

Charter Recommendation – Dime WG

Diameter Auditing and State Recovery
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avri@operax.com

Work to date

- Currently 2 drafts on the subject
 - Auditing Functionality in Diameter
 - draft-bodin-dime-auditing-reqs-03.txt
 - Offers use cases for recovery in both soft state and hard state recovery
 - Folds in possible solution based on Diameter Resource Management Extensions
 - draft-calhoun-diameter-res-mgmt-08.txt (expired)
 - Diameter State Recovery Considerations
 - draft-asveren-dime-state-recovery-01.txt (expired)
 - considers approaches and design strategies to synchronize and/or recover state in Diameter applications after failure of an active instance using a protocol based method.

Why include it in the charter

- Evidence of need for the functionality given the broad use of diameter today and in the immediate future
- Needed for both
 - soft state use
 - hard state use
- Drafts go into requirements in detail
- Open question:
 - if defined will they be implemented
 - if implemented will they be used

Recommended next steps

- Add to charter
- Merge 2 sets of requirements and make sure they are complete
- Decide if use of Resource Management Extensions is the correct solution
- Refine the solution to make sure it meets all of the requirements
- ... proceed as normal on standardization path.