

802.1Qcc : Assumptions

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- TSN will support its existing plug&play model (AVB), and a new centralized model
 - Some TSN features will be limited to centralized model
 - E.g. Scheduling
- Centralized model requires new TLVs
 - Includes TLVs for end systems: User/Network Interface (UNI)
- SRP is a protocol that will carry UNI TLVs
 - UNI is stated in Qcc PAR
- SRP is not the only protocol that will carry UNI TLVs

802.1Qcc Editor's Proposal for D0.2

- Enhance MRP to carry TLVs
 - Support typical TLV structure
 - E.g. IS-IS, 1588, RSVP, PCEP, ...
- Create distinct clause in .1Q for UNI TLVs
 - Not in clause 35
 - In future we may decide to move this clause out of 802.1Q
 - Let's cross that bridge when we get there
 - Analogous to BA-like intro and Qbv-policing in .1CB
 - We have a solid straw man
 - <http://www.ieee802.org/1/files/public/docs2014/cc-nfinn-control-flows-0414-v02.pdf>
 - Can be used in a manner similar to my comments on .1CB

Thank You