

dCache deployment

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RAL, GridPP Storage

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Overview

- GridPP Storage goals
- dCache overview
- Major dCache installation methods
- Existing dCache installations
- dCache work planned
- Summary and further information

GridPP Storage goals

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- SRM 1 to tape and disk at Tier 1

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- SRM 1 to disk at Tier 2s

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- SRM 1 to disk at Tier 2s
- Disk pool management



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 - ★ HTTP interface
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 - ★ HTTP interface
 - ★ Monitoring Java application
- ssh admin interface

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- Works with LCG client tools

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- Everything remains consistent regardless of the door used

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# GridPP Storage yum repository

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[sl-storage]
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```
yum install d-cache-ral-admin
```

or

```
yum install d-cache-ral-pool
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- GridPP Tier 1 (Derek Ross)
  - ★ production installations
- GridPP Storage (Owen Syngé and Jiří Mencák)
  - ★ test installations
  - ★ LCG 2\_4\_0 dCache release and the previous one



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  - ★ Imperial (London)
  - ★ RAL PP
- Others have expressed interest



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- Other OS support
- . . .

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- dCache instalation and basic configuration is simple
- Deploy dCache using yaim (install, config, no admin)
- Use “d-cache-ral” scripts for basic dCache administration
- Tailor dCache installation to your site-specific needs

# Further information

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- [gridpp-storage@jiscmail.ac.uk](mailto:gridpp-storage@jiscmail.ac.uk),  
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- [gridpp-storage@jiscmail.ac.uk](mailto:gridpp-storage@jiscmail.ac.uk),  
[support-lcg-dcache@cern.ch](mailto:support-lcg-dcache@cern.ch), [lcg-support@dcache.org](mailto:lcg-support@dcache.org)
- GridPP Storage telco

Thank you 

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