

VOMS Admin Deprecation plan

Migration Strategy

PLEASE COMMENT ON THIS SECTION :)

1. **July** Production quality IAM instance set up for a VO (each of the 4 VOs)
2. Ongoing synchronisation from VOMS to IAM: users, groups, roles (modeled as Optional Groups internally)
 - a. Roles will be created as subgroups in IAM with same name and tagged as optional
 - b. Role requests for VOMS proxies will be identical
 - c. Will need to ensure that there are no conflicts between roles and groups
3. Systems run side by side with VOMS as master, users register in VOMS Admin.
4. Clients update their configuration to use IAM instead of VOMS. Failover to VOMS set up for trial period.
5. VO documentation and procedures updated
6. **October (unlikely)** Decision is made for IAM to become authoritative
7. VOMS Admin turned off. Users register in IAM. At this point VOMS becomes slave and is not kept in synch

Tasks

To move towards full adoption of IAM, we need to deprecate VOMS Admin. There are Many tasks that must happen before then

Task	Comment	When?
Some enhancements required in IAM: which? (discussion thread ongoing, in preparation for MB meeting end of Feb.	Andrea to expand - Generic attributes (is this used by CMS?) - Mkggridmap equivalent to talk to IAM API - Self removal of user from VO (not urgent) - Expiring unused refresh tokens that are not used for a while	End of January 2021 Related issues: https://github.com/indigo-iam/iam/issues/361 https://github.com/indigo-iam/iam/issues/360 -> DONE https://github.com/indigo-iam/iam/issues/362 https://github.com/indigo-iam/

first draft for full feature list, expected that discussions will continue)		voms-aa/issues/1 -> DONE
Load tests (need estimates)	Some investigation & executing tests. Aim to understand how many resources required.	
Write migration script	In progress by Andrea. Working Group should define procedure in detail. -	
Technical migration (Laurence Field is service owner)		
User onboarding documentation & processes per VO		
Policies (ensure suitable for non X.509 identities, update to IGTF new policies)		