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 18.2.3.8IEC 61850-8-1 Subclause 18.1 |
| Expected result 2. LGOS1.St.stVal=T3. LGOS2.St.stVal=T4. LGOS3.St.stVal=T6. LGOS2.St.stVal=T7. LGOS3.St.stVal=T8. LGOS1.St.stVal=T |
| Test description1. Configure 3 LGOS instances to subscribe to 3 GOOSE messages2. Publisher sends normal GOOSE 1 only3. Publisher sends normal GOOSE 2 only4. Publisher sends normal GOOSE 3 only5. 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 26. Publisher sends normal GOOSE 1 only7. Publisher sends normal GOOSE 2 only8. Publisher sends normal GOOSE 3 only |
| CommentNote: the DUT should support at least subscribing to 2 streams |

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| **sSvs19** | **Reconfiguration of LSVS** | [ ]  Passed[ ]  Failed[ ]  Inconclusive |
| IEC 61869-9PIXIT Svs2a, Svs2b |
| Expected result 2. LGOS1.St.stVal=T3. LGOS2.St.stVal=T4. LGOS3.St.stVal=T6. LGOS2.St.stVal=T7. LGOS3.St.stVal=T8. LGOS1.St.stVal=T |
| Test description1. Configure 3 LSVS instances to subscribe to 3 SV messages2. Publisher sends normal SV 1 only3. Publisher sends normal SV 2 only4. Publisher sends normal SV 3 only5. 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 26. Publisher sends normal SV 1 only7. Publisher sends normal SV 2 only8. Publisher sends normal SV 3 only |
| CommentNote: the DUT should support at least subscribing to 2 streams |