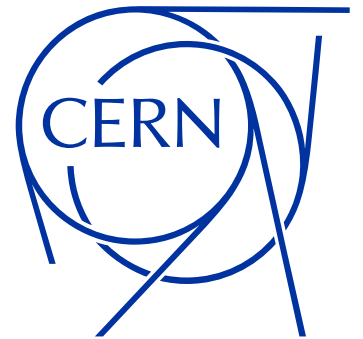# IPv6 Status in ATLAS

Dimitrios Christidis

Infrastructure

- Rucio itself and other software and services related to data management are agnostic

- But the migration from Puppet-managed VMs to Kubernetes has resulted in a regression
  - Template provided by CERN IT has IPv6 disabled (see note in OTG0071525)

Monitoring

- The transition from SRM/GridFTP to WebDAV for third-party-copy transfers rendered the FTS monitoring ineffective

- Have voiced our concerns to the FTS developers and are very optimistic with their proposal
  - Refer to M. Patrascoiu's presentation

Sites

- Historically, there has been a lack of a strong incentive to push sites for their IPv6 deployment

- The packet and flow marking effort is of great importance and will hopefully encourage the remaining sites

  - The next WLCG Data Challenge in 2024 will make use of this