

P802.1DD

Resource Allocation Protocol

Resolution of Comments from NesCom on
Project Authorization Request (PAR)

2024-09-16

NesCom comments on the PAR and their resolution

- Comment:
5.2 Scope: The use of "and/or" (2nd sentence) is not recommended. Grammar recommendation is to use "or" and using "or" includes does not exclude the use of both options. That is, the "and" option is covered. That is - change from "and/or" to "or".
- Response:
Replace “and/or” with “and”.

NesCom comments on the PAR and their resolution

- Comment:
5.2 Scope ("This standard specifies protocols, procedures, and managed objects for resource allocation in bridged local area networks for dynamic creation and maintenance of data streams.")
and
5.4 Need ("Current protocol specifications do not support the scaling required for new network applications and reservation allocation on simultaneously available redundant paths.")
seem disjoint.
Scope does not explicit mention scaling, except perhaps indirectly by alluding to "bridged local area networks".

Please add a clause or short sentence to 5.2 Scope to state that scaling for new network applications is achieved by what is being proposed.

Similarly, add a sentence in 5.2 Need about what is contributing to scaling in 5.2 Scope.

- Response:
Please note that the scope of this standard has been chosen to encompass the existing mechanisms specified in the 802.1Q standard, retaining backward compatibility with existing networks and concatenated regions of networks.

We suggest to change 5.5 Need to: "Successful deployment of current protocol has revealed the need to accommodate a larger number of streams and resource allocation on simultaneously available redundant paths than can be accommodated by the current in-band signaling mechanisms."