Naf Operations Report

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DESY

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Nuc Phone Conference

Request Tracker

Naf-helpdesk Tickets from the last 5 weeks

Total number of tickets: 14, thereof 8 were sent to naf@desy.de

- Account requests/problems: 4/4
- User specific problems: 3
- Performance Problems: 2
- Other tickets: 1

Naf Tickets since the last Nuc Meeting

Total number of new tickets: 4, several old were discussed

- Installation: Doxygen, plots naf batch
- Problems: Expired Accounts, Lustre sudden death, compiling software from afs
- User: move account

Hardware

Storage

- LHCb storage element ready for testing
- Dedicated storage element for Atlas in Zeuthen up and running fine

Network

- New switch will be installed on Feb. 17th. Any veto?
  - Many Worker Nodes and Storage Nodes are in downtime for one day
  - Some may just be away for e few minutes
  - Some services are down too
- DCache upgrade to major version might extend the downtime up to 3 days

CPU resources

- Problems with Pass-Through modules of blade-center solved
- All blade centers are now running (752 cores in the batch farm plus WGS and services)

Problems. . .

. . .continued from last meeting

- Sudden death of WN: still not solved,
    - but not as often as in the beginning
    - reason still not found
    - Updates of Lustre Client, Bios, Configuration
- Afs compilation time: waiting from comparison with cern, third atlas WGS installed
- Hardware problems: exchange parts arrived, solved

. . .new problems

- Registry had problems with expired accounts: solved
- Hardware errors (DIMMs): solved

Questions to the experiments

UCO question: Accounts

- Can experiments handle questions concerning changing the VO?
- Membership in a second VO means a second account
- Change of DN should be send to naf-VO-support

Action items

dcap/gsidcap performance test, (very) first results

- gsidcap needs order of a second more to open the file (1.36 s to 0.93 s)
- once open reading is the same time (gsidcap at 96.4 %)
- Naf HH and ZN seems to have the same performance

Other

- Web-registration address is

  https://www-zeuthen.desy.de/dv-bin/nafreg/registration.cgi

- Speaking names in addition to numbers are now in the job-overview

Still to do

- Documentation of changes
- Dynamic total number of cores in resource usage plots