CHECK (BRSTATE = PERFORMING\_A\_RESTORE)

14. WAIT (40 seconds)

15. IF (Protocol\_Revision is present and Protocol\_Revision  $\geq$  10) THEN  
WAIT RCT

VERIFY Backup\_And\_Restore\_State = IDLE

16. VERIFY System\_Status  $\neq$  DOWNLOAD\_IN\_PROGRESS

Notes to Tester: After an incomplete restore attempt, the IUT may revert to a default configuration or another state that is different from the IUT state when this test was started.

**Problem:**

The WAIT (40 seconds) in step 14 seems to be arbitrary.

**Question:**

Should the wait time in step 14 also be ( T1 + 10 seconds) similar to step 7?

**Response:**

**"Step 14 should be (T1 + 10 seconds). The test will be modified."**