

# Approved VOs Process

Ste Jones  
Liverpool  
10 March 2020

[https://www.gridpp.ac.uk/wiki/GridPP\\_approved\\_VO](https://www.gridpp.ac.uk/wiki/GridPP_approved_VO)

# Some problems

- VO info in ops portal and elsewhere (i.e. VOMS info) changes without sites knowing.
- There are different ways to use the info from the ops portal, e.g. to make /etc/vomses files and lsc files, perhaps even ARGUS policies.
- We need to know which VOs are “approved” by PMB, i.e. whether they are “entitled” to support etc.

# Some ad hoc solutions

- A document, Approved Vos, to reflect the contents of the Ops Portal.
- To try to keep it up to date, devise a tool, VomsSnooper, for that.
- Publish the info in some “standard” form, (YAIM up to 2019, now just print out typical VOMSES and VOMSDIR files.)
- “Listen out” for news of change, and update document.
- Occasionally compare to Ops Portal (once per week) and fix it up.
- Announce any mods (Changes to Approved VOs on TB Support)
- Sites can update as they see fit.

# The RPMs

- More recently, RPMs have been made of all Approved VOs.
- Uses another tool to fetch from the Ops Portal with a SAX Parser to read the XML (something like VomsSnooper.)
- If the VO/VOMS info changes, new, version stamped RPMs come out in a Yum Repo.
- Used at Liv and Edinburgh.
- Has some advantages.

# Advantages

- I update the Yum repo “instantaneously” with the changes to the VOMs Servers. Sites don't need to schedule (as long as I do it properly!) Sites don't need to do anything if puppet set to LATEST.
- The RPMs have more than just the files in them; they also have the VOID card for the VO, in xml, so custom scripting is possible.
- Facilities exist for VOs that exist outside ops portal (although I don't like that.)
-

# Problems

- I don't have a nice place to host the yum repo.
- The RPMs are not (at present) relocatable. This is awkward if you don't have the standard setup. I think it might be easy to change; I can have a look.
- Only two sites using it.
- Needs looking after.
- All comments, remarks and insults will be treated on their individual merits.