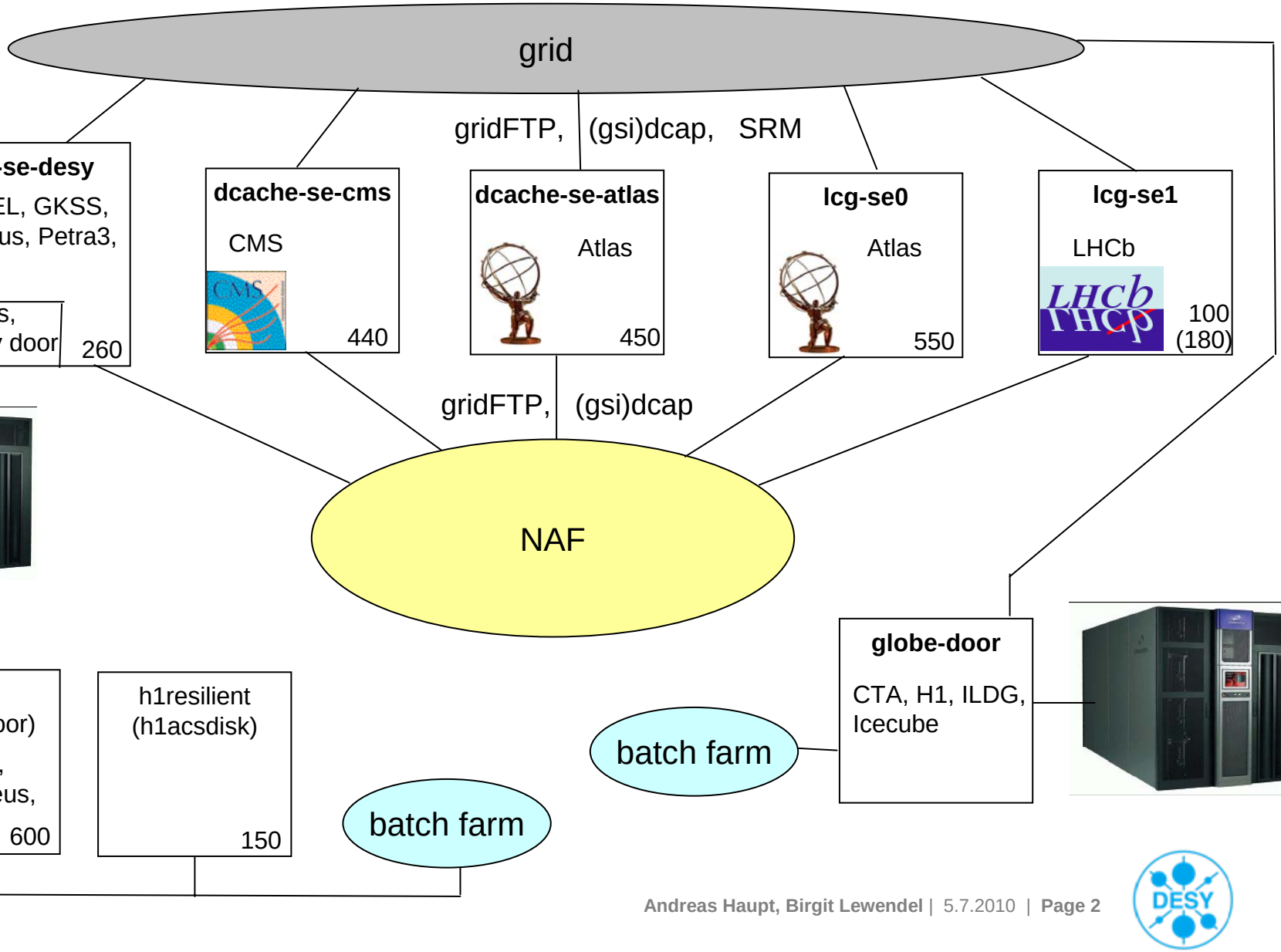
dCache in Use at DESY

Andreas Haupt, Birgit Lewendel
DESY DV/IT
dCache in Use
5.7.2010

HELMHOLTZ ASSOCIATION

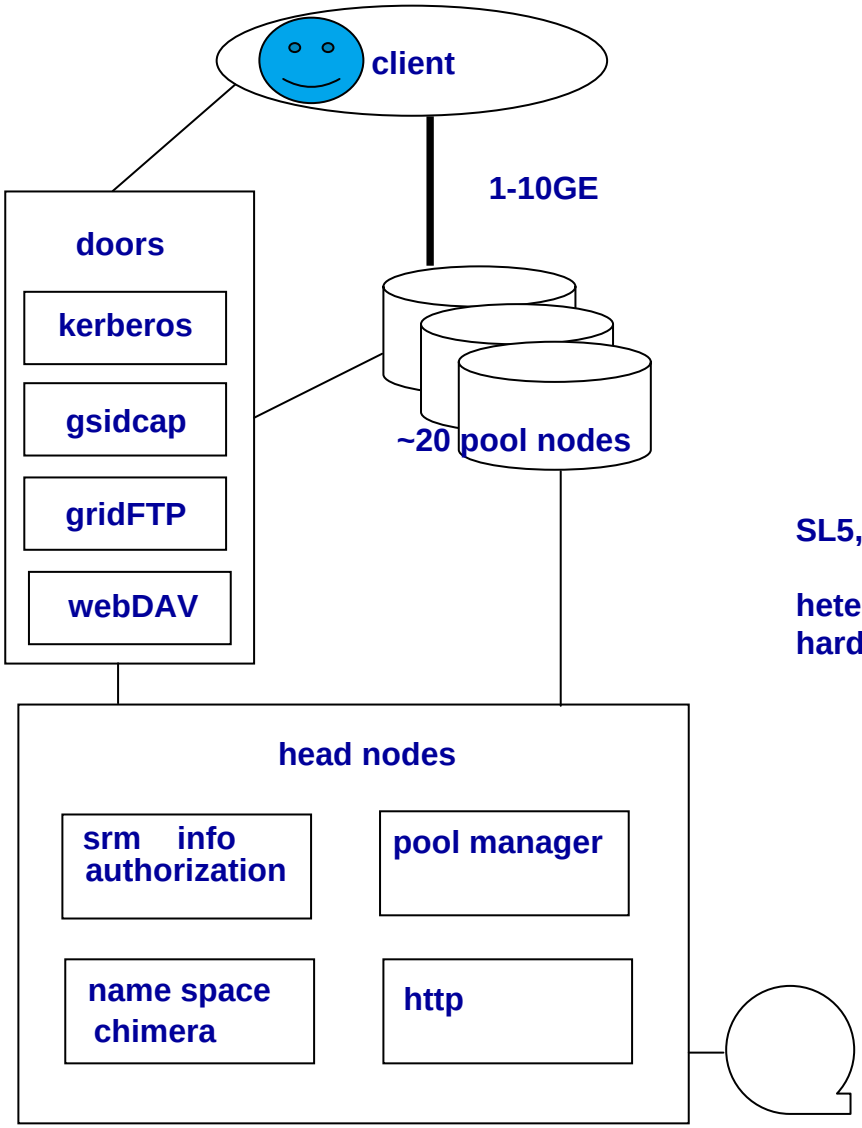
DESY

Overview


grid
gridFTP, (gsi)dcap, SRM
dcache-se-desy
Calice, CFEL, GKSS, ILC, Olympus, Petra3, XFEL
kerberos, webDav door
260
dcache-se-cms
CMS
440
dcache-se-atlas
Atlas
450
lcg-se0
Atlas
550
lcg-se1
LHCb
100 (180)
gridFTP, (gsi)dcap
NAF
Hera (dcachedoor)
H1, Hera-B, Hermes, Zeus, Hasylab, M
600
h1resilient (h1acsdisk)
150
batch farm
batch farm
globe-door
CTA, H1, ILDG, Icecube

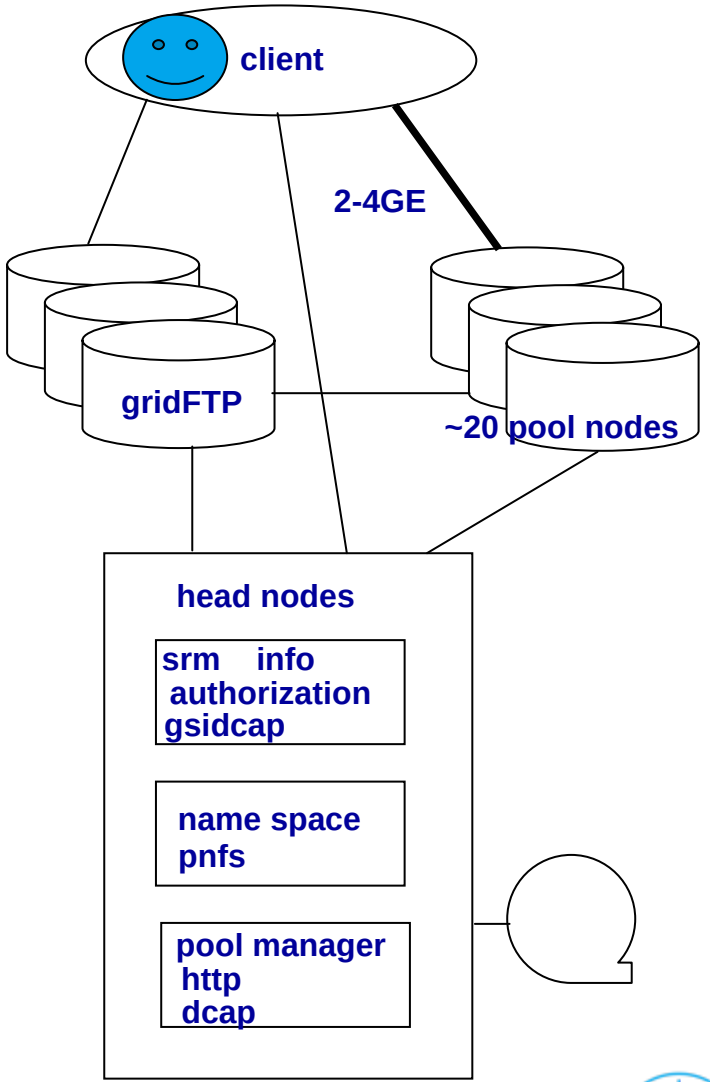
dcache-se-desy

globe-door



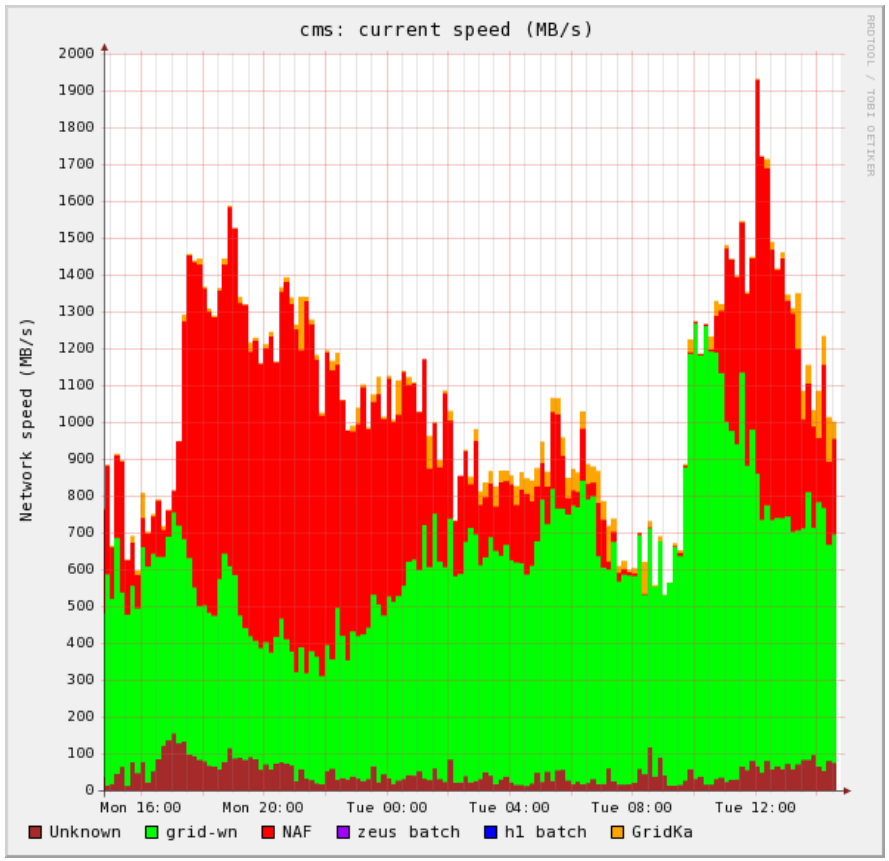
SL5, Solaris

heterogenous
hardware

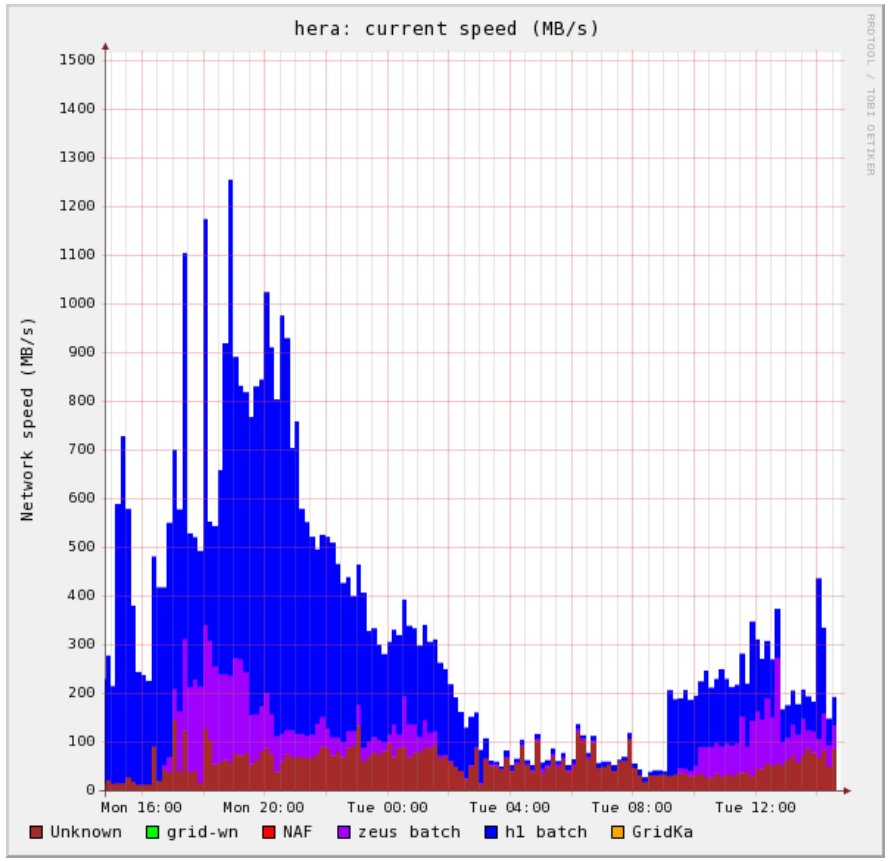


Monitoring (1)

CMS



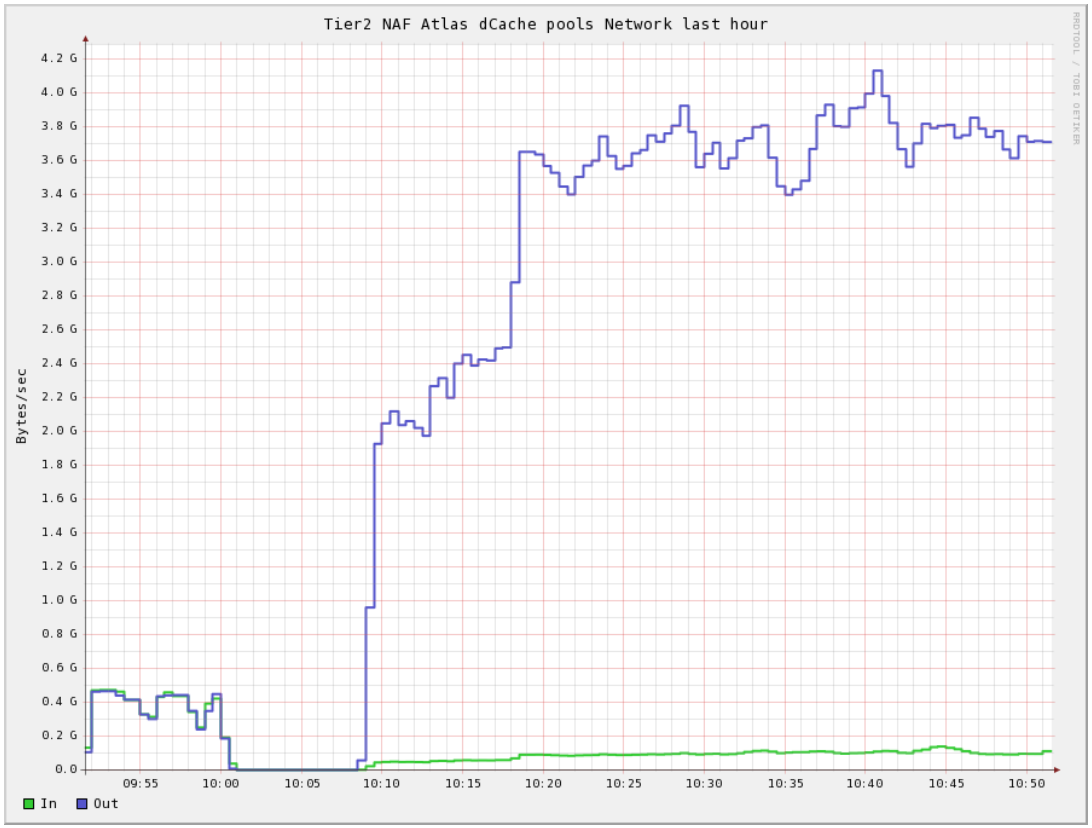
Hera



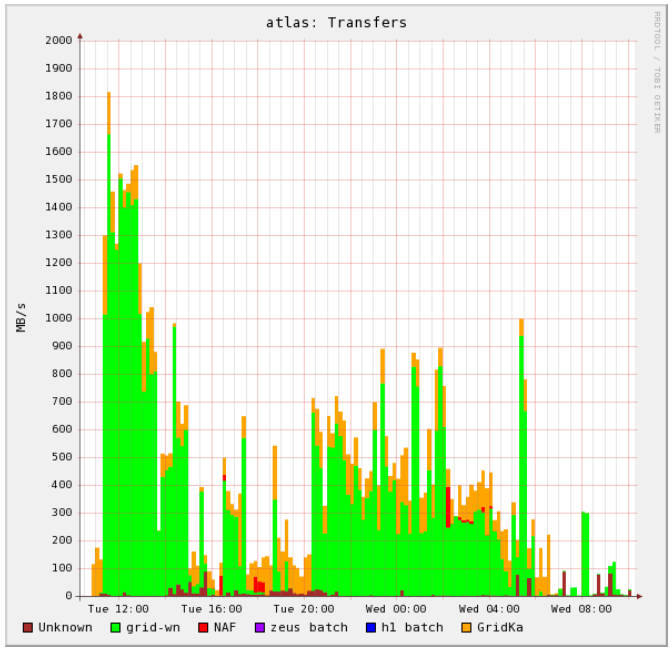
Monitoring (2)

ATLAS

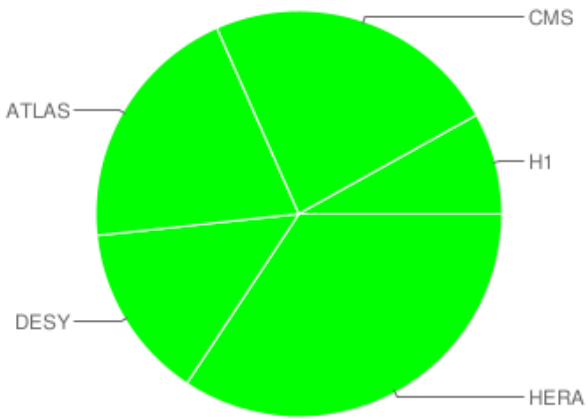
lcg-se0

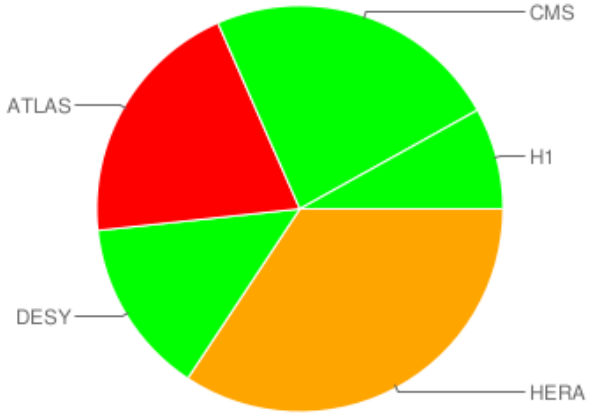


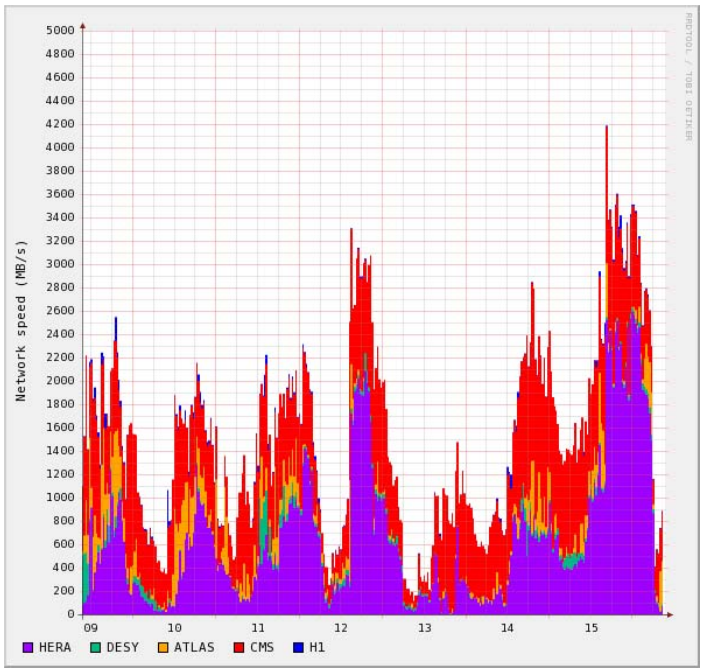
dcache-ses-atlas

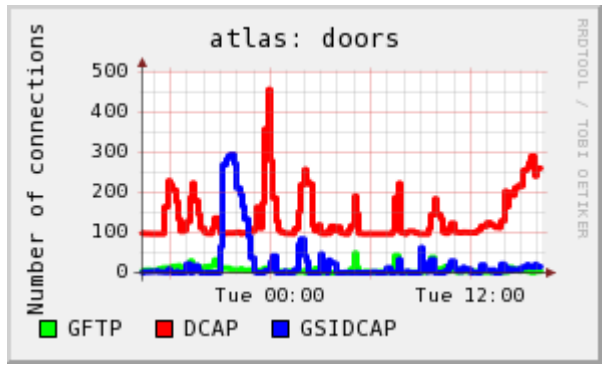


Monitoring (3)









Updates, Plans

- **Disk space according T2 pledges, NAF requests and available money**
- **globe-door update to Chimera with WebDAV and kerberos doors**
- **10GE network connections for dcache-se-atlas/cms/desy**
- **Monitoring**
- **New doors**
- **Virtualized doors**
- **NFS4.1**
- **Extend usage and services for astroparticle physics and photon science**

More info:
Http://lcg-dc0.ifh.de:2288 (Atlas SE)
http://lcg-dc1.ifh.de:2288 (LHCb SE)
http://oberon.ifh.de:2288 (globe-door)
http://dcache-ses-atlas.desy.de:2288
http://dcache-ses-cms.desy.de:2288
http://dcache-ses-desy.desy.de:2288
http://h1acsdisk.desy.de:2288
http://dcachedoor.desy.de:2288 (Hera)