Subject: prespec on the GRID: How do I use the GRID?
Posted by miree on Mon, 24 Nov 2014 10:02:19 GMT
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Hello everybody,

There were attempts to compile/run the prespec software package on the Cern GRID.
There are some problems with missing libraries, so I wanted to go on the GRID and give it a try.

However, I have already problems getting on the GRID:
I got a certificate from my university that allowed me to become member of the agata.vo on the GRID.
But how do I proceed? Are there some software packages that I need to install on my computer?

Thanks in advance,
Michael

Subject: Re: prespec on the GRID: How do I use the GRID?
Posted by thuyuk on Mon, 24 Nov 2014 13:03:19 GMT
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Hi Michael,

You should have obtained your certificate via your web browser. Then, extract the certificate into PKCS12 format and follow the steps in the attached pdf document. You may also find some basic operations in the same document.

You don't need to install any packages to your computer. Just make sure that you can ssh to the user interface in your institute. User interface is just some kind of port between you and the GRID where you can test your programs if they would work on GRID and you can submit jobs.

Cheers,
tayfun

File Attachments
1) grid.pdf, downloaded 870 times

Subject: Re: prespec on the GRID: How do I use the GRID?
Posted by miree on Mon, 24 Nov 2014 15:18:28 GMT
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Thanks,

that assumes we have such a "user interface" computer at our institute. I'll try to see if I have access to a user interface.
In case I don't: Is there any possibility to get an account on existing user interfaces of other

institutes?

Cheers,
Michael

Subject: Re: prespec on the GRID: How do I use the GRID?
Posted by thuyuk on Mon, 24 Nov 2014 15:28:40 GMT
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Hi Michael,

Yes, most likely your institute have a UI.

I doubt if you could arrange an access to a UI of an other institute. We may ask to our IT department to open a temporary account, but it would not last more than a month. I think we had a similar case during the EGAN school in December, 2012, i.e. there were temporary accounts especially opened for the school for those who don't possess the GRID access.

Cheers,
Tayfun

Subject: Re: prespec on the GRID: How do I use the GRID?
Posted by Damian Ralet on Mon, 24 Nov 2014 15:40:45 GMT
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Hi Michael,

I am wondering if Marc was not looking at this already. Maybe he could give more information?

I heard it was also possible to install you own UI on a scientific linux computer, but I am not sure this is valid. SInce I am not so familar with the grid, I might have miss-understood.

Cheers,
Damian

Subject: Re: prespec on the GRID: How do I use the GRID?
Posted by miree on Mon, 24 Nov 2014 16:02:55 GMT
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Hi Damian,

so far, we (Marc and me) only got the certificate.

I'll shortly describe the process which might be of interest for others (in Germany) to get such a certificate:
On the following site:
https://info.pca.dfn.de/grid-ras.html

is a list of institutions that give Grid certificates. It also lists email addresses of persons in charge.
I wrote to the TU-Darmstadt person and he gave me further instructions.
After, I applied for membership in the AGATA virtual organization, as described here:
http://csngwinfo.in2p3.fr/mediawiki/index.php/Grid_HowTo#2009_Week_46

Cheers,
Michael
