

IEEE 802.3 YANG OS Project Ad Hoc Closing Report

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IEEE 802.3 YANG OS Project Ad Hoc

Ad Hoc information

Ad Hoc Organization

Peter Jones, 802.3 YANG OS Project Ad Hoc Chair

Ad Hoc charter

Administer the IEEE 802.3 YANG Model open-source project to:

- Develop, maintain, and publish YANG models, based on the protocol-independent management models defined in IEEE 802.3 Clause 30, starting from the YANG models defined in IEEE Std 802.3.2-2025

- Update the models to address missing functions and new IEEE 802.3 projects

- Initiate IEEE Std 802.3.2 revision projects as and when appropriate

- Coordinate with the IEEE LMSC 802 YANG Standing Committee as needed

Ad Hoc web and reflector information

Reflector information: <https://www.ieee802.org/3/YANG/reflector.html>

Home page: https://www.ieee802.org/3/ad_hoc/YANGOS/index.html

YANG Ad Hoc Calls – see <https://www.ieee802.org/3/calendar.html>

IEEE 802.3 YANG OS Project Ad Hoc Activities this week

Met Monday PM2

Discussion topics included:

- Planning for first release (subset of 802.3.3-2025)

- Tooling for module validation and C/CD integration

- Possible approaches for modules not covered by CLAs

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Next Steps

Obtaining CLAs has been slower than desired/expected. I propose moving forwards with the models where we have coverage.

Model	Status	Covered by CLA
ieee802-ethernet-interface	current	Yes
ieee802-ethernet-interface-half-duplex	current	Yes
ieee802-ethernet-link-oam	current	No
ieee802-ethernet-lldp	current	Yes
ieee802-ethernet-mac-merge	current	Incomplete
ieee802-ethernet-phy	current	Yes
ieee802-ethernet-phy-type	current	Yes
ieee802-ethernet-pon	current	No
ieee802-ethernet-pse	deprecated	No
ieee802-ethernet-pse-2	current	Yes

IEEE 802.3 YANG OS Project Ad Hoc Motion for Initial Release

Move that the IEEE 802.3 Working Group approve the initial release of YANG modules by the 802.3 YANG Open Source project. The release will comprise the models showing “Covered by CLA = Yes” in slide 4 of this presentation.

M: Peter Jones

S: Ulf Parkholm

Y: N: A:

Questions?

Thank you!