Revisiting Need for Config Domain ID Object in IEEE 802.1Qdj

Rodrigo Ferreira Coelho [Siemens AG]
Motivation

Configuration Domain ID = Green

Configuration Domain ID = Blue
Original motivations for a Config Domain ID

1. Identify/ assign CNC to Stations (resource manager)
2. Identify/ assign Stations to CNC (topology discovery)
3. Identify/ isolate boundary ports
Alternatives for Configuration Domain ID

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Config domain ID can be replaced by
- NETCONF (with TLS) + NACM (Network Access Control Management) defining which CNC may configure which Stations
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Config domain ID can be replaced by

- NETCONF (with TLS) + NACM (Network Access Control Management) defining which Stations may be visible by which CNC
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Config domain ID can be replaced by
- Via YANG and CNC: identify neighborhood and activate port (see 60802-Steindl-Boundary-Port-Isolation-0322-v01.pdf)
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Any other motivation missing?
Further questions?
Contact

Dr. Rodrigo Ferreira Coelho
System Architect
DI FA CTR ICO ARC
Siemenspromenade 1
91058 Erlangen
Deutschland

Phone: +49 9131 17-45546
E-mail: rodrigo.ferreira_coelho@siemens.com