Qcw related Maintenance Items

May 2022 Interim Session (Electronic) – YANGsters

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Keeping YANG current

• There are many YANG projects running currently
• We are currently not leveraging a revision control system to manage merging different “branches” as YANG projects are completed
  • That issue is for another day
• Scenarios
  • Common files being updated
  • Common files being updated by more than one in-flight project concurrently
  • Published files being updated
  • A roll-up occurs that does not include all maintenance items from unfinished amendments
  • Etc.

• The issue we are talking about today is related to a roll-up that will not include all the maintenance items from an unfinished amendment
Q-Rev and Qcw

• Q-Rev is almost done
• Qcw is held up waiting for Q-Rev. It is also behind Qcz in the process
• There are two maintenance items that have been implemented in Qcw that affect files that are part of the Q-Rev roll-up
• Items
  • https://www.802-1.org/items/380
  • https://www.802-1.org/items/346

• Files that need modifications are
  • ieee802-dot1q-bridge.yang
  • ieee802-dot1q-pb.yang
Impact on Q-Rev

• There are new leafs, descriptions, and Xpath statements
• There would be
  • UML updates
  • Tree updates
  • YANG file updates
• Validation of the YANG package would have to be done

• While I think that the updates/corrections in Qcw are acceptable, they haven’t passed a sponsor ballot yet
• Therefore
  • It was agreed in the Maintenance TG to let Q-Rev finish and apply the Qcw changes to other in-flight projects and then propagate as the text if balloted.
  • Propose that YANGsters agree with this recommendation.