

XROOTD

Data Federations

- ✦ ATLAS and CMS are both rolling out federated data infrastructures based on xrootd
 - ✦ ALICE has had a system for several years
- ✦ At least in the case of CMS this starts with limited scope
 - ✦ Visualization, small scale analysis, diskless Tier-3, Fall back for file failures
 - ✦ Expected the majority of access is still local files

Status

- ✦ Currently we have a reasonable scale prototype
 - ✦ Global and regional redirectors
 - ✦ About 15 sites
- ✦ 10% of the access is now over the infrastructure

From Operations

- ✦ Would like to make this a production service
 - ✦ Installation documentation in progress
 - ✦ Need some SAM monitoring tests
 - ✦ Health monitors
 - ✦ Traffic and load
 - ✦ Successful data paths
 - ✦ Versioning and tracking versions

Other examples

- ✦ This has a lot of parallels to other services we have deployed
 - ✦ SRM, Frontier, CREAM, etc.
- ✦ For many sites it's a new service, so we need to organize the rollout