

Topology/Protection Issues

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Topology Issues List

- Clearly identify and itemize interface between topology and protection
- What actions, if any, are taken upon failure to receive topology messages?
- Criteria and an algorithm are needed for consistency checking of topology image
- What are the units and ranges of provisioned class A bandwidth information reported in topology messages?

Protection Issues List

- Clearly identify and itemize interface between topology and protection
- Retransmission of messages
 - Exponential backoff or fixed; what are limits on message period?
- Insertion of steering station into an operating wrapping ring
- Do multiple signal degrades result in a single wrap or no wraps?
- Is the wrapping status bit required?
- Is topology or protection used to distinguish whether a newly connected station is a new neighbor or the same as the previously connected neighbor?

Protection Issues List continued

- How uniform should the behavior of wrapping and steering be in terms of reporting of link status throughout the ring?
- How do non-revertive modes work for steering and wrapping?
- How is variability of fairness advertisement interval handled as related to the loss of keep-alive trigger?