60802 PAR Modification

For RPC definition in IEC/IEEE 60802

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Required RPCs for 60802 (AddStream)

An additional RPC is required for extension of the UNI YANG model according to Qdj comment resolution:

CI **46**   SC **46.2.7**   P **27**   L **25**   # **77**

Stamenic, Nemanja   Siemens [AG]

Comment Type   **TR**   Comment Status **R**

The RPCs that are defined do not deal with the requirements of the requested stream. They trigger the computations of streams under the assumption that the stream requirements are already present in the data store. This means that a CUC will have to manually lock the data store while writing the stream requirements. This would lock other CUCs out and prevent them from entering their requirements during that time.

SuggestedRemedy

Define at least one RPC that would have stream requirements as input arguments. For example:
- AddStreams or RequestStreams RPC
 A contribution is being prepared.
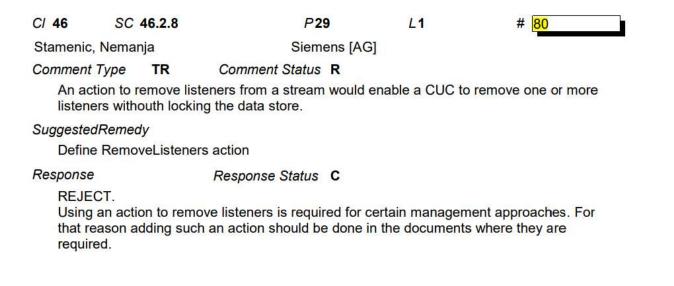
Response   Response Status **C**

REJECT.
Using an RPC to add streams is required for certain management approaches. For that reason adding such an RPC should be done in the documents where they are required.

For Details see: 60802-Stamenic-NETCONF-Simultaneous-Requests-12-21-v01.pdf

Required RPCs for 60802 (RemoveListener and AddListener)

Two additional RPCs are required for extension of the UNI YANG model according to Qdj comment resolution:

CI **46**	SC **46.2.8**	P **29**	L **1**	#	**80**

Stamenic, Nemanja   Siemens [AG]

Comment Type   **TR**   Comment Status   **R**

> An action to remove listeners from a stream would enable a CUC to remove one or more listeners withouth locking the data store.

SuggestedRemedy

> Define RemoveListeners action

Response   Response Status   **C**

> REJECT.
> Using an action to remove listeners is required for certain management approaches. For that reason adding such an action should be done in the documents where they are required.

For Details see: 60802-Stamenic-NETCONF-Simultaneous-Requests-12-21-v01.pdf

RPC for Prepare Device for 60802 Configuration

- 60802 Comment #**???** suggests to use RFC 8808 for this functionality

- An augmentation of the RPC in this YANG module is required to differentiate between general reset-to-factory-default and specific reset to factory for 60802 configuration

- There is no need to define a **new** RPC for this functionality

Actual PAR Scope

5.2 Scope of proposed standard: This document defines time-sensitive networking profiles for industrial automation. The profiles select features, options, configurations, defaults, protocols, and procedures of bridges, end stations, and LANs to build industrial automation networks. This document also specifies YANG modules defining read-only information available online and offline as a digital data sheet. This document also specifies YANG modules defining read-only information available online and offline as a digital data sheet.

Proposed new PAR Scope

5.2 Change to Scope of proposed standard: This document defines time-sensitive networking profiles for industrial automation. The profiles select features, options, configurations, defaults, protocols, and procedures of bridges, end stations, and LANs to build industrial automation networks. This document also specifies YANG modules defining read-only information available online and offline as a digital data sheet. This document also specifies YANG modules defining <u>remote procedure calls and</u> read-only information available online and offline as a digital data sheet.

Questions?