Solution to redmine 7128

**Reconfiguration of a LGOS / LSVS prefix instance number in SCT test is missing**

March 4, 2025

It needs to be verified that after a reconfiguration of the GocbRef/MsvcbRef.setSrcRef by the SCT, that the instances in the device are matching the latest SCD configuration.  
For instance with such a test:

within SCD V1  
instance 1 supervises message 1  
instance 2 supervises message 2  
instance 3 supervises message 3

within SCD V2  
instance 1 supervises message 3  
instance 2 supervises message 1  
instance 3 supervises message 2

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| **sGos25** | **Reconfiguration of LGOS** | Passed  Failed  Inconclusive |
| IEC 61850-7-2 Subclause 18.2.3.8  IEC 61850-8-1 Subclause 18.1 | | |
| Expected result  2. LGOS1.St.stVal=T  3. LGOS2.St.stVal=T  4. LGOS3.St.stVal=T  6. LGOS2.St.stVal=T  7. LGOS3.St.stVal=T  8. LGOS1.St.stVal=T | | |
| Test description  1. Configure 3 LGOS instances to subscribe to 3 GOOSE messages  2. Publisher sends normal GOOSE 1 only  3. Publisher sends normal GOOSE 2 only  4. Publisher sends normal GOOSE 3 only  5. Use SCT simulator to reconfigure each LGOS instance to another GOOSE message: LGOS 1 now supervises GOOSE 3, LGOS2 supervises GOOSE 1 and LGOS3 supervises GOOSE 2  6. Publisher sends normal GOOSE 1 only  7. Publisher sends normal GOOSE 2 only  8. Publisher sends normal GOOSE 3 only | | |
| Comment  Note: the DUT should support at least subscribing to 2 streams | | |

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| **sSvs19** | **Reconfiguration of LSVS** | Passed  Failed  Inconclusive |
| IEC 61869-9  PIXIT Svs2a, Svs2b | | |
| Expected result  2. LGOS1.St.stVal=T  3. LGOS2.St.stVal=T  4. LGOS3.St.stVal=T  6. LGOS2.St.stVal=T  7. LGOS3.St.stVal=T  8. LGOS1.St.stVal=T | | |
| Test description  1. Configure 3 LSVS instances to subscribe to 3 SV messages  2. Publisher sends normal SV 1 only  3. Publisher sends normal SV 2 only  4. Publisher sends normal SV 3 only  5. Use SCT simulator to reconfigure each LSVS instance to another SV message: LSVS 1 now supervises SV 3, LSVS2 supervises SV 1 and LSVS3 supervises SV 2  6. Publisher sends normal SV 1 only  7. Publisher sends normal SV 2 only  8. Publisher sends normal SV 3 only | | |
| Comment  Note: the DUT should support at least subscribing to 2 streams | | |