

IEC 61850 User Feedback Task Force - Feature #521

The GSEControl has a datSet element indicating that the gocb is configured (but with no communication entry)

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: 2	Short Proposal: UCA SCT conformance testing must address. Make a generic rule at the beginning of -6 about inter section references. In this particular case, <GSE can not exist without the matching/referenced <GSEControl
Source: IOP_2017/3	Standard(s): IEC 61850-8-1
TF Unique ID: 2 # IOP_2017/3	Needs More Information:
WG10 Proposal: Add a general statement into part 6 to not allow referencing a SCL element which does not exist in the file unless the reference is none.-> OK(2019-06): Solved in IEC 61850-8-1 Ed2.1. A requirement is included to define GSE section for each fully defined GOOSE.	Assigned TF:
Estimated Completion: 2019-06	
Discuss in Upcoming Meeting: No	

Description

In Version 2 of the IntegratedApplication.scd", we found the IED "CYG_PR7367_A1_P1" AccessPoint "G1" which contains a GSEControl named "gocb" but there is no associated GSE address in the Communication section. This seems to be an invalid GOOSE configuration because it cannot be published without an address.

The GSEControl had a datSet!=null. Indicating that the gocb was configured (but with no communication entry). The standard does not declare if this is valid or not.

There may be more errors like this, but this was just the first one we found.

History

#1 - 02/11/2021 07:42 AM - Vladan Cvejic

- Subject changed from In Version 2 of the IntegratedApplication.scd", we found the IED "CYG_PR7367_A1_P1" AccessPoint "G1" which contains a GSEControl to The GSEControl has a datSet element indicating that the gocb is configured (but with no communication entry)

- Status changed from New to In Progress

- Short Proposal changed from UCA SCT conformance testing must address.

Make a generic rule at the beginning of -6 about inter section references. In this particular case, <GSE can not exist without the matching/referenced <GSEControl

to UCA SCT conformance testing must address. Make a generic rule at the beginning of -6 about inter section references. In this particular case, <GSE can not exist without the matching/referenced <GSEControl

- Standard(s) changed from 1-Aug to IEC 61850-8-1

- WG10 Proposal changed from Add a general statement into part 6 to not allow referencing a SCL element which does not exist in the file unless the reference is none.

-> OK (2019-06): Solved in IEC 61850-8-1 Ed2.1. A requirement is included to define GSE section for each fully defined GOOSE. to Add a general statement into part 6 to not allow referencing a SCL element which does not exist in the file unless the reference is none.-> OK(2019-06): Solved in IEC

61850-8-1 Ed2.1. A requirement is included to define GSE section for each fully defined GOOSE.

- Discuss in Upcoming Meeting set to No

Checking done.

#2 - 06/21/2022 09:24 AM - Carlos Rodriguez del Castillo

- Status changed from In Progress to Closed

Confirm to IEC 61850-6 editor that this issue has been accounted for.