

### Clarification Request

**References:** BTL Test Plan 14.0.final, BTL specified test 14.3.3

**Date of BTL-WG Response:** 05-May-2016

☒ All actions necessitated have been completed

#### Background:

There is no specification what kind of reset is to be applied to the IUT, when a test specifies MAKE(the IUT reset).

#### 14.3.3 Verify Broadcast Distribution Table Created from the Configuration Saved During the Previous Session

Reason for Change: Revised test to allow testing when BDT can be configured with local configuration tool only.

Purpose: To verify that a BBMD will update the BDT in the local configuration database and initialize it at startup.

Configuration Requirements: The IUT's BDT can either be written in step 1, or configured with a local configuration tool.

#### Test Steps:

1. IF (The IUT's BDT can be written with Write-Broadcast-Distribution-Table)  
    TRANSMIT  
        DA = IUT,  
        SA = D1,  
        Write-Broadcast-Distribution-Table,)  
    RECEIVE  
        DA = D1,  
        SA = IUT,  
        BVLC-Result,  
        'Result Code' = Successful completion  
    ELSE  
        MAKE (the IUT's BDT different, so that values in the BDT at step 6 can be distinguished)
2. WAIT (-Vendor specified period for BDT to be saved in non-volatile memory)
3. MAKE (the IUT reset)
4. TRANSMIT  
    DA = IUT,  
    SA = D1,  
    Read-Broadcast-Distribution-Table
5. RECEIVE

DA = D1,  
SA = IUT,  
Read-Broadcast-Distribution-Table-Ack,  
List of BDT Entries consisting of three entries (order unspecified)

**Problem:**

In step 3 there is no specification what kind of reset is to be applied to the IUT. A number of choices seem to fit that step:

- powercycle the IUT
- send ReinitializeDevice(COLDSTART)
- send Reinitialize(WARMSTART)
- ???

At least for Reinitialize(COLDSTART) the expectation, that the BDT should remain unchanged seems unreasonable. Seeing an empty BDT after a coldstart seems also appropriate.

**Questions:**

Should an IUT be passed if it does not retain its BDT after receiving ReinitializeDevice(coldstart)?

Should the test be changed to contain more specific wording on the different choices of "reset" and the respective processing expectations?

**Response:**

**To question part 1: Yes, it is not required to retain a BDT through COLDSTART.**

**To question part 2: No. Reset includes power cycle via switch, power cycle via loss of power, and reinitializeDevice WARMSTART. Reset excludes reinitializeDevice COLDSTART and excludes any vendor-proprietary method that wipes the content.**

**An entry in the Definitions section in 135.1 will be added defining it as such.**