



Contribution ID: 185 Contribution code: TUE 38

Type: Poster

Using S3 storage with xrootd vs Dynafed

Tuesday 22 October 2024 16:00 (15 minutes)

The HEP-RC group at UVic used Dynafed intensively to create federated storage clusters for Belle-II and ATLAS; which was used by worker nodes deployed on clouds around the world. Since the end of the DPM development also means the end of the development for Dynafed, xrootd was tested with S3 as backend to replace Dynafed. We will show similarities as well as major differences between the two systems as well as results of tests we run on both, for data transfers, checksum calculations as well as clustering of different endpoints. This may help other to efficiently make use of S3 storage as a WLCG site SE.

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Session Classification: Poster session

Track Classification: Track 1 - Data and Metadata Organization, Management and Access