

Server - Issues #6753

sGos20, sGos21 force DUT as Subscriber to ignore future edition dataset elements, while 61850-7-1 expects achievable forward compatibility

04/03/2024 08:51 AM - Ursula Kramarczyk

Status: In Progress	Due date: 05/28/2024
Priority: Normal	
Assignee: Richard Schimmel	
Category:	
Target version:	
Discuss in Upcoming Meeting: Yes	Updated Test Document:
Clause Reference: Annex K	Test Case ID: sGos21
61850 Standard: 7-1	Closed Reason: --Not Set--
Triggering Tissue:	Triggering Tissue 2:
Final Decision:	Triggering Tissue 3:
Initial Test Document:	
Description	
<p>The expected result of sGos20 and sGos21 forces the Subscriber to ignore the state change of future edition elements. The Annex K states "the subscriber to <u>at least be able</u> to ignore". Thus, the subscriber is allowed to evaluate the received future edition elements (and be fully forward compatible). To ignore it is the worst case scenario. A SCL file of a publisher might be sufficient to "teach" a Subscriber to evaluate the received data, e.g. by devices supporting free defined private data types.</p> <p>Note: using the ping-pong to perform the test, the subscriber test cannot expect the DUT to publish or report future edition elements. A fully forward compatible DUT might be able to send it anyway.</p> <p>Proposal: use wording from the Annex K. In sGos20 step 1 and 3, and sGos21 step 1 and 3, replace text "DUT ignores the state change" with "DUT at least is able to ignore state change".</p>	

History

#1 - 04/16/2024 08:45 AM - IEC 61850 TPWG

- Due date set to 04/30/2024

- Status changed from New to In Progress

- Assignee set to Richard Schimmel

accepted

#2 - 04/30/2024 08:26 AM - IEC 61850 TPWG

- Due date changed from 04/30/2024 to 05/28/2024