IEC 61850 User Feedback Task Force - Feature #6186

Changing the ActSG while reservation by another client is ongoing

11/22/2022 11:55 AM - Michael Haecker

Status:	Closed	**Start date:**	11/22/2022
Priority:	Normal	**Due date:**	
Assignee:	Carlos Rodriguez del Castillo	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
ID:		**To discuss in WG10:**	No
Source:		**Short Proposal:**	
TF Unique ID:		**Standard(s):**	IEC 61850-7-2 Clause 16
WG10 Proposal:		**Needs More Information:**	No
Estimated Completion:		**Assigned TF:**	
Discuss in Upcoming Meeting:	No		

Description

In UCAIug IEC 61850 2022 IOP there was a test case 'SGCB_ActSG_with_ResvTMS_07' - Ability of a Server to accept changing the ActSG while reservation by another Client is ongoing and verify that the ActSG actually changed. Unclear if the test procedure correctly reflects the standard.

In the DUT, "reservation" was understood exclusive to the entire SGCB instance. The 1st client sets 'ResvTms' for the value editing process. The same 'ResvTms' is also used to rule over attempts to access 'SelectActiveSG' from another client. The 2nd client cannot change the ActSG while the first client has EditSG set and ResvTms has not expired.

Which is the expected behaviour from an application point of view? Should the SGCB be protected? Note that a setting group can also be selected by other means than IEC 61850 services: HMI or binary inputs.

History

#1 - 12/06/2022 08:20 AM - Vladan Cvejic

- Status changed from New to Closed

- Discuss in Upcoming Meeting changed from Yes to No

- Proposal descriptions updated

#2 - 12/06/2022 09:39 AM - Vladan Cvejic

- Proposal descriptions updated

- Editing and Activating Setting groups are two independent actions
- UF TF suggest that there should be no change regarding this issue