IEC 61850 User Feedback Task Force - Feature #591

A reservation could not be made via SCL for an IED's report due to the lack of a ConnectedAP associated with the client's AP

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

Status:	Closed	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:	Standard clarification required	**Estimated time:**	0.00 hour
Target version:			
ID:	1857	**To discuss in WG10:**	No
Source:	IOP_2019	**Short Proposal:**	The above citations show a need for clarification of the standard. The first citation seems to suggest that a ConnectedAP is only applicable to a server. The second seems to suggest that AccessPoint addresses are required to be unique – preventing a client and server from sharing an IP address.
TF Unique ID:	1857 # IOP_2019	**Standard(s):**	IEC 61850-6
WG10 Proposal:	Clarification will be done through tissues of issues 1337 and 1800.See 1337 issue.	**Needs More Information:**	
Estimated Completion:	2022	**Assigned TF:**	
Discuss in Upcoming Meeting:	No		

Description

A reservation could not be made via SCL for an IED's report due to the lack of a ConnectedAP associated with the client's AccessPoint.

The ICD file describes its client and server via independent AccessPoint definitions.

-6 Ed2 :
First paragraph after table 36
"Each connected access point optionally has one server-related address, and additional address information for real time communication-related control blocks such as GSE control and SMV control. If all three are missing, it describes only the Subnetwork connection topology, for example for communication performance studies. For a complete SCD file, either the server address or at least one control block address shall be specified."

9.4.3 Address definition
Second paragraph:
"The access point address shall be filled with a unique value at least for server type access points to get a complete SCD description."

Related issues:

Related to IEC 61850 User Feedback Task Force - Feature #585: SCT unable to c...	**Closed**
Related to IEC 61850 User Feedback Task Force - Feature #590: ICT fails to ch...	**Resolved**

History

#1 - 02/11/2021 06:54 AM - Vladan Cvejic

- Subject changed from A reservation could not be made via SCL for an IED's report due to the lack of a ConnectedAP associated with the client's Access to A reservation could not be made via SCL for an IED's report due to the lack of a ConnectedAP associated with the client's AP

- Status changed from New to In Progress

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

- WG10 Proposal changed from Clarification will be done through tissues of issues 1337 and 1800.

See 1337 issue. to Clarification will be done through tissues of issues 1337 and 1800.See 1337 issue.

- Estimated Completion changed from 2022
to 2022

- Discuss in Upcoming Meeting set to No

Checking done.

#2 - 06/21/2022 09:30 AM - Carlos Rodriguez del Castillo

- Discuss in Upcoming Meeting changed from No to Yes

#3 - 07/05/2022 08:33 AM - Vladan Cvejic

- Related to Feature #585: SCT unable to configure the device to communicate on multiple subnets due to having a single AP (with all Eth. Ports) added

#4 - 07/05/2022 08:33 AM - Vladan Cvejic

- Related to Feature #590: ICT fails to check validity of the SCD file regarding the IED constraints added

#5 - 07/05/2022 08:34 AM - Vladan Cvejic

- Status changed from In Progress to Closed

- Discuss in Upcoming Meeting changed from Yes to No

- To discuss in WG10 set to No

Covered with related issues in redmine ([#590](#), [#585](#)). It will be closed.