



Contribution ID: 30

Type: 10 Minutes

Taming Batch Access to EOS at CERN

Tuesday 8 March 2022 11:25 (10 minutes)

Physics and CERNBOX instances at CERN are exposed to O(4) mount clients simultaneously. Overloads from batch access is not a new thing - since years the AFS filesystem suffers more or less frequently volume overloads. During overload episodes meta-data access at the MGM slows down significantly because thousands of batch nodes compete against few interactive clients and sync & share access. To give handles to the storage operation team EOS provides a set of access limitation features, which will be introduced in this talk.

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Session Classification: EOS 3

Track Classification: EOS Core Development