



# LCG-2 Update

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# Release status

- Recall objectives:
  - SRM-based storage elements
  - Disk pool manager for disk-only SE (with SRM): dCache
  - Several bug fixes:
    - Globus 2.4.3 (VDT 1.1.13)
    - WP1 – our bug fixes, support for SRM
    - WP2 – bug fixes
    - Info providers – PBS master not on CE; allow many queues (eg CNAF)
- Current production release
  - Replica manager tools already use both SRM (if existing) or classic SE interfaces
  - RB needs new fixes to work with SRM



# Release Status

- Still problems with preparation of dCache as disk pool manager
  - Hopefully final rpms today
  - Install on EIS testbed Wednesday
- dCache issues outstanding:
  1. Authentication – needs different libs for Kerberos, GSI, <no-security> - need single lib for all 3 (then GFAL can work invisibly)
  2. Large files – (>2GB) – currently 2 different libraries – load explicitly (not so bad but naming inconsistent between installed and current release)
  3. Using rm to put files on full dCache's – connection hangs with no error
  4. Replica Manager – check for known protocols – crash on dcap
- New dCache rpms for 1 & 2; RM rpm for 4 today,
  - 3 is a longer term fix – needs changes in dCache
- Also fixed:
  - Lcg-cgr (c&r with guid) – to work with SRM
  - Rpm for dCache info provider
  - Rpm to do complete dCache installation/post installation configuration



# Topics for future meetings

- Monitoring
  - R-GMA:
    - Steve Fisher, (John Gordon?), Piera Bettini
    - Experiments proposed needs – CMS, Alice?
  - Other monitoring needs
    - MonaLisa
      - CMS, ...
- Security:
  - IP Connectivity
  - VOMS
  - Open issues
    - Sites – need someone to summarise
    - Experiments – someone to summarise