

# Proposed PAR text for consideration

IEEE 802.3 YANG Data Model Study Group

Ad Hoc edit draft

# Background

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- Propose PAR text for the IEEE 802.3 YANG data model(s) Study Group.

# Status

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- Status: PAR for a New IEEE Standard

## 2.1 Project Title

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# Standard for Ethernet YANG data model definitions

# Other PAR Fields(1)

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- 4.1 Type of Ballot: Individual
- 4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot: Q2 2018
- 4.3 Projected Completion Date for Submittal to RevCom: Q4 2018
- 5.1 Approximate number of people expected to be actively involved in the development of this project: 14

## 5.2 Scope

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- This standard defines YANG data models for IEEE Std 802.3 Ethernet.

## 5.3 Purpose

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- The purpose of the standard is to define YANG models for IEEE Std 802.3. The models will also be published in a machine-readable format.

## 5.5 Need for the Project

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- YANG (RFC6020) is a formalized data modeling language that can be used by NETCONF (RFC6241), a widely accepted network configuration protocol. Other standards development organizations (e.g., Internet Engineering Task Force (IETF) and the Metro Ethernet Forum (MEF)) have adopted YANG, and are developing a broad range of YANG data models. Development of standardized YANG models for IEEE Std 802.3 Ethernet will help to reduce the operational cost of managing Ethernet networks.



# Other PAR Fields (2)

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- 5.6 Stakeholders for the Standard:  
Ethernet network component suppliers, system suppliers, network management software suppliers, network administrators.
- 6.1 Intellectual Property
  - 6.1.a. Is the Sponsor aware of any copyright permissions needed for this project?: No
  - 6.1.b. Is the Sponsor aware of possible registration activity related to this project?: No

# Other PAR Fields (3)

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- 7.1 Are there other standards or projects with a similar scope? No.
- 7.2 Joint Development: No.

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# Thank You!