



D9.8: Final Report on Provision of Staging Support

WP:

WP9

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This document presents an extension to the service architecture proposed in the EUDAT deliverable D9.4 [EUDAT D9.4] that enables a user to get easy access to different storage systems such as IBM TSM (see glossary for abbreviations) or HPSS. Hereby the document focuses on features for integrity checking based on check-summing and scheduling of staging requests to achieve the best possible quality of service. The architecture provides a front-end API following the REST paradigm over HTTP. Beside the features presented in the previous deliverable, the architecture is now extended to schedule and reorder slow, asynchronous operations based on predefined strategies. The architecture was prototypically implemented to work within the B2SAFE context and was successfully tested in defined testing environments.

Contract:

EUDAT2020 (2015-2018)

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