AuthZ WG update

GDB meeting, 13 July 2022

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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
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](https://github.com)

- 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…