

P802.1ABcu YANG Data Model PAR & CSD

Resolution of comments received from IEEE 802 WGs

802.3 Comment #1 on PAR

5.2.a (Std scope)— The Scope begins with a sentence fragment. Assuming the pdf is the output from myProject, staff liaison should be tasked with tracing down the problem and fixing it (the first line of published IEEE Std 802.1AB-2009 scope is not included).

RESPONSE:

First sentence will be fixed.

Beginning of sentence is: “The scope of this standard is to define a protocol and management elements, suitable for advertising...”

802.3 Comment #2 on PAR

5.2.b (project scope) — Because the base standard includes many uses of OUI that should be updated for alternate use of CID, it would be good for the new YANG specifications to properly allow either OUI or CID for identification of an organization/company. If not already the subject for an 802.1 maintenance request, hopefully, one of the RAC members participating in 802.1 will initiate a maintenance request for updates allowing use of a CID in lieu of an OUI. Otherwise, the scope should include update of the base standard for alternate use of CID. Delaying this to the next revision could quickly obsolete implementations of YANG based on this amendment.

RESPONSE:

The scope of the project in the PAR has been clarified including that this amendment will address bug fixes to existing features as approved by the IEEE 802.1 maintenance process.

A maintenance item is the best way to address the OUI/CID issue.

802.3 Comment #3 on PAR

6.1.b (registration activity) — The content of the base standard makes it unlikely that the YANG additions will not include management of objects that include use of these terms. (The base has extensive use of Ethertype and OUI.) Please consider if the YANG specifications (or a the suggested maintenance item on CID) will include new text referencing or describing use of registry assignments or terms. If so, please answer yes with appropriate explanation. If the appropriate answer is no, then an explanation of the answer to 6.1.b is appropriate.

RESPONSE:

Change 6.1.b to: Yes, the YANG Data Model will be assigned a URN based on the RA URN tutorial and IEEE Std 802d.

802.3 Comment #1 on CSD

General — It would appear that 802.1 is not giving the CSD responses serious thought or review before submission to IEEE 802. Answers are often perfunctory, terse to the point of being generic, and therefore not responsive for the specific project. The identical and near identical text found in multiple CSD responses for proposed P802.1ABcu, P802.1Qcw, P802.3Qcw, and P802.1CBcv suggest minimal thought after cut and paste.

RESPONSE:

CSD responses have been revised.

802.3 Comment #2 on CSD

1.1.1 (management) — The answer (other YANG CSDs) is a bit strange. The criterion asks nothing about SNMP. Perhaps simply: "This project is primarily a management project that adds enabling specifications for management of IEEE 802.1AB implementations through YANG data models."

RESPONSE:

Change 1.1.1. to: This project is primarily a management project that enables the management of IEEE 802.1AB LLDP using a YANG data model.

802.3 Comment #3 on CSD (1/4)

1.2.5 (economic feasibility) — The minimal editing of canned responses to this criterion have no justification. For subcriteria a, it might be appropriate to explain that addition of YANG remote management requires both infrastructure and end-station capabilities similar to those required by SNMP management specifications, and YANG management is expected to have similar balance between infrastructure and end-stations.

RESPONSE:

Change 1.2.5 a) to: Management using YANG utilizes a balance between end station and infrastructure capabilities; the balance will be similar to that for existing management methods.

802.3 Comment #3 on CSD (2/4)

1.2.5 (economic feasibility) — The response to subcriterion b is similarly terse and unsupported.

RESPONSE:

Change 1.2.5 b) to: The cost factors will be similar to those of existing management methods.

802.3 Comment #3 on CSD (3/4)

1.2.5 (economic feasibility) — For subcriteria c and d, it isn't clear why a response for VLAN bridges is relevant to Connectivity Discovery. Why does remote management capability reduce installation cost, an unjustified assertion. Is there an unsupported implication that YANG is less difficult to install and operate than SNMP?

RESPONSE:

Change 1.2.5 c) to: This project adds YANG capabilities to IEEE Std 802.1AB as a step towards a complete YANG management solution. This helps to eliminate multiple management platforms, thus reduces installation cost.

There is no implication that YANG is better than SNMP.

802.3 Comment #3 on CSD (4/4)

1.2.5 (economic feasibility) — For subcriteria c and d, it isn't clear why a response for VLAN bridges is relevant to Connectivity Discovery. Why does remote management capability reduce installation cost, an unjustified assertion. Is there an unsupported implication that YANG is less difficult to install and operate than SNMP?

RESPONSE:

Change 1.2.5 d) to: This project adds YANG capabilities to IEEE Std 802.1AB as a step towards a complete YANG management solution. This helps to eliminate multiple management platforms, thus reduces operational cost.

There is no implication that YANG is better than SNMP.