



# Thoughts on the DCBX TLVs

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az-pelissier-dcbx-tlv-thoughts-0209

# Things to consider...

- **Priority Group TLV:**

**End station suggesting Assignment of Priorities to Priority Groups to a bridge is problematic**

Endstation does not know bridge's priority to traffic class mapping, therefore, it has insufficient information to prevent conflicting assignments

**Use case for negotiating group assignment bridge to bridge or endstation to bridge needs to be better understood**

May wish to consider restricting the “willingness” of this for be from bridges to end stations

**May wish to enable a bi-directional asymmetric assignment of bandwidth**

**Need to close on percent issue (see az-pelissier-percentproblem-0209).**

# Things to consider...

- **Application Priority TLV:**

**It is not clear that there is a valid use case to negotiate this from end station to bridge or bridge to bridge**

Some work on this is being done offline

**If a use case is not found, we may wish to consider restricting the negotiation of this to be from a bridge to an endstation**

## Things to consider...

- **In az-pelissier-dcbx-simplified-0209v2, the use of the willing bit is described in multiple TLVs.**

**If, once we get through the other considerations, it turns out that willing remains in multiple TLVs, we should consider reorganizing the document to give a general description of the use of the willing bit, instead of repeating it each time.**

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Thank You!