Subject: Access to the GRID
Posted by bene on Mon, 28 Sep 2015 11:47:45 GMT
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Dear all,

I would like to get access to the AGATA data on the GRID sites. However, the information linked on the agata.org site is rather out of date. In addition all information assumes that there is a local Grid Administrator, but in our case there is no such. So, if anyone has additional information on how to setup a AGATA enabled GRID ui and how to proceed further please let me know!

I'll try to update this thread in order to make it possible for other people to follow.

Cheers

Benedikt

Subject: Re: Access to the GRID
Posted by bene on Wed, 25 Nov 2015 16:37:02 GMT
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Ok I made some advances, nevertheless I still don't have any access. My steps were:

1. Get a grid certificate and become a member of the vo

2. Install Scientific Linux release 6.7 (Carbon)
3. Install egi repository from the egi website
4. install lcg-utils
5. Install and set up voms-client
http://italiangrid.github.io/voms/documentation/voms-clients-guide/3.0.3 /#cred
6. Copy my own certificates and set up paths
7. create voms lsc
https://cclcgvomsli01.in2p3.fr:8443/voms/vo.agata.org/configuration/conf iguration.action
8. install repo for ca certificates
https://wiki.egi.eu/wiki/EGI_IGTF_Release

And here I am. I can start a local proxy, but I get an error message

Error: verify failed.
Cannot verify AC signature!

However the proxy is started. Now I think I should be able to connect to the grid site and start fetching stuff, but actually I have no idea how....

Any tips?

Subject: Re: Access to the GRID
Posted by Damian Ralet on Fri, 27 Nov 2015 12:30:33 GMT
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Dear Benedikt,

Nice that you manage to proceed on the GRID status.
Have you contacted Mohammed Kaci from Valencia? I know that he has been doing some grid data analysis, and that he wrote an additional layer to ease data transfer from storage place to computing unit.
Here is the two links of the presentations and "How To" he wrote for the EGAN school of 2012.
ns.ph.liv.ac.uk/EGAN/files/wednesday/EGANS2012-GRID-kaci.pdf
http://ns.ph.liv.ac.uk/EGAN/files/wednesday/GRID-HOWTO.pdf

Cheers,
Damian

Subject: Re: Access to the GRID
Posted by bene on Fri, 27 Nov 2015 13:36:52 GMT
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Thank you a lot Damian,

Actually I handled it yesterday to download a single file. Are you aware of any tools that allow recursive download?

Cheers

Benedikt

Subject: Re: Access to the GRID
Posted by Damian Ralet on Fri, 27 Nov 2015 14:50:34 GMT
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Hi Benedikt,

I know that people in IPN has the same issue than you to download more than one file.
I supposed that Mohammed had something for this, but I am not completely sure.
I contacted him. I will let you know.

Cheers,
Damian

Subject: Re: Access to the GRID
Posted by bene on Wed, 02 Dec 2015 09:51:30 GMT
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Thank you Damian,

I finally handled it myself by writing a small python script that collects all files.
I wrote a small documentation on how to set up a system, register and download experimental data from the grid sites.

It is available from the IKP website

http://www.ikp.uni-koeln.de/research/agata/index.php?show=documentation

and I also attached it to this post. So maybe it helps somebody in the future.

File Attachments

1) grid.pdf, downloaded 1275 times

Subject: Re: Access to the GRID
Posted by Damian Ralet on Wed, 02 Dec 2015 09:54:13 GMT
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Hi Bene,

Tahnks. I think it will be really useful for more than one person.
