

802.1Qcc: Protocols by Model

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Protocols by Model

Protocol \ Model	SPAP ¹	YANG-based management ²	LLDP bridge	LLDP end station	ISIS-PCR
Fully Centralized	N/A	shall	shall	shall	N/A
Centralized / Distributed	shall	shall	shall	N/A	N/A
Fully Distributed	shall	may	N/A	N/A	may ³

1. Signaling Protocol that is Actually Published (SPAP)
 - For .1Qcc work today, this is MRP (i.e. MSRPv0 and v1)
 - When IS-IS-like protocol is ready, use per port (i.e. MSRPv2)
2. Published YANG-based remote management protocol
 - Baseline in .1BA-like standard; Applications can use others
3. For seamless redundancy path computation using BLCE