NAF status report

Andreas Haupt, Yves Kemp
NUC
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Problems since last NUC

> ## Network / Routing issues.

- Background: Our carrier (DFN) is refactoring its network.
- Usually, they get things right … sometimes things fail
- NAF network setup is very difficult, distributed setup error-prone, sensitive to misconfiguration

> ## Speed of transfer to ATLASLOCALGROUPDISK

- Things OK at our site
- Given to ATLAS supporters

> ## Stale NFS handles

- Unclear problem
- Increased log level to get more information
-

NAF 2.0

> ## The ATLAS case:

- ATLAS is distributed over two sites, would lose a homogeneously looking system.

- PRC recommendation: Consolidate ATLAS NAF computing at one single site

- Decision: Expand resources at HH-site to offer full NAF capabilities at a single site (Storage, dCache & CPU)

- Expansion will start in early 2013

- Zeuthen resource and support provider for local ATLAS group / "Tier-3", no overall ATLAS NAF operation

> ## CMS DAS school

- Will take place on NAF 2.0 – January 14^{-18}

- Benefit from school accounts being easily available

- Infrastructure being deployed right now – WGS and WNs

Hardware

> ## NAF 1.0:

- HH: two BladeEnclosure close to production

- ZN: one BladeEnclosure moved to local ATLAS Tier-3

> ## NAF 2.0

- HH: Will start procurement early 2013 for ATLAS additions

> ## Sonas:

- We got an offer from IBM for extension and have purchased

- No delivery yet – expected before Christmas

- Need a downtime for installation – because of Christmas time will be on short notice

- Announcement of Lustre Read-Only mount will be done after extension in place

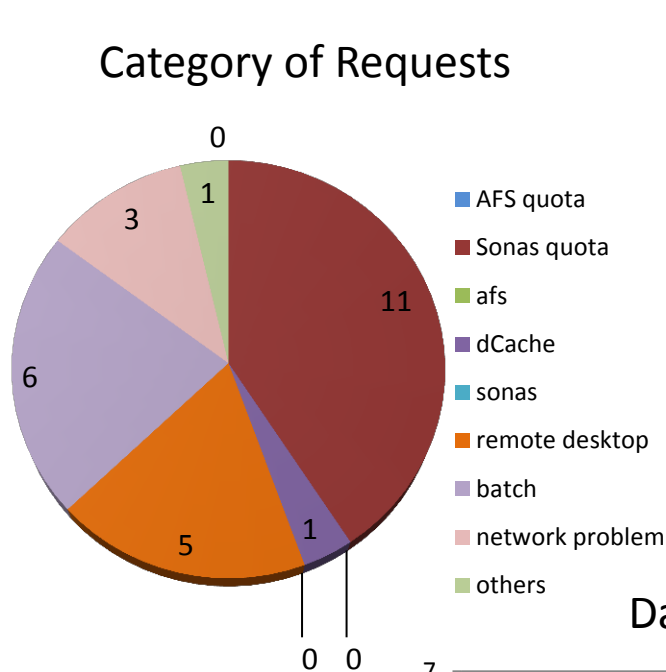- 100 TB of extension reserved for CMS DAS school until end January

NAF 2.0 – User Management

> ## External users will get a DESY account

- In the "namespace" of the DESY group

> ## Need some differentiation

- Externals should not login to bastion, DESY users desktop or private WGS

- Group webpages? Wiki? AFS group space? Shared with externals or not?

Naf-helpdesk@desy.de (Nov 1st- Nov 30th 2012)

Category of Requests

- AFS quota
- Sonas quota
- afs
- dCache
- sonas
- remote desktop
- batch
- network problem
- others

27 tickets in total

Mainly Sonas quota requests.
Some license requests for remote desktop clients.

Requests by Experiment

- ATLAS
- CMS
- ILC
- LHCB
- other

Date/Category of Requests

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Benjamin Kahle – NAF-helpdesk