



AuthZ WG update

GDB meeting, 13 July 2022

Maarten Litmaath for the

WLCG Authorization WG

v1.0

Introduction

- Please refer to the March GDB [talk](#) and the AuthZ WG [home](#) page for background information
- Agenda:
 - Computing
 - Data management
 - IAM deployment
 - Timelines

Computing

- HTCondor CE X509 support EOL postponed to Feb 2023
- CE token support deployment campaign on OSG completed
- CE token support deployment [campaign](#) on EGI launched June 1, 50+% done
 - HTCondor CE v9.0.x with tokens for ATLAS and CMS, others later
 - ARC CE REST interface
- A CE token [hackathon](#) will be hosted by NIKHEF, Sep 15-16
- ALICE
 - HTCondor CE job submission can use tokens, tested with WLCG VO
- LHCb
 - DIRAC progress was [presented](#) in the June GDB
 - v8.0 is to provide token support for HTCondor CE job submission, ETA this summer
- Discussion has started on how to extend the profile with further use cases
 - Access to various kinds of specific computing resources behind a CE

Data management

- Workflow details involving Rucio and/or FTS vs. SEs have mostly been agreed
 - [May need to be re-discussed if major implementation or operational hurdles are encountered](#)
- The token testbed covers *basic* functionality and interoperability
 - [Most endpoints pass most tests](#)
- Rucio and DIRAC should drive this, but progress is pending
 - [DOMA BDT update, June 29](#)
- SE configuration questions for concurrent use of X509 and tokens
 - [DOMA BDT meeting, July 6](#)

IAM deployment

- Log retention and query improvements for the CERN instances
- Next IAM release candidate (v1.8) has been deployed for WLCG VO
 - Will next be used for ALICE and LHCb, starting from a *shared* base configuration
- HA work ongoing at CNAF, STFC and NIKHEF
- VOMS importer now runs every 3 hours for ATLAS and soon also for CMS
 - Copies users, groups and roles from VOMS
 - IAM does its own experiment membership checks
 - Several issues were encountered and worked around so far
- Experiment experts can open tickets in SNow or directly in [GitHub](#)
- CERN IAM team is hoping to grow
 - Support already provided for WLCG IAM instances, and progress expected regardless
- **Thanks** to the developers and deployment experts at CNAF !

Timelines

- Token Transition Timeline to be agreed and published in Zenodo as v1.0 (changes expected)
 - Subsequent versions will be added whenever there are significant updates of the timeline
- Prerequisites for phasing out VOMS(-Admin)
 - Significant VO admin functionality issues in IAM need to be resolved
 - Experiments need to switch user registration procedures to IAM
 - The IAM services probably need to be made more HA
 - The CERN IAM team needs to grow
 - Remaining VOMS-Admin use cases need to be moved or phased out
- Probably best done one experiment at a time
- Discussion...