Richard Mclennan <richard.mclennan@egi.eu>

Re: MAPPER and PRACE/EGI task force

1 message

Krzysztof Kurowski <krzysztof.kurowski@man.poznan.pl>   **30 November 2011 12:51**
To: Tiziana Ferrari <tiziana.ferrari@egi.eu>
Cc: Richard Mclennan <richard.mclennan@egi.eu>, Gergely Sipos <gergely.sipos@egi.eu>, Emir Imamagic <eimamagi@srce.hr>, Axel Berg <Axel@sara.nl>, g.fiameni@cineca.it, Steve Brewer <steve.brewer@egi.eu>, Steven Newhouse <steven.newhouse@egi.eu>, Marcin Radecki <radecki@agh.edu.pl>, Peter Solagna <peter.solagna@egi.eu>

Dear Tiziana,

On Nov 29, 2011, at 4:35 PM, Tiziana Ferrari wrote:

> Hi Chris
>
> (I've included in this thread a few people, please feel free to circulate as needed)
>
> I'm also including in this thread Emir Imamagic who is the new officer responsible of operational integration activities in EGI. Comments in-line below.
>
>> Axel, Giuseppe, Steve and Steven,
>> after the successful proof of concept we would like to progress further
>> within the EMP (EGI/MAPPER/PRACE) task force,
>> so it would be good if you drop me your comments and suggestions for
>> more persistent and sustainable collaboration in the future.
>> From my perspective there are a few actions for EGI:
>> - work on a MAPPER software distribution for EGI, probably under UMD
>> procedures
>
> (1) distribution of software within UMD has the implication that the software provider has to commit to maintain and support the software. The UMD products undergo internal validation and testing for stability. So including products in UMD is a very interesting idea but imposes some requirements on the providers of the software.
> Also, we should understand how many NGIs would be interested in installing those products, to asses the expected uptake.

It is not a problem as for QCG middleware PSNC took a full responsibility for the software support,
for instance taking into account long-term obligations in production sites.
Other MAPPER tools will be supported and maintained by the MAPPER consortium,
details have been discussing.

>> - add and support MAPPER-enabled sites to EGI / NGIs
>> and PRACE respectively:
>
> (2) as far as I understood, all sites involved in the pilot are already in GOCDB,

yes

> but probably just a subset of services used in the MAPPER pilot are declared as EGI services in GOCDB. Am I correct?

Key middleware services that were added to EGI sties, namely PL-Grid sites, are declared as EGI services in GOCDB (visible to EGI),
except maybe GridFTP we used on sites which is not in GOCDB (btw. only two gridftp services are visible now in GOCDB?).
There are a few more services that are located either in the user space or can be deployed on some dedicated nodes.

> What we discussed in Lyon is the interest in having those services in GOCDB flagged with a specific service type instead of the generic "regional service" flag. To my recollection there's an open action on the MAPPER collaboration to assess how many NGIs would be interested in having QCG services flagged as production EGI services. This choice has some implications in terms of availability of the services.

As MAPPER user communities live in different countries they will contact local NGIs
to progress on that... NGIs in UK, Netherlands and Germany are on the top list.

>> - work on a more persistent solution, in particular add new QCG
>> middleware to support AR and co-allocation,
>> according to received comments, internal software evaluation rules and

>> maintenance procedures
>
> I'll let other comment, I guess this point is not for EGI
>
>> - common monitoring, accounting and reporting services
>
> common monitoring and accounting are worthwhile to be investigated.
> I understand the monitoring part is fairly easy as NGI_PL has already integrated QCG monitoring into their national SAM framework.
> However, we should though firstly address points (1) and (2).

see my comments above.

>
> Accounting requires developed as far as I understood in Lyon. Correct?

Yes, we will have these features available in PL-Grid and extend them to work with EGI in the near future.
Let's hope before the next big EGI meeting in March.

>> Taking into account new challenges it would be good if you nominate (if
>> needed) new people
>> to make sure we keep all relevant researchers in the loop.
>
> For the operational aspects raised in this mail the people to keep in the loop are myself, Emir Imamagic and Peter Solagna.

Thanks a lot Tiziana!

All the best,
Chris

PS. Richard, could you please add Titiana and my comments on the EMP wiki?

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