

EOS workshop



Contribution ID: 49

Type: 10 Minutes

EOS deployment at Purdue

Monday, 7 March 2022 16:40 (15 minutes)

As part of its storage migration plan, the CMS Tier-2 center at Purdue University is preparing an EOS deployment of ~10PB, which will serve as the main Storage Element of the site, as well as a basis for the future Analysis Facility that's in development at the moment. We adopted a fully containerized approach with Kubernetes, which allows us to better share available hardware resources between different services. Our aim is to achieve high degree of data protection with low hardware overhead by utilizing Erasure Coding algorithms with high stripe size.

Primary author: PIPEROV, Stefan (Purdue University (US))

Presenter: PIPEROV, Stefan (Purdue University (US))

Session Classification: EOS 2

Track Classification: Sites and Deployments