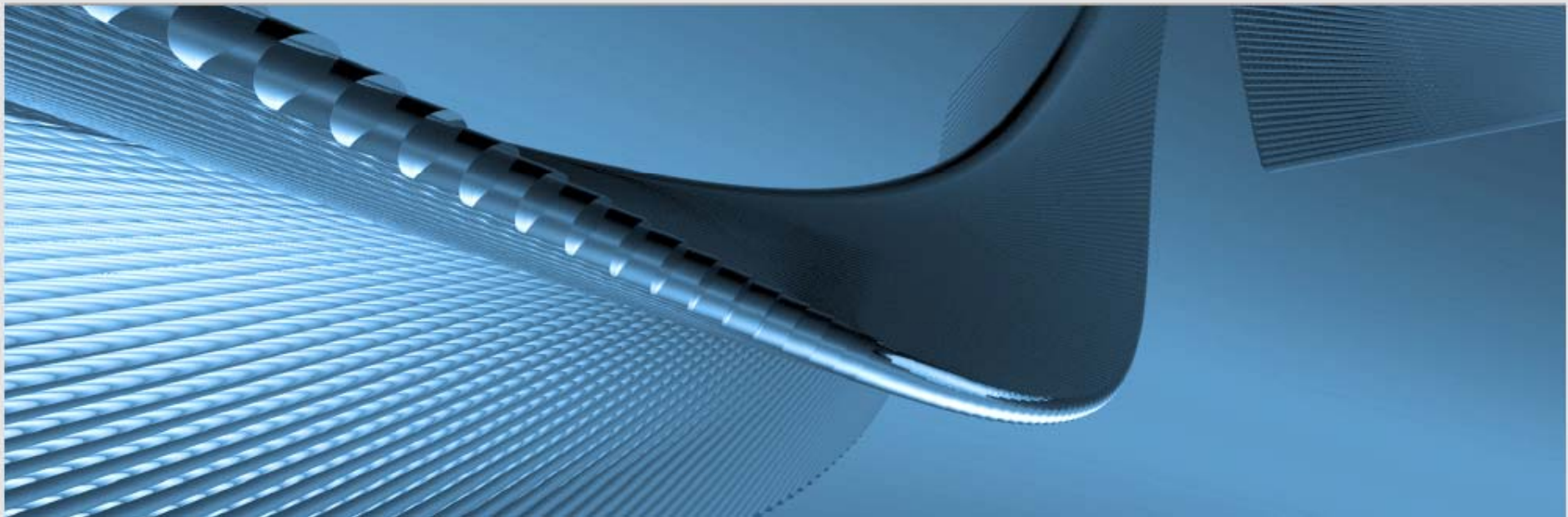


dCache T1 admins and experts

Welcome to FZK



Shouting at storage



Moral

- You never know what next interferes with your storage: monkeys, alpha waves, users?
- Without passengers most trains even in Germany would run in time.
- Without users most middleware components even dCache would run perfect
- Without admins everything will be ...

From the secretariat

- Coffee breaks
- Lunch no later than 13:00
- Closure 17:45 max (bus leaves 18:00)
- WLAN access
 - user:dCache pw:dCacheT1ws
- Notes and scripts
 - Christopher and Xavier
 - Please send them your slides and scribbles
- SCC machine room visit
 - bring ID
- Sponsors
 - SCC
 - DataDirectNetworks

Goals (to stability)

- 1) Improve cooperation between T1 dCache sites and communication with experiments
- 2) identify instabilities of the setup
 - single points of failure
 - common hardware failures
 - timeouts, VO reporting, site monitoring
 - known (site specific) bottlenecks
- 3) Identify experiment problems with the storage / dCache
 - what does not work that should work because it is needed
 - what does not work but you just have to deal with it
- 4) Identify and locate instabilities of the storage MW components
 - bugs/problems with SRM, FTS, gridFTP and used clients
- 4) Identify components that work like a swiss clock
 - start from there

We should try to work these out with the assistance of the developers and the experiments which I see in a supporting role only.

Agenda

- Morning
 - admins union
 - tech session part 1a: what we have
- Afternoon
 - techsession part 1b: big issues
- Morning
 - techsession part 2: our todo's and must haves
- Afternoon
 - declaration of goals
 - visit GridKa

Agenda

- topics missing?
- schedule changes?

Readiness

- Service challenges 2004 - 2007
- CCRC08, CCRC09, CCRC09.5
- Experts
 - Storage task force
 - part 1 storage architectures costs
 - part 2 tape systems (was never executed)
 - Storage classes working group
 - diverted into SRM adaption to classes
 - fireworks at Mumbai

Goal 1

dCache admins unite

- agenda changes/wishes/requests
- what can we deliver till 1/8/9 (7 months)
- how do we handle experiment requests
- how do we handle feature requests
- how can we improve mutual assistance
- how can we share experiences
- peering?
- how do we secure dCache future
- how complicated is dCache. Scale 1-10
- how many experts do you need to run the site

Peer review?

- How do the setups compare
 - pool sizes, # write pools vs. read pools, costs calc.
 - failover (of pools, servers, wan)
 - what happens when chaotic access (analysis)
- People involved
 - 1st line, 2nd line
- Can we re-use efforts
 - tools repository?
 - guest logins (e.g. to compare configs)

Sekretariat

- Lunch break
- People leaving before 18:00

Focus during talks and questions and answers

- What does not work or reduces stability
- What components are involved that reduce stability
- How do you intent to fix this
- What works exceptionally well