

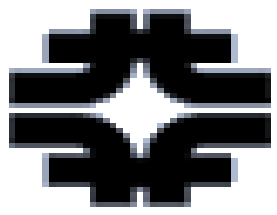


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dCache SRM 2.2 status as of June

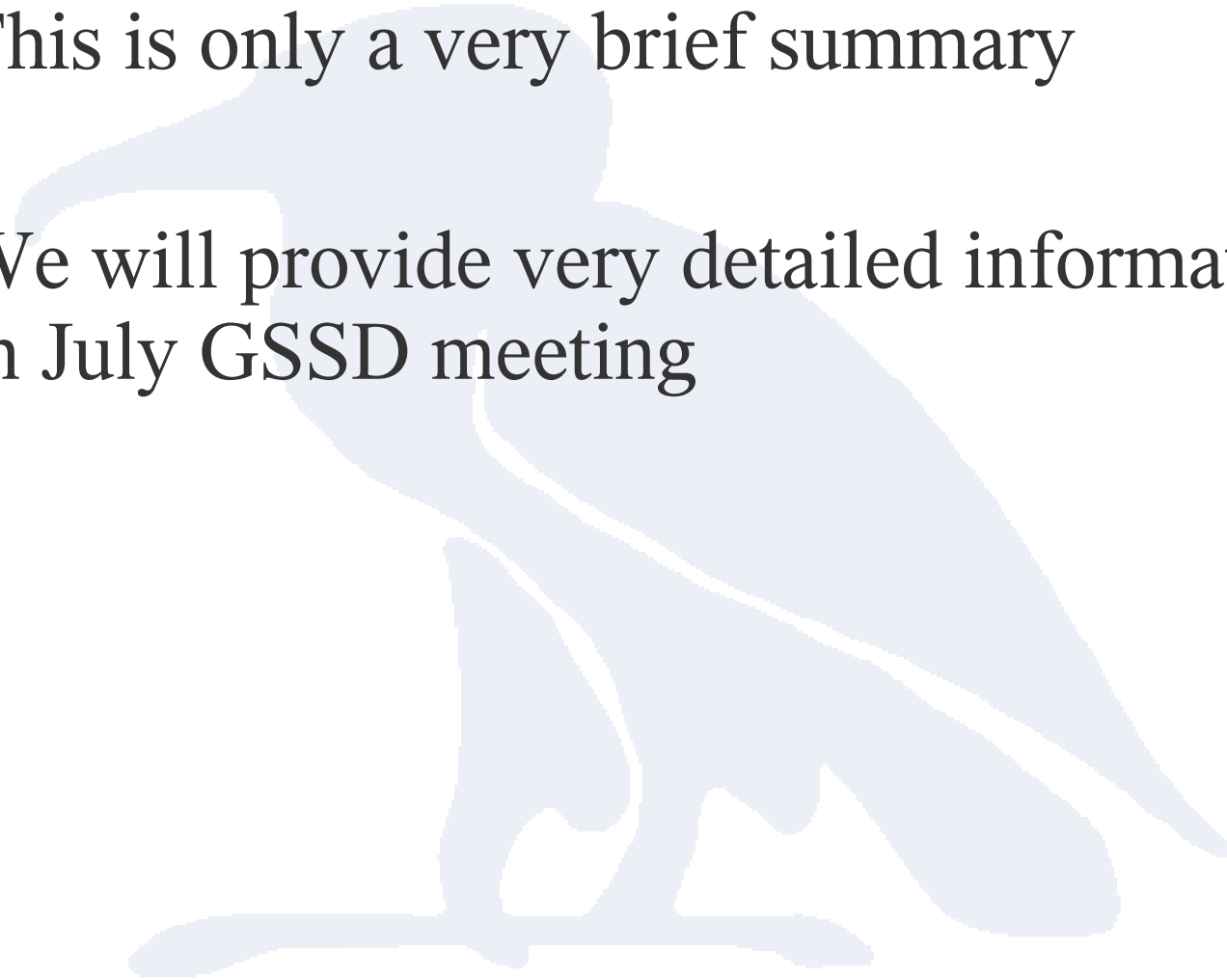
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This is only a very brief summary

We will provide very detailed information
in July GSSD meeting





Status

- dCache 1.8 beta download is available since April 07.
- Deployed at FNAL, DESY, IN2P3, BNL, FZK, some in UK.
- new release is coming soon to tackle known issues.
 - many SRM v2.2 fixes
 - new GridFTP v2 features
 - active FTP adapter
 - new pool repository code
 - gPlazma improvements



Status (SRM)

- All currently required functionality is implemented
- Issues
 - Space Manager configuration and security model is misunderstood, more documentation is coming
 - Support for Streaming usage of Custodial/Nearline space is coming in the next dCache 1.8 release
 - Some reds on the use-case tests, due to different from expected error codes, low priority



Status (misc)

- Chimera : you may run 1.7.0 or 1.8 with Chimera
- Documentation in dCache Wiki
- Acl's available September for testing
- Acl's in production end of the year (might be sooner)
- Quotas will come with chimera
- Don't know yet how to handle replicas
- xRoot protocol (as in 1.7.0) integrated as any other protocol
- nfs4.1 already in very good shape



Testing ...

- Homemade Stress tests
- CERN S2 based tests (Flavia Donno)
- LBNL SRM Tester (Alex Sim)
- Multiple test installations are in place
 - FNAL, real HSM (enstore)
 - DESY, has real HSM (osm)
 - FZK, is adding TSM this week
 - IN2P3, has been adding simulated HSM (Eurostore), will be activated soon.
 - BNL, will add simulated (Eurostore) soon.
 - NDGF currently setting up a system.



Testing ...

- Issues are being discovered and fixed
- dCache 1.8 is in Pre Production
- Production deployment will drive further improvements



Support

- Developers used to respond on user-forum, support@dcache.org, srm-tester mailing lists
- This doesn't scale and produced 'misunderstandings'
- New model (not yet confirmed by Ian)
 - CERN helps to coordinate the dCache 1.8 deployment
 - Only requests to support@dCache.org are answered.
 - High priority if submitted by Flavia
- Use : “SRM 2.2” in subject to support@dcache.org



Further reading

www.dCache.ORG

