YANGster Update Agenda

March 2019 802 Plenary Meeting in Vancouver BC, Canada

IEEE

Agenda

- Management Address Grouping (.1Qcx) Comment discussion
- IETF Module on Ethertypes
- IEEE Website for YANG modules
- YANG Catalog Issues
    - Management of IEEE github
    - Folders
    - Catalog Lifecycle
    - Meta-Data in YANG Catalog
    - Relationship with Open Source Initiative
- IEEE Open Source Initiative
- Administrative
    - YANGster E-Meeting Time
- Any Other Business

Management Address Grouping

- The way YANG is used is different between usage for read-write data and read-only data
    - Read-write data : use modelling to ensure consistency of the configured values
    - Read-only: the values are reported so they should not be constrained in the modelling
- Data in the management address grouping is read-only
    - No constraints should be used for reported values. If wrong values are received, they should still be reported
    - Current proposal was discussed via mail and presented on the call
- See Annex A in YANGsters notes for suggested solution
    - http://www.ieee802.org/1/files/public/docs2019/yangsters-smansfield-meeting-17-minutes-0219.pdf

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Ethertypes

l   The IETF has written YANG to define IEEE ethertypes

 l   https://datatracker.ietf.org/doc/draft-ietf-netmod-acl-model/?include_text=1

 l   The ACL module is dependent on the definition of ethertypes. IEEE owns the allocation of those ethertypes. This model is being included here to enable definition of those types till such time that IEEE takes up the task of publication of the model that defines those ethertypes. At that time, this model can be deprecated.

l   Issues to discuss:

 l   IETF is including aliases that are not in the IEEE registrires

 l   Others?

l   Need an action plan moving forward for the IEEE

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IEEE Website

- Do we want a local copy for all the YANG modules (as we currently have it with MIBs)?
    - My understanding was that we want to have this local copy but I do not know if this was a formal decision or just my interpretation of our discussions.
    - If we want a local copy, presumably this will be under the URL http://www.ieee802.org/1/files/public/YANGs/ if we want to keep this aligned with what we currently have for MIBs.
- What should the filenames for the YANG modules be?
    - Include timestamps in names?
    - How else to indicate versions?
- Do we have a complete list of all the YANG files that need to be published on the website (i.e. that have been published in 802.1 standards)?
    - This is a matter of reviewing the published and inflight recommendations and creating a spreadsheet.

YANG Catalog

- Overall management of the YANG Catalog for IEEE is still open
  - Need to discuss having a person or persons responsible for keeping the YANG Catalog github up to date
  - Marc has completed the restructuring
- Management of the Meta-Data that needs to be added is still TBD
  - https://yangcatalog.org/contribute.html
- The management and maintenance of the YANG Catalog has been transferred to the IETF
  - There is a project that has just been awarded to bring the tooling of the YANG Catalog under control of the IETF
  - If there are any requests or comments, now is the time to give those to the IETF

Open Source Initiative

l Jodi Haasz has been looking into the latest on the IEEE Open Source Initiative

l Need to determine if there is a way to leverage the IEEE Open Source platform while still participating in the IETF's YANG Catalog for industry outreach and visibility of IEEE YANG modules

IEEE

MOTION

- Authorize once-a-month e-meeting cycle for the YANGsters group. Convening on the last Tuesday of every month from 10AM (US-Eastern) to 11AM (US-Eastern), start 26 March 2019 through 25 June 2019

- Proposed: Kehrer Second: Rouyer
- For_____Against____Abstain_____

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