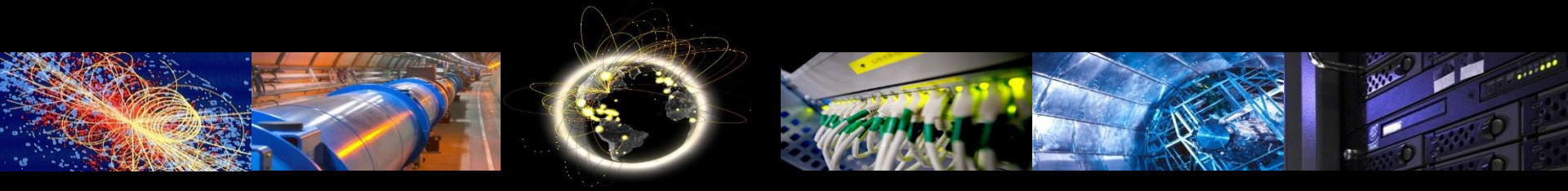
Presented by Hannah Short, Andrea Ceccanti, Brian Bockelman

WLCG Authorisation WG Update

Authored by the WLCG AuthZ Working Group

GDB September 2020



Key Updates

- Bearer token discovery published
- Current discussions
- Announcements

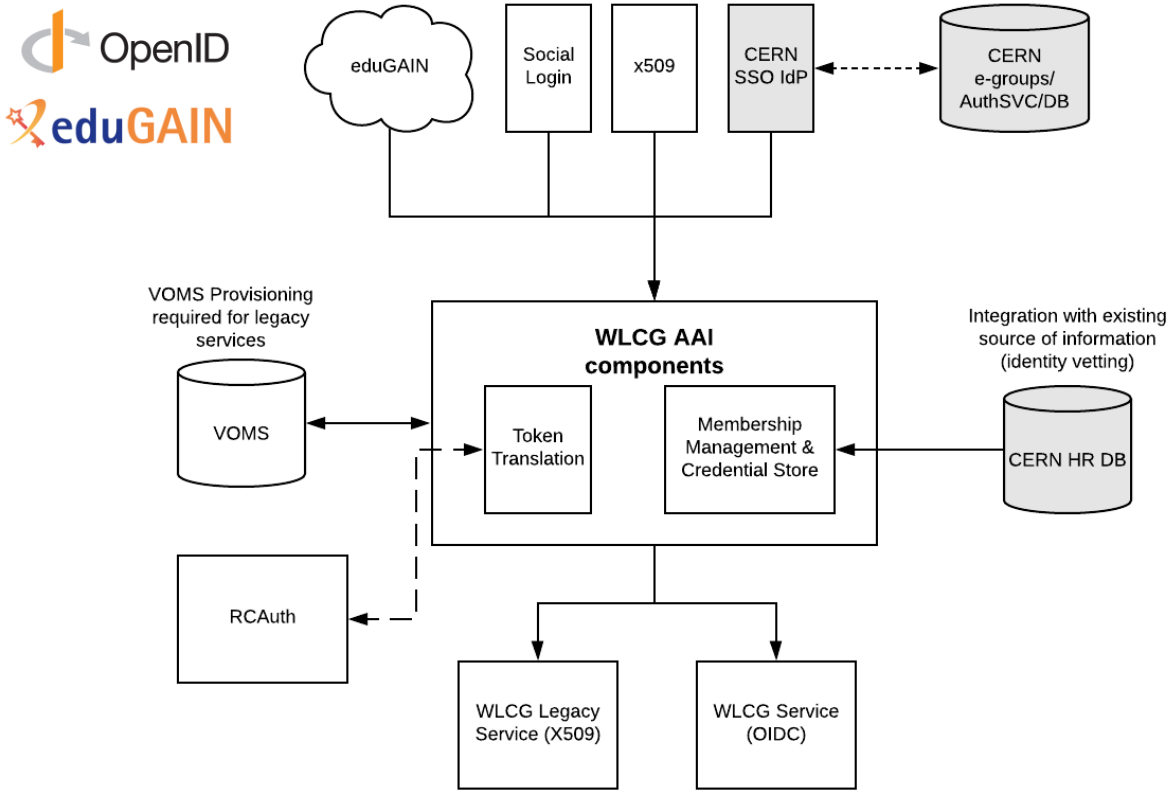
Who? WLCG AuthZ WG

Representation from wide range of institutes and experiments. Development work of pilot projects supported by:

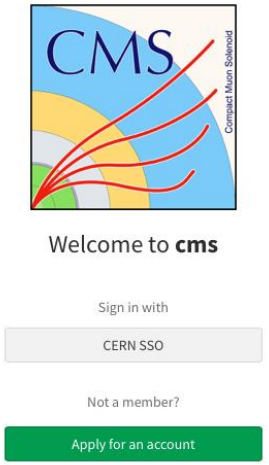
What are we improving?

- Usability
  - Removing need for users to manage user-certificates
  - Ability to authenticate with home organisation credentials
- Membership Management
  - Smoother alternative to VOMS Admin
- Simplified integration
  - Adopting widely accepted technologies (OAuth2 and OIDC)
  - Priority to stick to standards

What? Solution Design

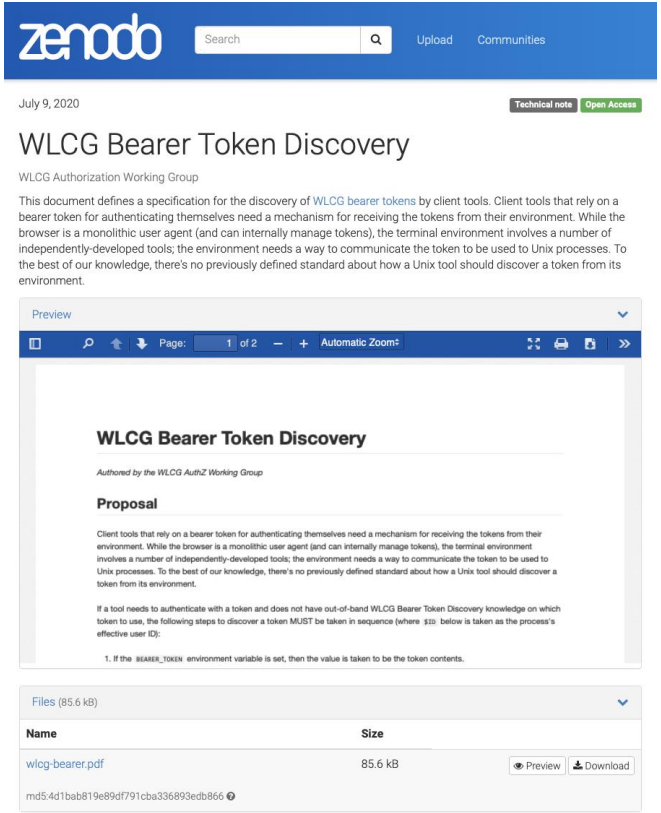


Now deployed for CMS at https://cms-auth.web.cern.ch



Bearer Token Discovery

- Working document at https://github.com/WLCG-AuthZ-WG/bearer-token-discovery
- Published document at https://zenodo.org/record/3937438#.X1dqnC2w0UE
- Specifies location for token discovery:
  - BEARER_TOKEN env var
  - BEARER_TOKEN_FILE env var
  - If XDG_RUNTIME_DIR env var is set*, then $XDG_RUNTIME_DIR/bt_u$ID**.
  - Otherwise, take the token from /tmp/bt_u$ID.



https://zenodo.org/record/3937438#.X1dqnC2w0UE published in new WLCG Community

Current Discussions

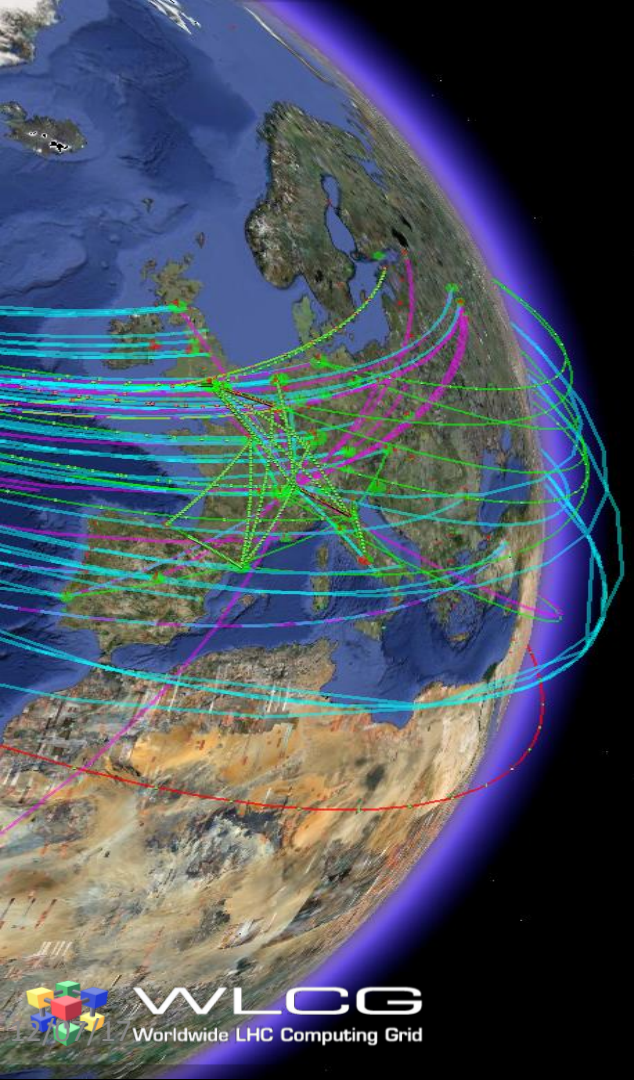
- Access token audiences (mechanism to restrict which tokens are accepted by which clients)
  - Does our software stack support them?
  - How to request them?
  - What should they be?
- Personal data availability in UserInfo endpoint

WLCG Worldwide LHC Computing Grid

Announcements

- Authorisation Hackathon #2 Sep. 16 - 18
  https://indico.cern.ch/event/953075/
- CHEP Paper accepted
- Calls resumed from September onwards
  https://indico.cern.ch/category/68/
- Docs prepared in support of the DOMA TPC WG
  https://wlcg-authz-wg.github.io/wlcg-authz-docs/

WLCG Worldwide LHC Computing Grid



Questions?