



Group discussion: Logging

INDIGO IAM Technical Hackathon
10 February 2025

Sharing Audit Logs with VO Admins

- This is the last feature which existed on VOMS-Admin but is still missing on IAM
- It has been requested by all of the 4 big LHC VO Admins
- Audit logs were shared on a dashboard page on VOMS-Admin
- It was previously agreed that, instead of doing the same on IAM, it would be more effective to just separate the audit logs from the rest of the logs to allow audit logs to be exported separately to a logging tool (e.g. OpenSearch)
 - Better filtering, easier search, easier history handling, easier to control access, easy to integrate with any logging tool...
 - At CERN, we can use separate index patterns (or tenants) for each VO on OpenSearch so that each VO admin can only see their VO's logs

Issues

Issues that are blocking us from implementing this:

- VOMS-AA: There is no logs on INFO level, there are logs only on DEBUG level ([GitHub Issue](#))
 - DEBUG logs create 50+ lines of log for each proxy creation which is so many unnecessary logs to store
 - DEBUG logs include the proxy itself and isn't a good security
- IAM + VOMS-AA: Audit logs should be saved to a separate file from the rest of the logs ([GitHub Issue](#))
 - So that we only share the related logs with the VO Admins

Discussion

- Would everyone agree that exporting the logs to a logging tool is a better approach than having them as a dashboard page in IAM?
- What information should the VOMS-AA audit logs include?
 - account id, name, certificate CN, created/failed, reason if failed (?)
- Any other discussion about logging?
- Maybe we can find time during the following days of Hackathon to fix these issues?