

IEC 61850 User Feedback Task Force - Feature #592

Invalid SCL file due to wrong allocation fo GoCBs

02/03/2021 02:07 PM - Herbert Falk

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Implementation - improve conformance testing	Estimated time:	0.00 hour
Target version:		To discuss in WG10:	
ID:	IntApp	Short Proposal:	It appears that the device allows GoCB but only in some LD. No way to express this in SCL currently.
Source:	IOP_2019	Standard(s):	
TF Unique ID:	IntApp # IOP_2019	Needs More Information:	
WG10 Proposal:	Tissue #1445 ed2 and 61850-6 ed2.1 table 11 states that if GSE configuration is not fixed, SCT can add or delete GoCB in any LLN0. It has to be tested. Bruce to guarantee is going to be tested in conformance testing. Bruce answers: "New test procedure regarding the issue. Verify that GSEControl can be added to any LN0 Add one GSEControl to first and last LN0 in the configuration of the device Condition: Services/GSESettings attribute cbName is not "fix" or absent and multiple Logical Devices exist and GOOSE max > 1"	Assigned TF:	
Estimated Completion:			
Discuss in Upcoming Meeting:	No		

Description

IED in the SCD contains access points (S1 and others) with GSE with IdInst = "Prot" and a single GoCB.

However, the GoCBs are instantiated only in the IdInst="Master" and no MAC-Address is provided for GSE where IdInst="Master".

The Access Points should refer to "Master" not "Prot" for the GSE

The posted IID file for this device has IED name = TEMPLATE and no GoCBs in any LDs

While this is apparently a "simple" implementation error, not validating SCD files is causing numerous problems for some participants.

History

#1 - 02/11/2021 06:52 AM - Vladan Cvejic

- Subject changed from IED in the SCD contains access points (S1 and others) with GSE with IdInst = "Prot" and a single GoCB.

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- Status changed from New to In Progress

- WG10 Proposal changed from Tissue #1445 ed2 and 61850-6 ed2.1 table 11 states that if GSE configuration is not fixed, SCT can add or delete GoCB in any LLN0. It has to be tested. Bruce to guarantee is going to be tested in conformance testing.

Bruce answers: "New test procedure regarding the issue.

Verify that GSEControl can be added to any LN0

Add one GSEControl to first and last LN0 in the configuration of the device

Condition: Services/GSESettings attribute cbName is not "fix" or absent and multiple Logical Devices exist and GOOSE max > 1" to Tissue #1445 ed2

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- Discuss in Upcoming Meeting set to No

Checking done.

#2 - 06/21/2022 09:29 AM - Carlos Rodriguez del Castillo

- Status changed from In Progress to Closed

Confirm to IEC 61850-6 editor the issue has been accounted for