

# EOS site report of the Joint Research Centre

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The Joint Research Centre (JRC) of the European Commission is running the Big Data Analytics Platform (BDAP) to enable the JRC projects and scientists to store, process, and analyze a wide range and large amount of data, and to share and disseminate data products.

EOS is the main system of BDAP for storing scientific data. The BDAP services are actively used by more than 100 JRC projects, covering a wide range of data analytics activities. The EOS instance at JRC has been implemented in 2016 and has currently a gross capacity of 43 PB. It is composed of heterogeneous commodity hardware components which has been extended noticeably over time.

The talk will present the EOS service at JRC as storage back-end of the Big Data Analytics Platform. The presentation covers the EOS setup, configuration and current status. It describes the activities over the last year, presents experiences made and issues discovered, and gives an outlook of planned activities during 2025.

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