

Attendees:

Local: Maarten, Stefan, Ulrich

Remote: Igor, Andrew, Jan Just, Miguel

Feedback about the current prototype installation at CERN has now been received by all VOs. The meeting was dedicated to a plan until the closure of the task force (see attached slides).

Discussions / questions during the presentation:

- Slide4: location of the WLCG repository containing the client version of machine/job features (python-mjf): <http://linuxsoft.cern.ch/wlcg/>

- Slide 6: number of instances per batch system type

- sites which are publishing "pbs" are using the successor version of torque (not pbs pro), so pbs + torque can be merged into one "pool"

- Members of our task force caring for the different implementations for batch systems are:

- condor: Igor

- Isf: Ulrich

- pbs/torque: Jan Just

- sge/sungridengine: Manfred

- slurm: we need to find a site e.g. will contact CSCS

- unicore: is used for HPC site

- loadleveler: used by one site only, lower priority

- For "first installations" the sites would be:

- condor: UCSD

- Isf: CERN

- pbs/torque: NIKHEF

- sge/sungridengine: FZK

- For "friendly sites" to contact for a second / third installation we'll contact:

- condor: BNL, Fermilab

- Isf: INFN

- pbs: not defined

- sge: IN2P3

- Slide 7: cloud infrastructure

- We need to find a mechanism how to announce to the VM where the key/value store which holds the job/machinefeatures is located (use meta-service? convention?). A solution for this problem will be proposed during the prototype installation done at CERN.

- It was decided that another round of VOs testing the client will not be needed for the cloud infrastructure, the json format and client api shall not change and this was already tested during the first round on batch systems.

- Slide 8: bi-directional communication

- It was not clear whether the different email threads all concluded on this topic. This needs to be eventually revived.

- Once done the decided way to communicate the information VO->resource can be implemented within the mlf client.

- For retrieving the information on the resource side Igor will pave the way for implementing this in condor, other batch systems to follow

- Slide 9: what is not covered in the plan

- It was agreed that the TF will give a proposal for a first set of key/values to be communicated. Any further discussions about eventual extensions/changes need to be done on a broader level (e.g. GDB, WLCG Ops Coord).

General remarks:

- Andrew: Shall we include VOs into the plan earlier? Maarten/Stefan: Yes, probably once we have the SAM probe that we gain confidence that the implementations are doing the right thing, the VOs shall be contacted and also about which sites already have job/machinefeatures implemented.

- Otherwise the plan as done in the presentation was agreed.