Server - Issues #6723

GOOSE destination MAC address according Amd1: PIXIT Gs1 mismatches enhancement of sGos5

02/27/2024 07:54 AM - Ursula Kramarczyk

Status:	In Progress	**Due date:**	04/30/2024
Priority:	Normal		
Assignee:	Richard Schimmel		
Category:			
Target version:			
Discuss in Upcoming Meeting:	No	**Updated Test Document:**	
Clause Reference:		**Test Case ID:**	
61850 Standard:		**Closed Reason:**	--Not Set---
Triggering Tissue:		**Triggering Tissue 2:**	
Final Decision:		**Triggering Tissue 3:**	
Initial Test Document:			

Description

The edition 2 amendment 1 in 61850-8-1 25.3.2 and Annex B results in changes in validation of destination MAC address in GOOSE multicast (compare TISSUE 1890). In edition <= 2.0 there was MAC-address range, in amd1 it became "only" a recommendation.

- The sGos5 references to -8-1 subclause 18.1, but the Layer 2 Addressing is the subclause 25.3.2; and in Annex B.
- In PIXIT Gs1, in Notes - add bullet for Ed2.1 destination MAC address. In ed.2.1 the value Y is not valid anymore (all data accepted by any MAC multicast address; and sGos5 is mandatory).

  Or does "Y" mean that DUT only checks if it is multicast, and not the range (check of first and second bits in the first octet)?

- In 'GOOSE Subscribe' the table 'Abstract test cases': the sGos5 entry does not match the sGos5 title (missing … "and destination MAC-address outside recommended range").

History

#1 - 04/02/2024 09:16 AM - IEC 61850 TPWG

- Due date set to 04/16/2024

- Status changed from New to In Progress

- Assignee set to Richard Schimmel

Clarify PIXIT meaning.

Richard to submit proposal.

#2 - 04/16/2024 08:41 AM - IEC 61850 TPWG

- Project changed from Test Procedure Issues to Server

- Due date changed from 04/16/2024 to 04/30/2024

- Discuss in Upcoming Meeting set to No

- Closed Reason --Not Set--- added