Solution to #3103 for sCnf121 (sSvp23)

August 27, 2021

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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 |
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Abstract

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| sSvp23 | Verify LPHD data objects and attributes value |

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| **sSvp23** | **Verify LPHD data objects and attributes value** | **[ ]  Passed****[ ]  Failed****[ ]  Inconclusive** |
| IEC 61850-7-3 Clause 7.8.2 IEC 61869-9 Clause 6.903.5PIXIT: sSvp11 |
| Expected result1. 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 description1. Client requests a GetDataValues of LPHD.PhyNam
2. Client requests GetDataValues of the LPHD data objects: NamVariant, NamHzRtg, NamAuxVRtg (optional), NamHoldRtg and NamMaxDlRtg
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| 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.

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