

P802.1Qee – “Traffic Engineering for Bridged Networks that include Wireless Technologies” Update

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Editor

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Recap: P802.1Qee Scope

This amendment specifies procedures and YANG data models to extend bridge attributes for traffic engineering for bridged networks that include wireless technologies whose delay variance is beyond that of point-to-point wireline MAC technologies.

Recap

Comment from [kick-off](#) discussion:

Have a “home” (sub)clause for the subject of the amendment

... seeking for home ...

NOTE – Bridge Delay attribute is only described in Clause 12, but Clause 12 is not a home.

Clause 12 is not the right place

12.32 Stream reservation management

12.32.1 Bridge Delay

12.32.2 Propagation Delay

12.32.3 Static Trees

12.32.4 MRP External Control ← *not TE, hence not in the scope of P802.1Qee*

Clause 46 would be better

46 Time-Sensitive Networking (TSN) configuration

46.1 Overview of TSN configuration

46.1.1 Streams, Talkers, and Listeners

46.1.2 TSN configuration protocols

46.1.3 TSN configuration models

46.1.4 Stream identification and transformation

46.1.5 Centralized User Configuration

46.1.6 Centralized Network Configuration

46.1.7 Configuration Domain

46.2 User/network configuration information

46.2.1 Data types

46.2.2 Protocol integration

46.2.3 Talker

46.2.4 Listener

...

Proposed actions

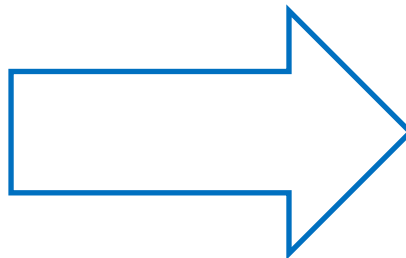
Step 1: Move from Clause 12 to Clause 46

12.32 Stream reservation management

12.32.1 Bridge Delay

12.32.2 Propagation Delay

12.32.3 Static Trees



46 Time-Sensitive Networking (TSN) configuration

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46.1.5 Centralized User Configuration

46.1.6 Centralized Network Configuration

46.1.7 Configuration Domain

46.1.8 Stream reservation management

46.1.8.1 Bridge Delay

46.1.8.2 Propagation Delay

46.1.8.3 Static Trees

46.2 User/network configuration information

Step 2: Rewrite as needed to accommodate

46.1.8 Stream reservation management

...

46.1.8 .1 Bridge Delay

...

46.1.8 .2 Propagation Delay

...

46.1.8 .3 Static Trees

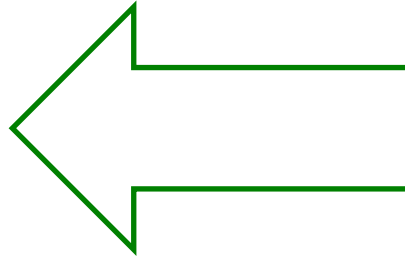
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Step 3: Add bridge attribute extensions

46.1.8 Stream reservation management

46.1.8 .1 Bridge Delay

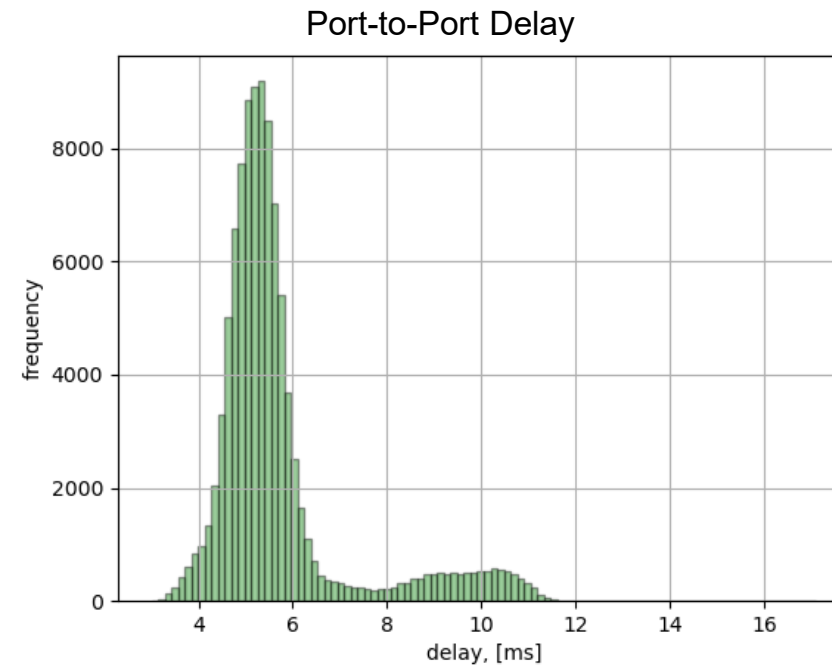
P802.1Qee content



46.1.8 .2 Propagation Delay

46.1.8 .3 Static Trees

P802.1Qee content in support of



Discussion



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