Existing Qbb PAR

Scope: This standard specifies protocols, procedures and managed objects that enable flow control per traffic class on IEEE 802 full-duplex links. Operation of priority-based flow control is limited to a domain controlled by a Data Center Bridging control protocol that controls the application of Priority-based Flow Control, Enhanced Transmission Selection, and Congestion Notification.

Proposed change to Qaz PAR

Scope: This standard specifies protocols, procedures and managed objects for enhancement of transmission selection to support allocation of bandwidth amongst traffic classes. When the offered load in a traffic class doesn't use its allocated bandwidth, enhanced transmission selection will allow other traffic classes to use the available bandwidth. The bandwidth-allocation priorities will share bandwidth between bursty traffic loads while coexisting with the strict priority mechanisms already defined in Std 802.1Q, carrying traffic requiring minimum latency. It includes definition of a Data Center Bridging control protocol that controls the application of Enhanced Transmission Selection and Priority-based Flow Control.