P802.1Qcw YANG Data Models for Scheduled Traffic, Frame Preemption and Per-stream filtering and policing PAR & CSD

Resolution of comments received from IEEE 802 WGs

802.3 Comment #1 on PAR

5.2.b (project scope) — With a P802.1Q revision projected (at least per its PAR) to be completed this year, this project scope seems a bit strange. It would appear that this will be a revision to IEEE Std 802.1Q-201x rather than the 2014 revision (we recognize the myProject tool makes this impossible to address in the PAR header information), therefore, it seems likely that the listed amendments for which management items would be considered will all be superseded. Perhaps the scope for maintenance items should not be restrictive to certain amendments, or indicate listed amendment items not included in the P802.1Q revision. You may also not want to limit maintenance items to allow inclusion of maintenance items for 802.1Q-201x also.)

RESPONSE:

802.3 Comment #2 on PAR

5.3 (contingencies) — No explanation given to the Yes. One assumption is that it is dependent on completion of P802Q so that it can be considered by RevCom per the 3 year 3 amendment rule. Will this project be dependent on P802.1Qcp providing a YANG base for the capabilities listed in the title? Will it be dependent on any of the other four approved projects to amend 802.1Q? Some of this might also deserve description in 5.3.b project scope.

RESPONSE:

Change 5.3 to: Yes, IEEE 802.1Qcp.

802.3 Comment #3 on PAR

6.1.b (registration activity) — Please reconsider if this question is answered correctly. Will the new specifications reference registry assignments or terms (Std 802.1Q certainly does). An 8.1 explanation of the yes or no should not be forgotten (for yes what registries/terns are being used (e.g., OUI/CID or EUI addresses); if no indicate that Per Stream Filtering, does not use registry terms in the operational specifications or the terms will not be used in the YANG specifications).

RESPONSE:

Change 6.1.b to: Yes, the YANG Data Model will be assigned a URN based on the RA URN tutorial and IEEE Std 802d. The YANG data model will include type definitions for MAC addresses.

802.3 Comment #1 on CSD

1.1.1 (management) — The answer (identical to the answer other YANG CSDs) is a bit strange. The question asks nothing about SNMP. Perhaps simply: "This project is primarily a management project that adds enabling specifications for management of specific IEEE 802.1Q capabilities through YANG data models."

RESPONSE:

Change 1.1.1. to: This project is primarily a management project that enables the management of IEEE 802.1Q Scheduled Traffic, Frame Preemption and Per-Stream Filtering and Policing using a YANG data model.

802.3 Comment #2 on CSD (1/4)

1.2.5 (economic feasibility) — On item a, it might be better to indicate that YANG remote management utilizes a balance between end-station and infrastructure capabilities.

RESPONSE:

Change 1.2.5 a) to: Management using YANG utilizes a balance between end station and infrastructure capabilities; the balance will be similar to that for existing management methods.

802.3 Comment #2 on CSD (2/4)

1.2.5 (economic feasibility) — For item b, if SNMP management is already defined for the subject 802.1Q capabilities, indicating the balance will be similar to that for SNMP management, if not, provide more substance in the response.

RESPONSE:

Change 1.2.5 b) to: The cost factors will be similar to those of existing management methods.

802.3 Comment #2 on CSD (3/4)

1.2.5 (economic feasibility) —For items c and d, it isn't clear why a vague response about VLAN bridges is relevant to management of Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing. If this project simply adds to a YANG base capability for the listed 802.1Q functions, that should be stated in a more descriptive response. What types of existing implementations will it improve installation and operation costs. Is the cost benefit from eliminating multiple management platforms and this is one more module in a complete YANG solution, that should be stated somewhere and considered in responses to economic feasibility.

RESPONSE:

Change 1.2.5 c) to: This project extends the YANG capabilities of IEEE Std 802.1Q with Scheduled Traffic, Frame Preemption and Per-Stream Filtering and Policing as a step towards a complete YANG management solution. This helps to eliminate multiple management platforms, thus reduces installation cost.

802.3 Comment #2 on CSD (4/4)

1.2.5 (economic feasibility) —For items c and d, it isn't clear why a vague response about VLAN bridges is relevant to management of Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing. If this project simply adds to a YANG base capability for the listed 802.1Q functions, that should be stated in a more descriptive response. What types of existing implementations will it improve installation and operation costs. Is the cost benefit from eliminating multiple management platforms and this is one more module in a complete YANG solution, that should be stated somewhere and considered in responses to economic feasibility.

RESPONSE:

Change 1.2.5 d) to: This project extends the YANG capabilities of IEEE Std 802.1Q with Scheduled Traffic, Frame Preemption and Per-Stream Filtering and Policing as a step towards a complete YANG management solution. This helps to eliminate multiple management platforms, thus reduces operational cost.

802.1Qcw - Amendment: YANG Data Models for Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing PAR and CSD

1. PAR 5.3 – The question was responded with a "Yes" but no explanation was given. Please add Explanation.

2. PAR 5.2.b –The title indicates this is adding YANG models, the last sentence "Additionally, this amendment will address open IEEE 802.1Qbv, IEEE 802.1Qbu and IEEE 802.1Qci maintenance items." indicates that this includes maintenance. This would be more appropriate for a Revision Project.

3. Note that IEEE-SA RevCom may not approve/publish a new amendment if :

    1. More than 3 Amendments already approved.

    2. Base standard more than 3 years old

    A two year extension plan approved by RevCom would needed for any other amendments to be published.

4. The CSD 1.2.5 response was very well written.

802.1 Comment #1 on PAR

5.3 (contingencies) — 5.3 – The question was responded with a "Yes" but no explanation was given. Please add Explanation.

RESPONSE:

Same as Comment #2 from 802.3

Change 5.3 to: Yes, IEEE 802.1Qcp.

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RESPONSE:

Remove sentence: "Additionally, this amendment will address open IEEE 802.1Qbv, IEEE 802.1Qbu and IEEE 802.1Qci maintenance items."

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RESPONSE:

No response needed

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802.1 Comment #1 on CSD

The CSD 1.2.5 response was very well written.

RESPONSE:

Thank you