

Notes from the FPS-CMS Computing Team Phone Meeting November 10th, 2011

Participants:

RWTH: Thomas Kress, Oleg
KA: Oliver Oberst, Günter Quast, Manuel Zeise
UHH: Hartmut Stadie, Martijn Gosselink
DESY: Christoph Wissing [Protocol]

Some information can be found on the following indico
page: <https://indico.desy.de/conferenceDisplay.py?confId=5057>

1.) Funding request by German university groups

A draft version of the document is existing. The Computing part has been edited by Günter. Main topic was the "magic" table that shows the distribution of FTEs over the institutes and tasks. In the version sent to Achim Stahl (as coming FPS speaker in charge of the full document) we have the table like in the last funding period.

There is a danger that the funding will be cut. It is quite likely that our common FPS tasks are being cut, but what is cut and how much is highly unclear. In order to "rescue" most funding for Tier-2 operations at UniHH, we shift 0.5 FTE between UniHH/DESY and Tier-2/FPS-Tasks:

Old:

Task	DESY	UniHH
T1	0.5	--
T2	1.0	1.0
FPS	0.5	1.0

New:

Task	DESY	UniHH
T1	0.5	--
T2	0.5	1.5
FPS	1.0	0.5

Christoph will check with Kerstin, if this o.k. with the CMS group leaders.
[By the time of writing the minutes, Kerstin has agreed to the change.]

Comments to the text will be collected by Christoph and Günter and sent to Achim together with the updated table on behalf of the Computing Team.

2.) Preparation of HGF Alliance in Bonn

There two sessions of interest for us:

Grid project session (Tuesday 13:30)
NAF user meeting (Tuesday 16:30)
[well yes, the dinner Tuesday evening is of interest, too]

For the Grid project session there will presentation from all sub-projects:

- NAF (Hartmut and Yves are in charge)
- D-Cache (dcache.org)
- Tier-2 (Thomas for the CMS part)
- Virtualisation (KIT)

Christoph wants to check with Matthias, if expects further contributions from

the Computing Team.

For the NAF meeting we need to find a speaker for CMS feedback.

- Recycle material prepared (mainly) by KIT colleagues for September FPS meeting
- Speaker to be find, can be from Hamburg
- Iterate via mailing list this week

3. Evolution of HappyFace Space Monitoring

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Midterm plan is expand the existing Tier-2 HappyFace user space monitoring to the NRG D-Cache and NAF Lustre space. Some issues with bad (=badly named) sub-directories need to be cleaned up. E.g. NAF login is not always the CMS HN name. That should be fixed with new NAF accounts. Clean directory names should be enforced when NAF Lustre is decommissioned and successor product starts flying.

For D-Cache Christoph has a script that pulls VOMS for /cms/dcms members and creates a directory according to CMS HN name. Will be made available to others.

German wide user management could avoid some work. NAF accounts are in the DESY NAF-Registry. Christoph wants to find out, what can be read from it remotely. Data privacy is always an issue here and might lead to problems.

4. Storage Configurations

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Setup of 2nd file copy for "/store/user" at RWTH D-Cache

Find Oleg's slides on the agenda page.

DESY is using the replica manager to hold two copies of user data and is happy that option.

Why one copy on old pool and one on new pools? Recently two old server nodes causing trouble at the same time.

RWTH team a bit more in favour of using migration module for the task.

Remote Data Access using Xrootd

Find Christoph's slides on the agenda page.

RWTH could imagine to join the European redirector, since their D-Cache is reconfigured anyhow (s. above).

KIT does not want to enable fallback option in TFC to avoid massive WAN usage that could disturb Tier-1 operation. Tier-1 D-Cache will not join the redirector since unintended tape access cannot be avoid with present configuration options. The NRG instance could be a candidate though.