

# 802.1Qcc (SRP Enhancements) Notes for Editor's Draft D0.0

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# Overview of D0.0

- Initial editor's draft
  - <http://ieee802.org/1/files/private/cc-drafts/d0/802-1cc-d0-0.pdf>
  - Talker pruning per port
    - Add per-port filtering by destination\_address in Talker Advertise
  - Talker VLAN pruning
    - Filtering by vlan\_identifier in Talker Advertise
  - Moved assumptions to Annex Z
- Discussion topics
  - Contradiction on VLAN pruning
  - Approach to Annex Z over time

# Contradiction on VLAN Pruning (1 of 2)

- 802.1Q-2011 35.1.3.1: VLAN pruning enabled by default

For the purposes of MSRP Attribute Propagation (35.2.4), a Declaration is said to be “blocked” on a Bridge Port if the state of the Spanning Tree Instance identified by the `vlan_identifier` in the `DataFrameParameters` (35.2.2.8.3) of the Declaration, on that Bridge Port, has any value other than Forwarding.

- 802.1Q-2011 35.1.2.2: VLAN pruning disabled by default

If the Listener receives a Talker Advertise declaration, and the Listener is ready to receive the Stream, the Listener shall declare the following in the order specified:

- 1) An MVRP VLAN membership request for the `vlan_identifier` contained in the Talker Advertise `DataFrameParameters` [35.2.2.8.3(b)] so the neighboring bridge will add the associated Bridge Port to the member set for the VLAN;
  - 2) An MSRP Listener Ready declaration for the Stream.
- I assume both cannot be true

# Contradiction on VLAN Pruning (2 of 2)

- To resolve this, we need to find the correct default
  - AVB would not work today if enabled by default
    - Listeners would not receive Talker Advertise
  - Spanning & VLAN clauses say nothing about this blocking
  - VLAN pruning was a request for 802.1Qcc
    - This request arose from fact that it is disabled
- My assumption: VLAN pruning disabled by default
  - I added VLAN pruning, disabled by default
  - I removed text that implies VLAN pruning enabled by default

# Approach to Annex Z Over Time

- Copied bullets and retained colors
- Two sub-clauses

## **Z.1 Assumptions Reflected in the Draft**

The editor considers the following items to be reflected in the draft, such that subsequent comment can occur through feedback and balloting of the draft. If significant issues arise, these items can be moved back to sub-clause Z.2 for further elaboration.

## **Z.2 Remaining Assumptions**