

P802.1EJ

Backward Notification

Resolution of Comments on
Project Authorization Request (PAR) and Criteria for Standards Development (CSD)

2026-07-15

802.3 comments on the PAR and their resolution

- **Comment:**
In Section 5.2., second sentence is difficult to parse. Should it be a list of three items that are all bridges? If yes, consider to change to: “This standard supports Medium Access Control (MAC) bridges, Customer Virtual Local Area Network (C-VLAN) bridges, Service Virtual Local Area Network (S-VLAN) bridges, and end stations in data center networks.”
- **Response:**
The suggested change has been made.

802.3 comments on the PAR and their resolution

- Comment:
In section 8.1, please consider expanding the acronym for YANG. It would be useful to add text such as “It is vital to use 'YANG' in the project title, as well as elsewhere in the PAR, to inform potential participants and the target readership of the standard.”
- Response:
As stated in 8.1 the expansion of YANG is not meaningful and therefore is not represented. Since YANG is just a portion of the support for backward notification it is not appropriate to mention it in the project title. We have updated 8.1: “While ‘YANG’ (developed by the Internet Engineering Task Force) is capitalized as though it were an acronym, it is not. We do not provide an expansion of YANG in the PAR because the IETF RFCs that define YANG do not give one. YANG is a data modeling language for the definition of data sent over network management protocols specified by IETF Request For Comments (RFC) 7950, The YANG 1.1 Data Modeling Language. It is essential to list YANG in the scope to inform potential participants and the target readership.”

802.3 comments on the CSD and their resolution

- Comment:

In the response to 1.2.3, the first paragraph states that there are no other IEEE 802 standards or projects with BN. Yet paragraph two and three provide examples in Clauses in the current specification. This seems to contradict the first paragraph. Consider striking the second and third paragraphs or making it more clear by adding an additional sentence to the first paragraph, such as “There are clauses in IEEE Std 802.1Q with similar scopes but are substantially different from BN”.

- Response:

The suggested sentence “There are clauses in IEEE Std 802.1Q with similar scopes but are substantially different from BN” has been added to the end of the first paragraph.

802.3 comments on the CSD and their resolution

- Comment:
In 1.2.4 item (k), how are the modeling and simulations of “recent publications” different from those mentioned in the first paragraph (“over the course of 30 years”)?
- Response:
1.2.4 item (k) has been revised to read: The proposed project specifies backward congestion signaling which has extensive simulation and analysis over the course of 30 years. Recent publications have also shown feasibility via modeling and simulations specifically oriented toward AI and HPC data center environments.

802.11 comments on the PAR and their resolution

- Comment:
General PAR comment – As noted in the CSD “Backward Notification (BN)”, could be applied throughout the PAR as well, or remove the capitalization in the CSD if BN is not used as a defined term.
- Response:
The suggested change has been made. “Backward Notification (BN)” has been applied throughout the PAR as well.

802.11 comments on the PAR and their resolution

- Comment:
5.2 – Change “The notification mechanism conveys ...” to “The backward notification mechanism conveys ...”
- Response:
The suggested change has been made. The sentence has been revised to read: The BN mechanism conveys ...

802.11 comments on the PAR and their resolution

- Comment:
5.2 – Change “This standard specifies how notifications ...” to “This standard specifies how backward notifications ...”
- Response:
The suggested change has been made. The sentence has been revised to read: This standard specifies how BNs ...

802.11 comments on the CSD

- No comments.

802.15 comments on the PAR and CSD

- PAR:
No comments.
- CSD:
No comments.