



Network recovery methods

- Reactive recovery methods:
 - Recalculate and propagate new routing configurations when failures occur
 - Merit: Accommodate to various kinds of network failures
 Demerit: Require long time for routing convergence
- Proactive recovery methods:
 - Calculate and share recovery settings by assuming possible failures before failures occur
 - possible failures before failures occurSelect one of the settings to correspond to the detected
 - failures when failures occur
 - Merit: Fast recovery by switching the alternative setting
 Demerit:
 - Require exact prediction to failures to recover completely

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Contents Background Our earlier study Problem definition Network traffic concentration after recovering from network failures Updating interval of routing configurations against the growth of the network New network element addition algorithm Evaluation results

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Conclusion































