

## Introduction

This document is a proposal by the P802.1Qcr editor, Johannes Specht, to synchronize the subclause numbering in clause 48 (“YANG Data Model”) and the YANG-<n> items in clause A.48 of IEEE 802.1Q across P802.1Qcr and P802.1Qcw. An initial attempt for such a synchronization was taken earlier in the context of the restructuring of clause 48 in 802.1Q (<https://www.ieee802.org/1/files/public/docs2019/cr-specht-d1-0-comment101-cl48preview-0619-v02.pdf>) – but we were not entirely consistent.

The subsequent proposal takes the latest subclause numbers introduced by IEEE Std 802.1Qcx-2020 into account. It is assumed that P802.1Qcr is incorporated into the IEEE Std 802.1Q-2020 revision, and P802.1Qcw is the next 802.1Q amendment project to be incorporated into a future revision of IEEE Std 802.1Q.

The subsequent proposal shows the subclause titles, extended by a project shortcut (e.g., “[Qcx]” for IEEE Std 802.1Qcx-2020). All items for which a change is proposed are highlighted in yellow with additional strikethrough/underscore indications. If this proposal is agreed, the P802.1Qcw Editor is proposed to submit comments on behalf of Johannes Specht to execute the necessary changes in the next ballot of P802.1Qcw.

## Proposed Numbering

48.3 802.1Q YANG model

48.3.1 ...

...

48.3.3 CFM model [Qcx]

48.3.4 Scheduled Traffic model [Qcw]

48.3.5 Frame Preemption model [Qcw]

~~48.3.3~~ 48.3.6 Stream filters and stream gates model [Qcr]

48.3.7 Per-Stream Filtering and Policing model [Qcw]

~~48.3.5~~ 48.3.8 Asynchronous Traffic Shaping (ATS) model [Qcr]

48.4 Structure of the YANG model

48.4.1 ...

...

48.4.5 CFM model [Qcx]

48.4.6 Scheduled Traffic model [Qcw]

48.4.7 Frame Preemption model [Qcw]

~~48.4.5~~ 48.4.8 Stream filters and stream gates model [Qcr]

48.4.9 Per-Stream Filtering and Policing model [Qcw]

~~48.4.7~~48.4.10 Asynchronous Traffic Shaping (ATS) model [Qcr]

48.5 YANG data scheme tree definition

48.5.1 ...

...

48.5.9 Data scheme definition for the ieee802-dot1q-cfm-alarm YANG module [Qcx]

48.5.10 Data scheme definition for the ieee802-dot1q-sched YANG module [Qcw]

48.5.11 Data scheme definition for the ieee802-dot1q-preemption YANG module [Qcw]

~~48.5.7~~48.5.12 Data scheme definition for the ieee802-dot1q-stream-filters-gates YANG module [Qcr]

48.5.13 Data scheme definition for the ieee802-dot1q-psfp YANG module [Qcw]

~~48.5.9~~48.5.14 Data scheme definition for the ieee802-dot1q-ats YANG module [Qcr]

48.6 YANG modules

48.6.1 ...

...

48.6.9 Definition for the ieee802-dot1q-cfm-alarm YANG module [Qcx]

48.6.10 Definition for the ieee802-dot1q-sched YANG module [Qcw]

48.6.11 Definition for the ieee802-dot1q-preemption YANG module [Qcw]

~~48.6.7~~48.6.12 Definition for the ieee802-dot1q-stream-filters-gates YANG module [Qcr]

48.6.13 Definition for the ieee802-dot1q-psfp YANG module [Qcw]

~~48.6.9~~48.6.14 Definition for the ieee802-dot1q-ats YANG module [Qcr]

A.48 YANG

YANG-1 ...

...

YANG-9 Is the ieee802-dot1q-cfm-bridge YANG module supported? [Qcx]

~~YANG-7~~YANG-10 Is the ieee802-dot1q-sched YANG module supported? [Qcw]

~~YANG-8~~YANG-11 Is the ieee802-dot1q-preemption YANG module supported? [Qcw]

~~YANG-7~~YANG-12 Is the ieee802-dot1q-stream-filters-gates module supported? [Qcr]

~~YANG-10~~YANG-13 Is the ieee802-dot1q-psfp YANG module supported? [Qcw]

~~YANG-9~~YANG-14 Is the ieee802-dot1q-ats module supported? [Qcr]