

Full Reroute Reversion Combined Recovery

Draft-roch-ccamp-full-reroute-reversion-01.txt

Draft-roch-ccamp-combined-recovery-
reqts-01.txt

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Reversion

- Reversion – return to original path
 - 4873 provides explicit text on how this is supported for 1+1 and 1:n protection and rerouting with extra traffic
 - These generally involve preplanning or prereservation of a disjoint backup path
 - Carriers are interested in reversion with full reroute as well, where
 - No preplanning or prereservation is done
 - The backup path may share resources with the original path

Proposal

- Review requirements for supporting this service
 - Subset of existing recovery services
- See if any extensions are needed
 - Hopefully not, ideally supported with existing specs
- Document in BCP if no extensions needed

Combined Recovery

- Preservation of high availability at all times is highly valued functionality
- Combinations of restoration and protection may be involved in
 - Preserving 1+1 protection under planned events such as maintenance
 - Temporary reroute (with reversion) of affected path
 - Supporting higher availability beyond 1+1
 - Restoration of one or both paths in case of failure

Proposed Actions

- Review requirements
 - combinations of existing recovery capabilities
- Evaluate if any additional extensions are necessary
- Document as needed