

Naf User Committee

Oct 2010.

Report from Operation

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On behalf of the Naf Operators

October 13, 2010



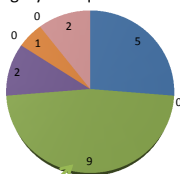
Stats from helpdesk - Thanks to B. Kahle

Naf-helpdesk@desy.de (11.9.-12.10.2010)

19 Tickets in total

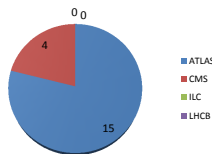
Dominated by file access
problems (mainly ATLAS disk crash)

Category of requests



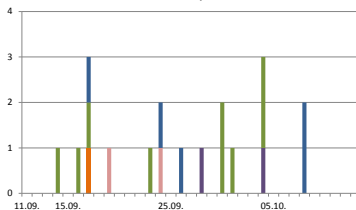
- login/afs
- performance
- file access
- configuration
- quota
- batch
- lustre
- others

Requests by Experiment



- ATLAS
- CMS
- ILC
- LHCb

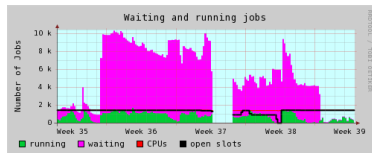
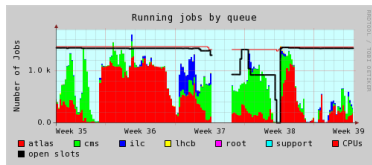
Date of requests



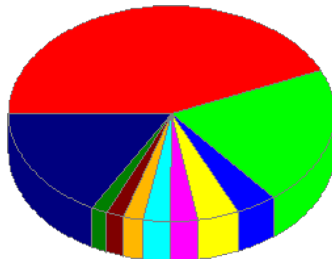
4 times due to
ATLAS disk failure



Usage stats



atlas:59%	cms:35%
ilc:6%	atlas-high:0%
lhcb:0%	support:0%



atlas1:43%	cms1:21%
cms2:4%	ilc1:4%
atlas2:3%	atlas3:3%
cms3:2%	cms4:2%
atlas4:2%	110 other:17%



Root exploit

- > Kernel bug and exploit published
- > Many sites shut down
- > Zeuthen in downtime
- > HH open due to Atlas analysis
- > all fixed at Monday morning
- > Chaotic work during the weekend
- > No more work will be spend for investigation



Issues

afs

- > Since end of July afs-instabilities are seen quite often
 - Even an `ls /afs/naf.desy.de` got stuck although it is on three different file server
 - callback problems are visible but not understood

Debugging

- > Connections from outside not the problems
- > Hardware problems searched but not found
- > Will test new version, which is still testing release
- > Contact with developers established

Lustre

- > Still evaluating other storage solutions, no solution in sight

Action Items

1005-1: SL4

- > Only two CMS user since 23rd Sep, will be closed at end of Oct

1005-3/1007-1: /scratch monitoring (instance full) and setup Lustre groups

- > New problem: Quotas do not work properly, investigation ongoing
- > Group quotas test leads to errors, search for solutions ongoing
- > email warning only working when user quotas are working

1006-6: dCache upgrade time line (10 GE in HH)

- > dCache version upgrade 20th Oct (problems with atlasalfa)
- > Upgrades will be done mostly transparent, currently no ports left
- > all gridftp doors and > 50% of the pools upgraded

Resources

Old Hardware

- > Hardware is getting old
- > Has to be exchanged in the near future

New Resources

- > Every group can now buy hardware
- > ...and integrate it into the NAF
- > Priorities can be adjusted to subgroups

