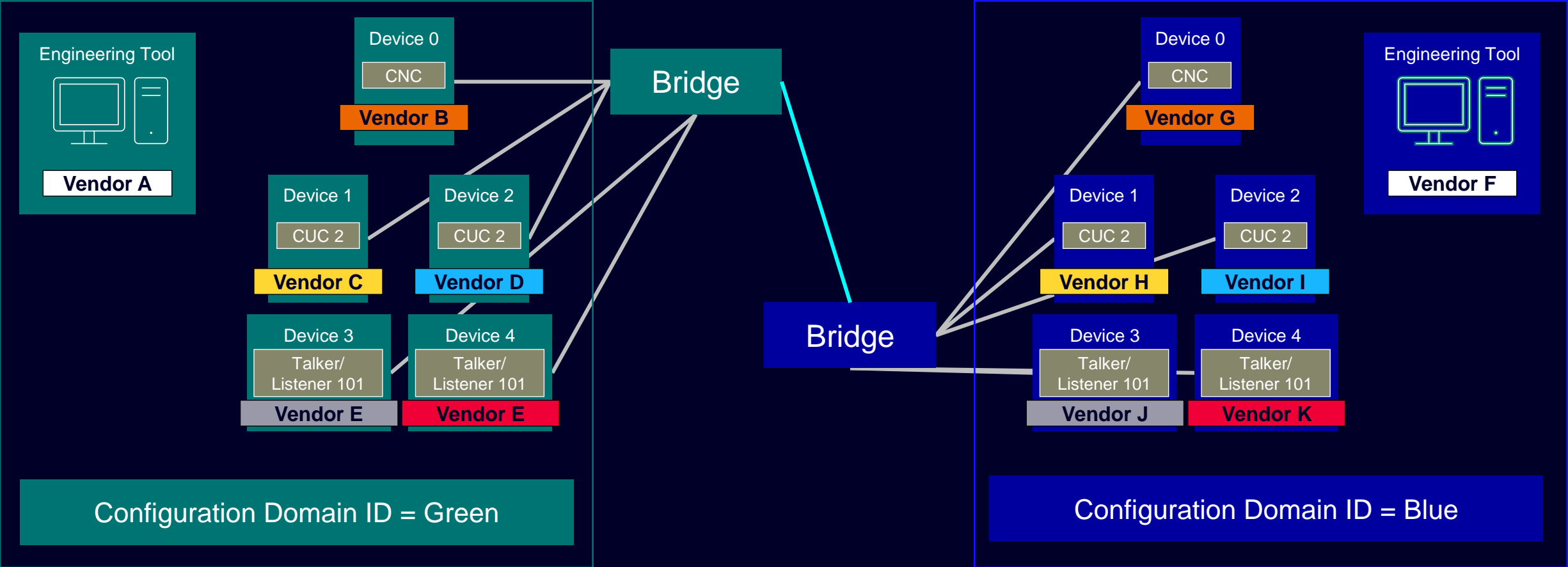


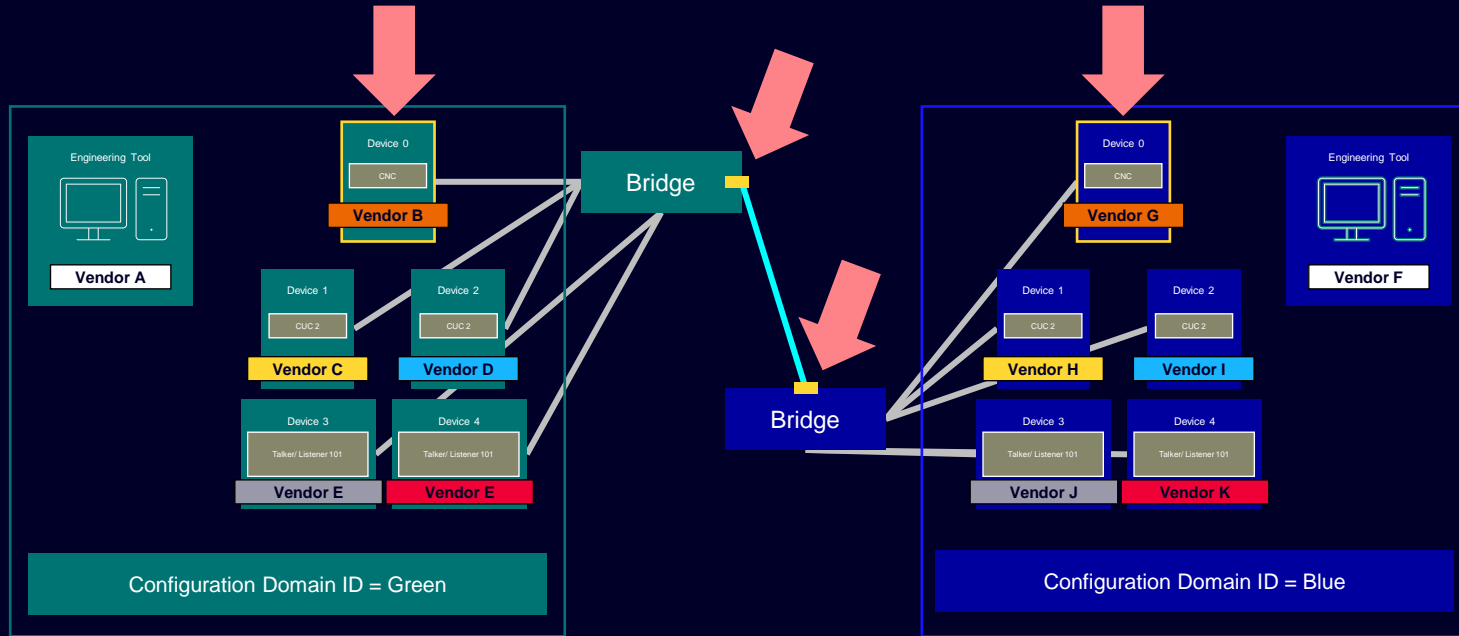
Revisiting Need for Config Domain ID Object in IEEE 802.1Qdj

Rodrigo Ferreira Coelho [Siemens AG]

Motivation



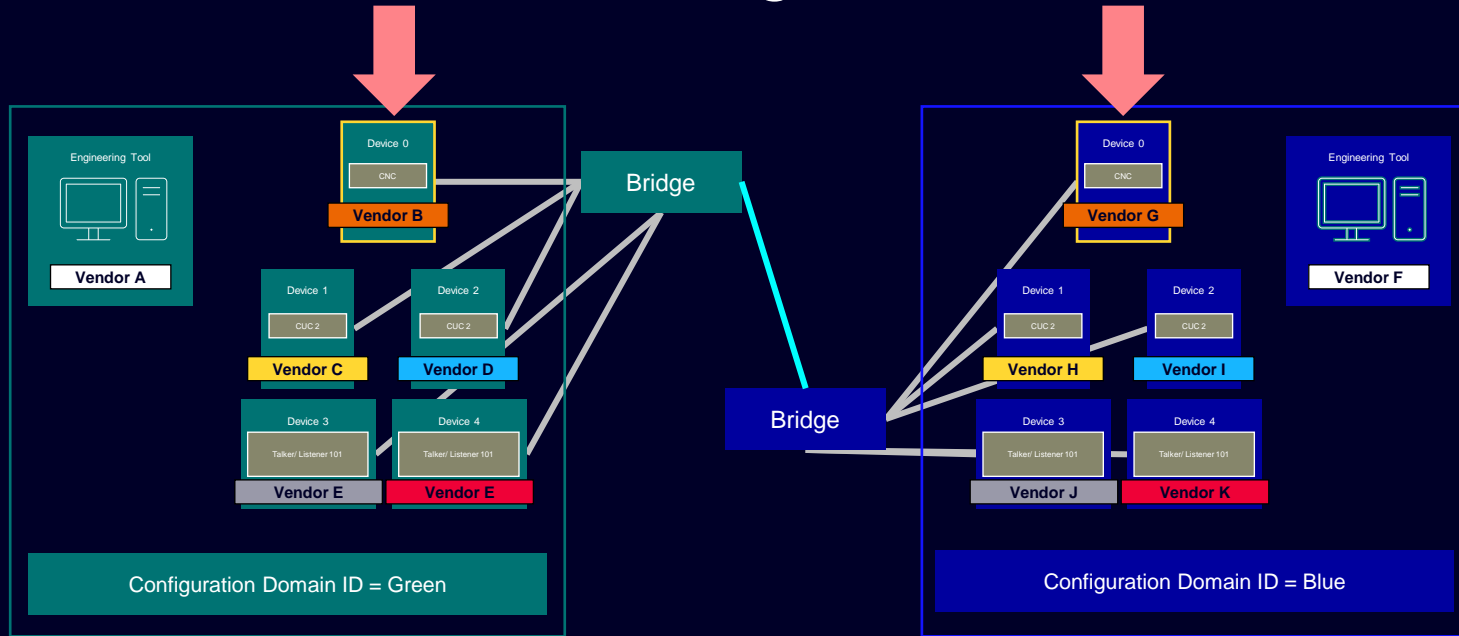
Motivation



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



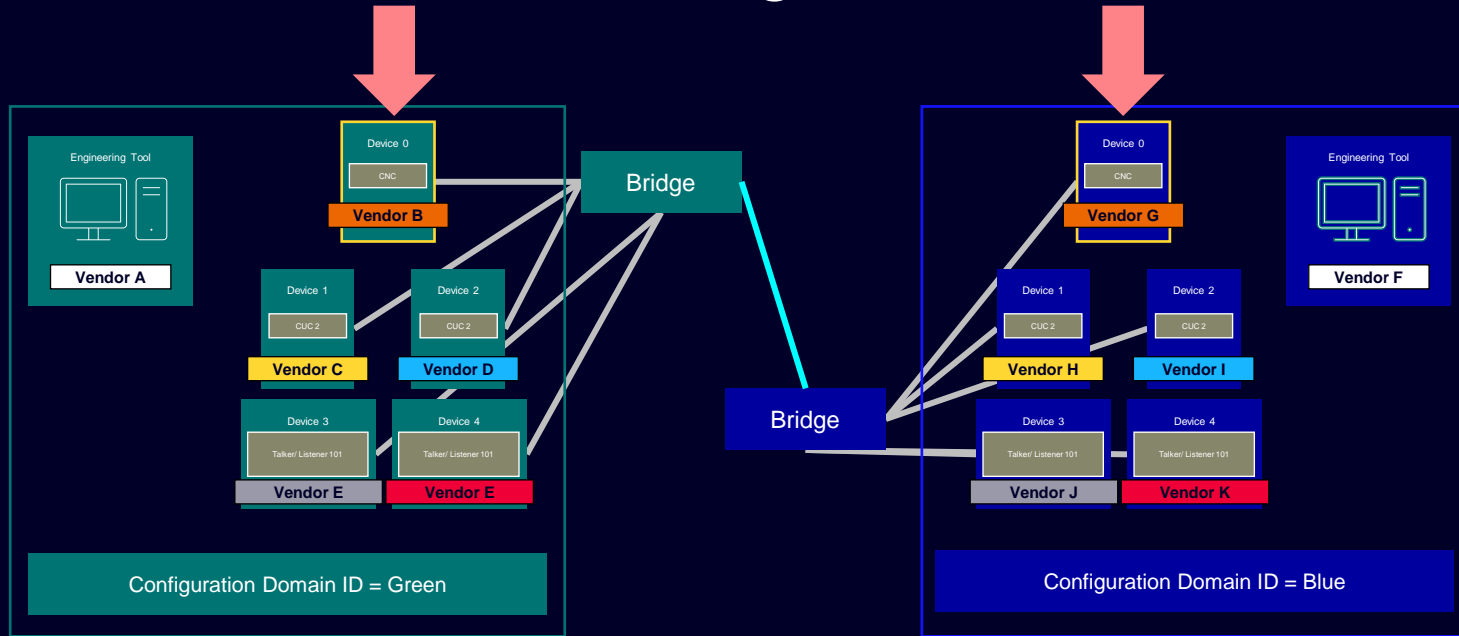
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- **NETCONF** (with TLS) + **NACM** (Network Access Control Management) defining which CNC may configure which Stations

Alternatives for Configuration Domain ID



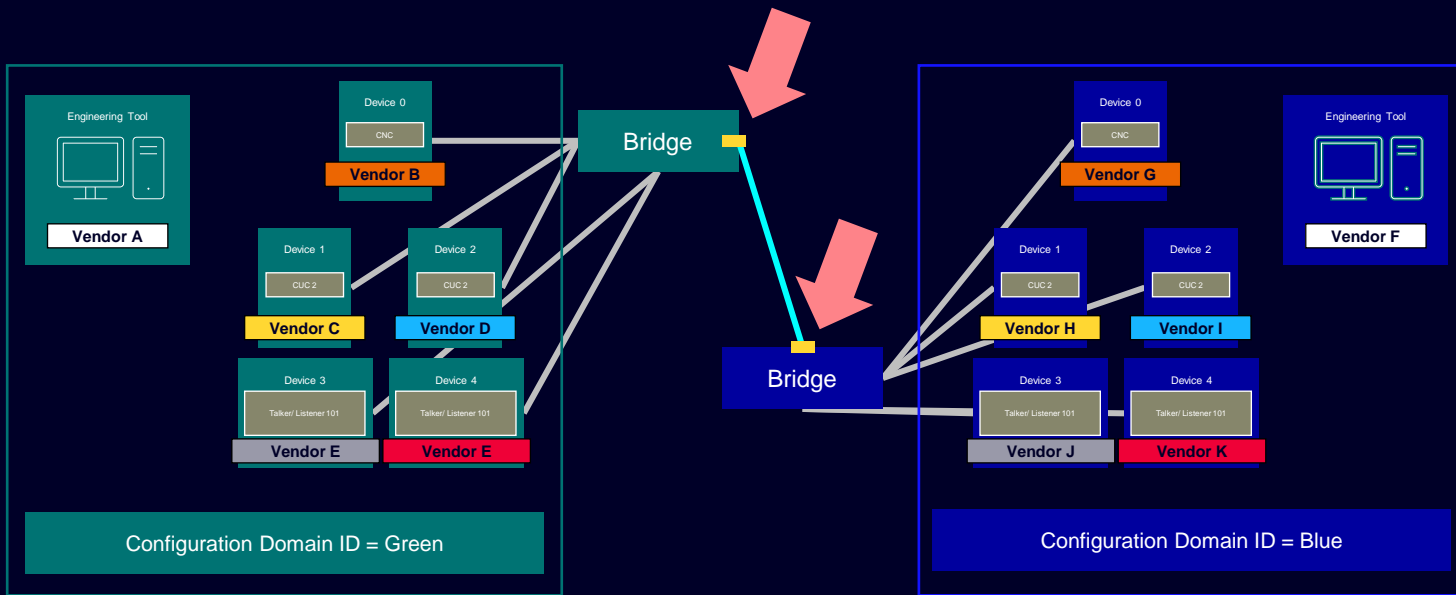
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Config domain ID can be replaced by

- **NETCONF** (with TLS) + **NACM** (Network Access Control Management) defining **which Stations may be visible by which CNC**

Alternatives for Configuration Domain ID



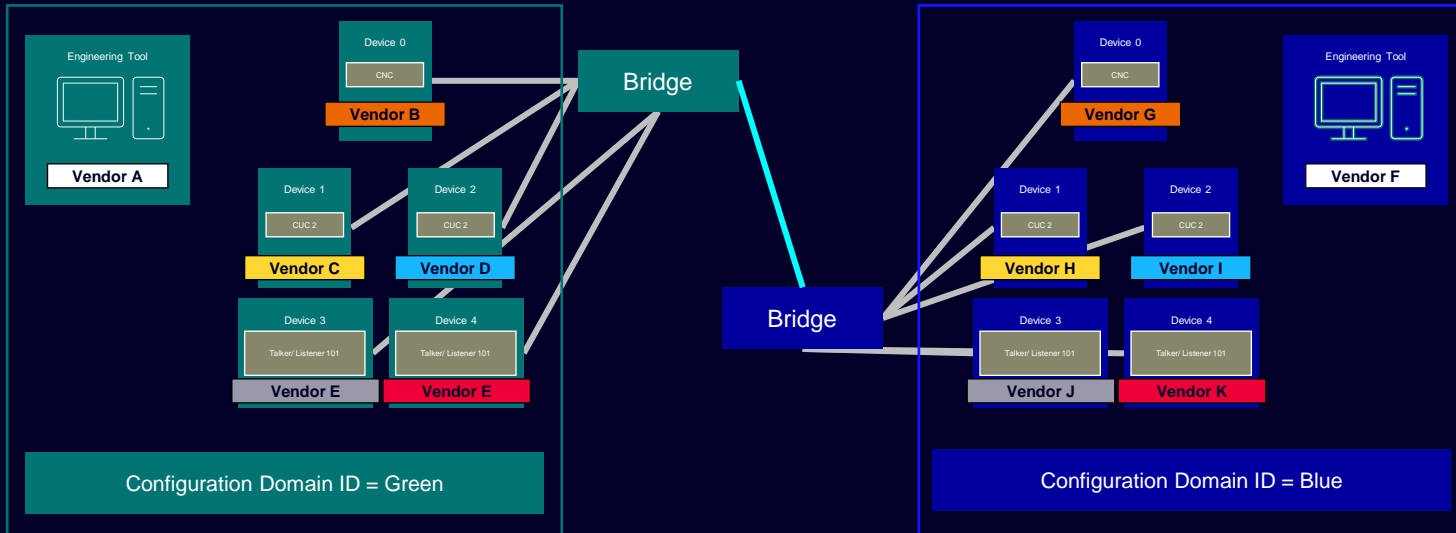
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Config domain ID can be replaced by

- Via YANG and CNC: identify neighborhood and activate port (see 60802-Steindl-Boundary-Port-Isolation-0322-v01.pdf)

Missing anything?



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

Any other motivation missing?

| Further questions?

| Contact

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