

EGI Clinics: ARC CE

Tuesday 3 November 11:15 CET

Questions and Answers

- Matt Viljoen, EGI: (Comment or question)

Does the reduction of adoption of BDII have any impact on ARC?

F: we don't think so, we are preparing for a BDII-free future. But we would like input about what information from BDII is currently relevant for projects/user communities/monitoring to improve the next generation infosys

- Mary, Nikhef:

- (1) What is the default interface used/configured for the ARC-CE for the job submissions (via a client arctsub)? Is it the arcrest?

A: There is no **default** interface from the client side. On the server side it what in configuration file. If nothing is enabled in the configuration file there will be nothing enabled by default.

- (2) From the client submission, is it possible to change the interface preference for *all* users instead of just an individual user by specifying the --submission-endpoint-type?

A: Users each can choose which interface to use. There is no notion of global and local preferences.

- (3) RE the job traceability, if the user does not specify a queue in the job submission and the arc client negotiates an appropriate queue (which seems like a random selection of allowable queues that the users is allowed to use)--is it possible to tell if the user did not specify the queue vs if the client assigned the queue?

A: It is not possible if the user does not want. But the job sent to the server contains the original job description as set by the user. So by additional steps it is possible to find that out.

- (Evgeny Stambulchik, WIS): I would like to hear about success stories of using ARC-CE with OpenPBS (I mean *modern* OpenPBS, version 20).
- (Sorina, Creatis): You've mentioned 2 supported batch systems by ARC6, but couldn't get the first one (I think the second was Condor). Could you please name the supported batch systems by ARC6 again, please ? Is there one in particular that you would recommend ? Should we refer to this page <http://www.nordugrid.org/documents/arc6/admins/details/lrms.html> ?

A: (Catalin Condurache - EGI) I believe it is SLURM (Maiken: yes it is) SLURM is the best supported.

- Matt Viljoen, EGI: (Comment or question)
With other CEs like CREAM going away, is ARC here to stay? Any plans to morph it to something else in the future?
F: Arc is here to stay, and ideas for next generation are in the making, at the moment maintenance of basic critical features is based on key communities such as HEP, for larger developments we need to apply for funding.
We hope our recent switch to git (Maiken: and mirroring of gitlab <https://source.coderefinery.org/nordugrid/arc> to github <https://github.com/nordugrid/arc>) will increase the amount of community contributions.
- Matt Viljoen, EGI: (Comment or question)
Is there any implication to ARC on the end of life support of Globus? (e.g. gsi dependencies...)
A: Hopefully not as we are moving away from GridFTP interface. But we still are going to support Globus' GridFTP for data staging. ARC has no other kind of dependency on GSI except GridFTP.

<https://github.com/nordugrid/arc> - for anyone willing to contribute or to make suggestions