

Server - Issues #5917

'Expected result' for some test cases of CB9b: GOOSE subscribe

08/02/2022 11:53 AM - yifan wang

Status: Resolved	Due date: 10/18/2022
Priority: Urgent	
Assignee: Richard Schimmel	
Category:	
Target version:	
Discuss in Upcoming Meeting: No	Updated Test Document:
Clause Reference: Ed2.0 Server TP2.0.6 CB9b: GOOSE subscribe	Test Case ID: sGos1, sGos8, sGos9, sGos10, sGos11, sGos12, sGos13, sGos23.
61850 Standard:	Closed Reason: --Not Set--
Triggering Tissue:	Triggering Tissue 2:
Final Decision:	Triggering Tissue 3:
Initial Test Document: Ed2Amd1 TP1.1 and Ed2 TP2.0.6	

Description

According to page 156 of Ed2.0 Server TP2.0.6:

"To perform the DUT subscribe test procedures the DUT need to be configured as follows:

- a data value that is connected to a subscribed GOOSE member, e.g. GGIO.SPS01
- a data set that contains the value of this data point
- a GoCB that publishes this data set (or a RCB that sends a data change/quality change report)"

Suggest to update the description for some test cases of CB9b: GOOSE subscribe:

'Expected result': "DUT updates the value and sends a GOOSE message with changed status value" => "DUT updates the changed status value"

'Test description': "Test engineer configures the DUT with subscribed GOOSE (ping-pong mechanism)" => "Test engineer configures the DUT with the ping-pong mechanism ("the ping-pong mechanism" can either be using GOOSE or RCB)"

History

#1 - 08/02/2022 11:54 AM - yifan wang

- Clause Reference set to Ed2.0 Server TP2.0.6 CB9b: GOOSE subscribe

#2 - 08/09/2022 09:00 AM - IEC 61850 TPWG

- Due date changed from 08/03/2022 to 09/06/2022

- Status changed from New to In Progress

- Assignee set to Richard Schimmel

#3 - 08/09/2022 10:21 AM - yifan wang

- Description updated

- Priority changed from Normal to Urgent

#4 - 08/23/2022 09:29 AM - Richard Schimmel

- File Solution to redmine sGos with report 5917.docx added

- Initial Test Document set to Ed2Amd1 TP1.1 and Ed2 TP2.0.6

see proposal attached file

#5 - 09/06/2022 08:13 AM - IEC 61850 TPWG

- Due date changed from 09/06/2022 to 09/20/2022

#6 - 09/06/2022 10:18 AM - Thierry Dufaure

I principle I agree,

The attached file nevertheless only concentrate on changing: "GOOSE message" to "GOOSE message or Report", but does not change the test description:

"with subscribed GOOSE (ping-pong meachnism)" to the proposed "with the pinong-pong mechanism involving GOOSE subscription, and either GOOSE publish or Report"....

I think the attached proposal need to be updated.

#7 - 10/04/2022 02:57 AM - Richard Schimmel

- *File Solution to redmine sGos with report 5917 (4oct2022).docx added*

The "goose ping-pong mechanism" is specified in detail after the table of abstract test procedures. And then referred to in each test procedure. We don't need to copy the ping-pong mechanism details in each test procedure again. I propose we just improve the introduction text:

To perform the DUT subscribe test procedures the DUT need to be configured with a **GOOSE ping-pong mechanism** as follows:

- a data value that is connected to a subscribed GOOSE member, e.g. GGIO.SPS01
- a data set that contains the value of this data point
- a GoCB that publishes this data set **or a RCB that sends a data change/quality change report**
- the subscribed GOOSE messages have variable length encoding unless specified otherwise (sGos9)

#8 - 10/04/2022 08:57 AM - IEC 61850 TPWG

"GOOSE ping-pong" change to "ping-pong", otherwise accepted.

#9 - 10/04/2022 09:16 AM - IEC 61850 TPWG

- *Due date changed from 09/20/2022 to 10/18/2022*

#10 - 10/05/2022 02:11 AM - Richard Schimmel

- *File Solution to redmine sGos with report 5917 (5oct2022).docx added*

Updated the attachment as agreed upon

#11 - 10/17/2022 09:42 AM - Thierry Dufaure

I agree with the proposed changed of draft from Oct, 5th.

#12 - 10/18/2022 08:59 AM - IEC 61850 TPWG

- *Status changed from In Progress to Resolved*

Files

Solution to redmine sGos with report 5917.docx	39.1 KB	08/23/2022	Richard Schimmel
Solution to redmine sGos with report 5917 (4oct2022).docx	40.5 KB	10/04/2022	Richard Schimmel
Solution to redmine sGos with report 5917 (5oct2022).docx	40.5 KB	10/05/2022	Richard Schimmel