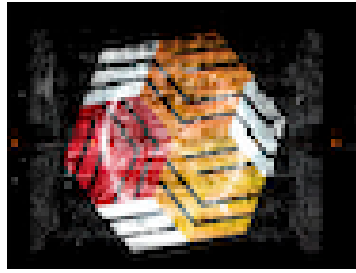


EOS workshop



Contribution ID: 3

Type: **not specified**

EOS at the Joint Research Centre

Monday 1 March 2021 10:10 (20 minutes)

The Joint Research Centre (JRC) of the European Commission has set up the Big Data Analytics Platform to enable the JRC projects to process and analyse big data, extracting knowledge and insights in support of EU policy making.

Since 2016, EOS is the main storage component of the platform. In 2020, the total gross capacity of this instance has reached 19 PiB.

The Big Data Analytics Platform is actively used by more than 40 JRC projects, covering a wide range of data analysis activities. To support the growing needs for data storage and processing capacity, the platform has been extended over the last year. Eight new FSTs have been added, for a space increase of 3.5 PiB. In addition, to increase the security of the platform, the team started to migrate the EOS nodes in a segregated VLAN.

The presentation will give an overview about the Big Data Analytics Platform and its EOS storage back-end, presenting the current status, experiences made and the issues identified.

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