WLCG IAM Deployment at CERN

WoTBAn&Az

October 18th 2021
Deployments

https://atlas-auth.web.cern.ch

https://cms-auth.web.cern.ch

https://alice-auth.web.cern.ch

https://lhcb-auth.web.cern.ch

TBC
Leveraging CERN’s infrastructure as far as possible. Scalable deployment on Openshift.
LHC VOs have two login options
  - Certificate login
  - CERN SSO

Expectation that users will authenticate with CERN SSO for registration and can add certificate later if desired
  - CERN SSO token used to validate VO membership

Additional admin login form hidden for normal workflows
• Supported by CERN’s Authentication Team (IT-CDA-IC)
  - 24/7 Service Desk will escalate tickets when needed
• Working very closely with Andrea Ceccanti
• TBC whether WLCG/CERN security team will have direct access as administrators or whether blocking API required
Trust

- Policy requirements for WLCG Token Issuers yet to be defined
- Likely that IGTF will continue to play a crucial role
  - Attribute Authority Operation Guidelines already analysed and some necessary changes identified
Next Steps

- Complete full development infrastructure
  - Ideally with automatic deployment with gitlab CI

- Complete production readiness checklist
  - Stress tests
  - Incident response procedures (plus tests)
  - Monitoring
  - … etc :)


Questions?