

Tier 3 IEEE Open Source Project request form.

(extracted from https://opensource.ieee.org/oscom/official-project-requests/-/issues/new?issuable_template=tier_3_request)

My responses are in ***bold italics***.

Authorization to create a new Tier 3 IEEE Open Source Project

The IEEE SA Open Source Committee (OSCom) Operations Manual states:

"Tier 3 — Open Source Projects reviewed and approved for use of the IEEE Open Source Platform by OSCom to create IEEE Open Source Releases or products."

Tier 3 Open Source Projects may come from groups or activities originating outside of the IEEE or they may be associated with an existing IEEE activity, such as an IEEE SA Industry Connections Activity.

Please fill out the following form to the best of your ability. IEEE staff will review your submission and may provide you with additional support any guidance as needed. Once staff review is complete, your request will be passed along OSCom and added to the agenda of an upcoming OSCom meeting.

1. Title of the Project:

IEEE Std. 802.3 YANG Modules

2. Description of the Project:

The IEEE 802.3 Working Group (hereafter the WG) has a companion document (IEEE Std 802.3.2) which defines YANG models (see Note 1) for the Clause 30 management interface definitions in IEEE Std 802.3. Clause 30 defines an abstract management interface which is “independent of any particular management application or management protocol”.

IEEE Std 802.3.2 is a separate document requiring a separate and parallel project to update any models affected by an amendment or revision of IEEE 802.3. Only a small subset of the Working Group participants have the interest and skills to define YANG models. In the broader industry, YANG models are often defined by people with different skill sets to many participants in the Working Group.

The goals of this project are to use the IEEE OS model to:

- ***provide models contemporaneously with publication of IEEE Std 802.3 amendments and revisions***
- ***improve participation from the broader industry***
- ***improve the ability to update the models based on feedback from the broader industry***

The repository for the project will be “seeded” with the models defined by IEEE Std 802.3.2-2025. There are no LOAs filed on IEEE Std 802.3.2-1019, or IEEE Std 802.3.2-2025.

The project lead will obtain CLAs from all significant contributors to the models in IEEE Std 802.3.2-2019 and IEEE Std 802.3.2-2025 before those models may be added to the project repository.

Note 1: YANG is a data modeling language specified in RFC 7950. YANG is used to model the configuration and state data of network elements as part of a network management solution.

3. IEEE Open Source Project lead (or main point of contact):

Name: **Peter Jones**

Email: **petejone@cisco.com**

4. Selection of a single Open Source approved license and associated CLAs (See the [Maintainers Manual] (<https://opensource.ieee.org/community/manual#82-licensing-and-control-of-contribution>)):

- ~~[Apache 2.0 License] (<https://opensource.ieee.org/community/cla/apache>)~~
- **[BSD 3-Clause License] (<https://opensource.ieee.org/community/cla/bsd3>)**
- ~~[CERN Open Hardware License 1.2] (<https://opensource.ieee.org/community/cla/cern-ohl>)~~
- ~~Request use of other license*~~

*NOTE: Requesting use of another license may include a lengthy review process and acceptance is not guaranteed.

5. Will this project include in its repository any pre-existing Open Source software or hardware designs? If so, please describe.

No

6. Will this open source project be governed or overseen by an existing IEEE group or initiative, such as an IEEE SA Industry Connections activity? If yes, please explain.

This open source project will be overseen by the IEEE 802.3 Working Group.

7. Governance

Please select one of the following options below and delete the one you do not select:

We agree that we will have a governance document for review by the community manager within 30 days and that we will make any modifications necessary to conform to all applicable policies and procedures.

Governance by the IEEE 802.3 Working Group and will follow all applicable IEEE governance requirements including having an Open Source Lead and Maintainer per SASB and OSCOM Operations Manuals.

~~We have an existing governance document that we are submitting for review at this time (pick one):~~

~~—YES: URL _____~~

~~—NO~~