

# IETF 118

## Crash Recovery Update

(draft-belchior-satp-gateway-recovery-00)

Rafael Belchior  
Thomas Hardjono

# Updates to the Draft

- Draft ported to markdown. Mostly editorial changes have been made.
- Draft is stable now. Looking to improve the robustness of the implementation taking into account developments in satp-core.
- Home for contributing:  
<https://github.com/ietf-satp/draft-belchior-satp-gateway-recovery>



# Procedure to Update draft

- We implemented the IETF guidelines for managing drafts in Github. Note: this procedure is also implemented for satp-core and satp-architecture.
- Contributors can propose changes to the crash recovery draft by proposing a Pull Request against the markdown. Procedure here: <https://github.com/ietf-satp/draft-belchior-satp-gateway-recovery/blob/main/CONTRIBUTING.md>
- Pull requests will be compiled, and a diff against the current official draft will be available, for ease of discussion: <https://ietf-satp.github.io/draft-belchior-satp-gateway-recovery/#go.draft-belchior-satp-gateway-recovery.diff>
- Latest draft version (not submitted) can be found here: <https://ietf-satp.github.io/draft-belchior-satp-gateway-recovery/draft-belchior-satp-gateway-recovery.html>

# Implementation

- Focusing on implementing crash recovery ability for every SATP phase (currently some are implemented - [https://www.techrxiv.org/articles/preprint/Resilient\\_Gateway-Based\\_N-N\\_Cross-Chain\\_Asset\\_Transfers/20016815](https://www.techrxiv.org/articles/preprint/Resilient_Gateway-Based_N-N_Cross-Chain_Asset_Transfers/20016815))
- Diverse improvements to Hyperledger Cacti open-source implementation, currently listed in <https://github.com/hyperledger/cacti/issues?q=is%3Aopen+is%3Aissue+label%3AIETF-SATP>

# Thank you and Q&A

rafael.belchior@tecnico.ulisboa.pt