IEC 61850 User Feedback Task Force - Feature #594

Reverse engineering of subscription is not possible when Server and ServerAt APs are connected to the same SubNetwork

02/03/2021 02:07 PM - Herbert Falk

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Implementation - improve conformance testing	**Estimated time:**	0.00 hour
Target version:			
ID:	1642_01	**To discuss in WG10:**	
Source:	IOP_2019	**Short Proposal:**	
TF Unique ID:	1642_01 # IOP_2019	**Standard(s):**	IEC 61850-6
WG10 Proposal:	The standard is clear. It is an implementation issue however we may consider to allow in the future as part of other discussions related to subnetwork.	**Needs More Information:**	
Estimated Completion:		**Assigned TF:**	
Discuss in Upcoming Meeting:	No		

Description

Server and ServerAt access points are connected to the same SubNetwork.
Reverse engineering of subscription is not possible at SCD import.
According to part 6:

> The *ServerAt* element references an existing access point, which shall contain a server. It can be used to define another access point to the same server. It has to be taken in mind, that this other access point shall be connected to Subnetworks other than all other access points of this server, and that all access points share all control block instances of the defined server. This means especially, that if a GOOSE message shall be sent to different Subnetworks, then another GOOSE control block instance shall be used.

```
<xs:complexType name="tServerAt">
    <xs:complexContent>
        <xs:extension base="tUnNaming">
            <xs:attribute name="apName" type="tName" use="required"/>
        </xs:extension>
    </xs:complexContent>
</xs:complexType>
```

History

#1 - 02/11/2021 06:47 AM - Vladan Cvejic

*- Subject changed from Server and ServerAt access points are connected to the same SubNetwork.
Reverse engineering of subscription is not possible at S to Reverse engineering of subscription is not possible when Server and ServerAt APs are connected to the same SubNetwork*

- Description updated

- Status changed from New to In Progress

- Standard(s) changed from 6 to IEC 61850-6

- Discuss in Upcoming Meeting set to No

Checking done.

#2 - 02/15/2021 12:36 PM - Vladan Cvejic

- File Pic_1642_01.png added

- Description updated

#3 - 06/21/2022 09:29 AM - Carlos Rodriguez del Castillo

- Status changed from In Progress to Closed

Confirm to IEC 61850-6 editor the issue has been accounted for

Files

Pic_1642_01.png	105 KB	02/15/2021	Vladan Cvejic