# P802.3.2

Submitter Email: david_law@ieee.org  
Type of Project: New IEEE Standard  
PAR Request Date: 30-Jul-2016  
PAR Approval Date: 22-Sep-2016  
PAR Expiration Date: 31-Dec-2020  
Status: PAR for a New IEEE Standard

## 1. Project Details

<table>
<thead>
<tr>
<th>1.1 Project Number</th>
<th>P802.3.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 Type of Document</td>
<td>Standard</td>
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<tr>
<td>1.3 Life Cycle</td>
<td>Full Use</td>
</tr>
</tbody>
</table>

## 2. Title

Standard for Ethernet YANG Data Model Definitions

## 3. Working Group and Contact Information

**3.1 Working Group:** Ethernet Working Group (C/LM/WG802.3)  
**Contact Information for Working Group Chair**  
Name: David Law  
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**Contact Information for Working Group Vice-Chair**  
Name: Adam Healey  
Email Address: adam.healey@broadcom.com  
Phone: 6107123508

## 4. Ballot Details

<table>
<thead>
<tr>
<th>4.1 Type of Ballot</th>
<th>Individual</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.2 Expected Date of submission of draft to the IEEE-SA for Initial Sponsor Ballot</td>
<td>01/2018</td>
</tr>
<tr>
<td>4.3 Projected Completion Date for Submittal to RevCom</td>
<td>10/2018</td>
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<tr>
<td>Note: Usual minimum time between initial sponsor ballot and submission to Revcom is 6 months.</td>
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## 5. Scope and Purpose

**5.1 Approximate number of people expected to be actively involved in the development of this project:** 14  
**5.2 Scope:** This standard defines YANG data models for IEEE Std 802.3 Ethernet.  
**5.3 Is the completion of this standard dependent upon the completion of another standard:** No  
**5.4 Purpose:** The purpose of the standard is to define YANG models for IEEE Std 802.3 and publish these models in a machine-readable format.

**5.5 Need for the Project:** YANG (IETF RFC 6020 or subsequent revision) is a formalized data modeling language that can be used by protocols such as NETCONF (NETwork CONFiguration, IETF RFC 6241), 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.

**5.6 Stakeholders for the Standard:** Ethernet network component suppliers, system suppliers, network management software suppliers, network administrators.
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

7.1 Are there other standards or projects with a similar scope?: No

7.2 Joint Development
   Is it the intent to develop this document jointly with another organization?: No

8.1 Additional Explanatory Notes: Item #5.2, #5.4 and #5.5: IEEE Std 802.3 IEEE Standard for Ethernet
Item #5.5: IETF RFC 6020 YANG - A Data Modeling Language for the Network Configuration Protocol (NETCONF)
Item #5.5: IETF RFC 6241 Network Configuration Protocol (NETCONF)