Naf User Committee March 2012.

Report from Operation

Andreas Haupt, Yves Kemp, Kai Leffhalm

On behalf of the NAF Operators for the NUC
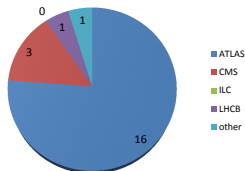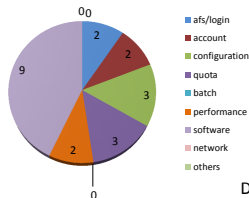March 14, 2012

HELMHOLTZ | GEMEINSCHAFT

DESY

Naf-helpdesk@desy.de (Feb 1st- Feb 29st 2012)

21 tickets in total

Category of Requests
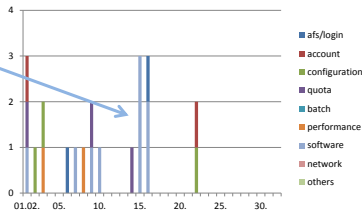

Requests by Experiment

Date/Category of Requests

New dq2 version for ATLAS

Benjamin Kahle – NAF-helpdesk

Tickets to NAF

Software

> xrootd and xproofd installed in root 5.32.00 => Done

> GFortran 4.5: complicated, eventually impossible

Storage

> Quotas had to be reenabled on lustre/atlas => Done

> Request to delete user data (3x) => Done

> Low data transfer, followed up on another tracker

Machine problems

> Reboot necessary: 1 (2 x tcx128, tcx258) => Done

> Lustre server needed to be rebooted => Done

Tickets to NAF cc.

Authentification

> afs token from outside

> autoproxy with Voms extension => Done

Other

> Change of documentation => Done

> In total 14 tickets since last NUC meeting

> 3 not solved so far

Follow up from last minutes

Sonas

> Still under testing

Memory Leaks

> New kernel parameters seems to have some effect

Queue Stats

Group	pe	slotdays
ATLAS	NONE	23186.44
	proof	6330.32
CMS	multicore	8.37
	NONE	39110.69
	proof	0.01
lhcb	NONE	5446.30
ilc	multicore	94.01
	NONE	2547.63
TOTAL	multicore	102.38
	NONE	70291.06
	proof	6330.33

Action Items

Naf Token for ubuntu/MacOS

> No news, still same problem with kdc and clients

Fix extensive directory listing on CMS dCache

> New dCache version fixes this, will at least be solved next dCache upgrade
> intermediate work around: install new version on one gridftp door which is used by dc-tools
  - Not done so far, but would be possible
> Another work around (without intervention):
  - Get gridftp door url directly from monitoring:
  - http://grid.desy.de/monitoring/poise/dcache.html

glite-UI 3.2.11-1.sl5

> Any feedback so far?

CVMFS is installed in the NAF

Needs extended testing before going into production:

Testing from NAF side

> Final concept for squid server has to be decided
  - A second squid server for atlas
  - RPM configuration has to be adapted to separate squids/VOs

Testing by VOs

> How do you setup CVMFS in your VO
  - What has the user to do ?
  - What has the VO to do ?
  - What have we to do (e.g. environment variables)?

> NAF operators are only installing CVMFS but do not have a good overview on the VO usage of the file system
> Need exact information on the VO specific configuration
> and on embedding it into the VO software