Server - Issues #6198

How to interpret SCL with Services element in the IED and in the AccessPoint?

12/08/2022 02:44 PM - John Bruder

Status:	Closed		**Due date:**	01/24/2023
Priority:	Normal			
Assignee:	Richard Schimmel			
Category:				
Target version:				
Discuss in Upcoming Meeting:	Yes		**Updated Test Document:**	TP1.3
Clause Reference:			**Test Case ID:**	
61850 Standard:	6		**Closed Reason:**	--Not Set---
Triggering Tissue:			**Triggering Tissue 2:**	
Final Decision:			**Triggering Tissue 3:**	
Initial Test Document:				

Description

I found this statement in IEC 61850-6

> defined at IED level. As general rule each element of the Services section shall only be used either at IED level, being common for all servers and access points, or at access point level, being then valid only for this access point. If it is not defined at any level, the defaults as...

History

#1 - 12/08/2022 03:04 PM - John Bruder

- Subject changed from How to handle SCL with Services in the IED and in the AccessPoint to How to interpret SCL with Services element in the IED and in the AccessPoint?

- Discuss in Upcoming Meeting changed from No to Yes

- 61850 Standard 6 added

I found a statement in IEC 61850-6 saying that "As a general rule each element of the Services section shall only be used either at IED level ... or at access point level".

Is it practical for SCL tools to enforce that "rule"?
Should a conformance test enforce that "rule"?

If not, I would assume that if a setting is present in both places, the setting in the "access point" should take precedence.

Is that a reasonable assumption?

#2 - 12/13/2022 08:29 AM - Herbert Falk

- Due date set to 01/10/2023

- Status changed from New to In Progress

- Assignee set to Camille Bloch

Need to formulate a test for both Client and Servers. Need new scnf tests.

In general, the AP is the authority of the service capability and APs must declare what they support if they are different than the IED. In the case where they are different the services should not be reflected in the IED section. The exception is the count of control blocks for communication and subscription.

#3 - 12/16/2022 03:03 AM - Camille Bloch

- File Solution to redmine 6198 Services check by AP.docx added

add solution

#4 - 01/10/2023 08:51 AM - IEC 61850 TPWG

- Due date changed from 01/10/2023 to 01/24/2023

- Status changed from In Progress to Resolved

- Assignee changed from Camille Bloch to Richard Schimmel

Proposal accepted.

#5 - 03/01/2024 09:59 AM - Richard Schimmel

- Status changed from Resolved to Closed

- Updated Test Document set to TP1.3

Files

clipboard-202212081543-9pxcb.png	30.7 KB	12/08/2022	John Bruder
Solution to redmine 6198 Services check by AP.docx	21.3 KB	12/16/2022	Camille Bloch