Solution to #3103 for sCnf121 (sSvp23)

August 27, 2021



TPWG on Aug 24 decided to move the MMS read part from a previous proposal to a new sSvp test procedure (when supported by the SV publisher). Note that sCnf121 is only applicable for IEC 61869 SV publisher.

Solution

| sCnf121 | Verify the existence of LPHD extension Data Objects: NamVariant, NamHzRtg, NamAuxVRtg (optional), NamHoldRtg and NamMaxDlRtg (table 903) and MaxDl (part 7-4 Ed2 Amd1)  Verify the existence of LPHD.PhyNam data attributes: vendor, model, serNum, hwRev, swRev and d and that these attributes have valKind read-only.  The effective logical node namespace: lnNs = IEC 61869-9:2016[A] | Passed  Failed  Inconclusive |
| --- | --- | --- |

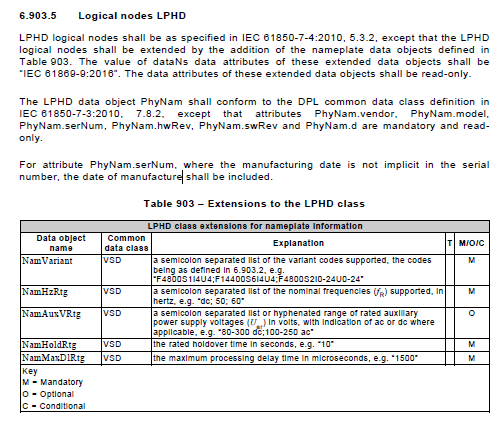
Abstract

|  |  |
| --- | --- |
| sSvp23 | Verify LPHD data objects and attributes value |

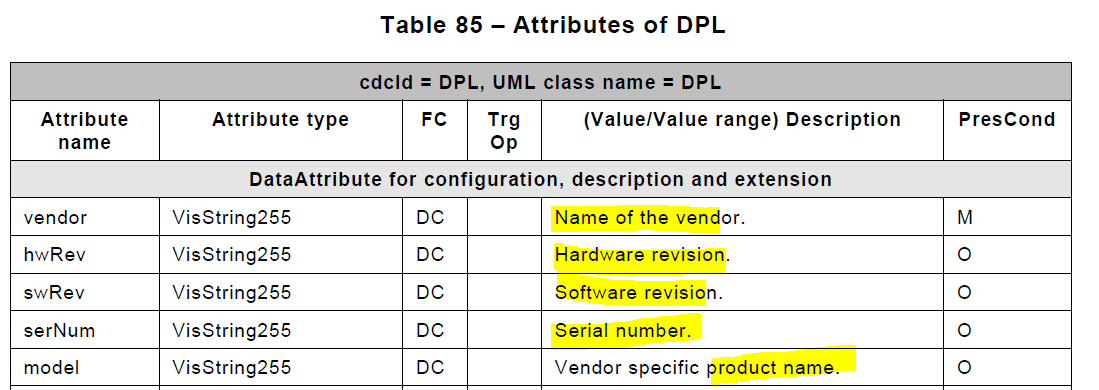
|  |  |  |
| --- | --- | --- |
| **sSvp23** | **Verify LPHD data objects and attributes value** | **Passed**  **Failed**  **Inconclusive** |
| IEC 61850-7-3 Clause 7.8.2  IEC 61869-9 Clause 6.903.5  PIXIT: sSvp11 | | |
| Expected result   1. The PhyNam attributes: vendor, model, hwRev, swRev are not empty. PhyNam.serNum shall include the date of manufacture when not implicit in the serial number (PIXIT: Svp11) 2. The NamVariant, NamHzRtg, NamAuxVRtg (optional), NamHoldRtg and NamMaxDlRtg val attributes have a value according to table 903 | | |
| Test description   1. Client requests a GetDataValues of LPHD.PhyNam 2. Client requests GetDataValues of the LPHD data objects: NamVariant, NamHzRtg, NamAuxVRtg (optional), NamHoldRtg and NamMaxDlRtg | | |
| Comment | | |

Add sSvp23 to certificate and table A4.2 as conditional. Condition when PICS-GetDataValues is supported.

Table 903 from IEC 61869-9 shows NamAuxVRtg is optional:



From part 7-3:



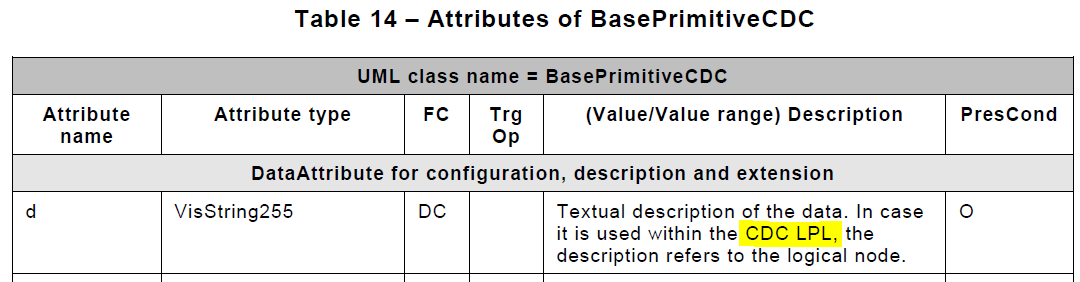


Table 14 does not require anything about “d” in DPL.