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# Storage Services Status

## 19-23 January 2009

- **19 January 2009** dCache version 1.9.2-1 is officially available
- **19 January 2009** CASTOR SRM 2.7-14 is officially available for SLC4 installations.

## 15-19 December 2008

- **19 December 2008** CASTOR core v.2.1.8-4 is officially available.
- **17 December 2008** CASTOR core v.2.1.7-24 is officially available for external sites.
- **16 December 2008** dCache versions 1.9.1-3 and 1.9.0-8 (recommended) are officially available.

## 8-12 December 2008

- **10 December 2008** dCache version 1.9.0-7 is officially available. It exposes in dCacheSetup a new SRM parameter to tune the default Max request time for BringOnline requests.

## 24-28 November 2008

- **28 November 2008** CASTOR core v.2.1.7-23-2 and v.2.1.8-3-2 (for CERN only) announced and available in the usual CASTOR release area. Please, check the baseline service CCRC08 twiki page for more details.
- **26 November 2008** dCache v1.9.1-2, dCache v1.9.0-6 and CASTOR SRM 2.7-11 were announced and released. Please check the baseline services CCRC08 twiki page for more information and installation details.

## 6-10 October 2008

- **10 October 2008** Two new hotfixes for the 2.1.7-19 series of CASTOR2 (2.1.7-19-1 and 2.1.7-19-2) are now officially available in the Savannah release area (<http://castor.web.cern.ch/castor/DIST/CERN/savannah/CASTOR.pkg/2.1.7-19/dbupgrades/>). These hotfixes fix the two problems described below:

Fixes:

- Modified the check for failing put/updates when a tape backend is requested but not provided: t
- Updates not working correctly within diskpools with internal replication enabled (i.e. maxRepli

- **8 October 2008** dCache v1.9.0-2 released. Please check the release notes for 1.9.0-1 [↗](#) and 1.9.0-2 [↗](#)

## 29 September - 3 October 2008

- **30 September 2008** CASTOR2 version 2.1.7-19 is officially available in the savannah release area (<https://savannah.cern.ch/files/?group=castor> [↗](#)). Full release notes and upgrade instructions are available at <http://castor.web.cern.ch/castor/DIST/CERN/savannah/CASTOR.pkg/2.1.7-19/ReleaseNotes> [↗](#). dCache v.1.9.0-1 is also officially available.
- **1 October 2008** The first release of the 2.7 series of the SRM2 interface to CASTOR (2.7-3) is now officially available in the savannah release area (<https://savannah.cern.ch/files/?group=castor> [↗](#)). Full

release notes and upgrade instructions are available at <http://castor.web.cern.ch/castor/DIST/CERN/savannah/SRMv22.pkg/2.7-3/ReleaseNotes>. Please note that this release requires SLC4 64bit to run, whereas previous versions run on SLC3 32 bit only. All sites are advised to plan the upgrade to this version as soon as possible.

## 15-19 September 2008

- **19 September 2008** A new hotfix for the 2.1.7-17 series of CASTOR2 (2.1.7-17-2) is now officially available in the Savannah release area (<http://castor.web.cern.ch/castor/DIST/CERN/savannah/CASTOR.pkg/2.1.7-17/dbupgrades/>). This hotfix fixes a problem in the garbage collection process where STAGED files are not removed from disk when the GC thresholds are reached (Under certain conditions only). This problem is only observed in 2.1.7-17.
- **17 September 2008** dCache 1.8.0-15p12 is out. Please, check [dCache.org](http://dCache.org) for details.

## 8-12 September 2008

- **8 September 2008** The next release of the 2.1.7 series of CASTOR2 (2.1.7-17) is now available in the savannah release area (<https://savannah.cern.ch/files/?group=castor>). Full release notes and upgrade instructions are available at <http://castor.web.cern.ch/castor/DIST/CERN/savannah/CASTOR.pkg/2.1.7-16>. This release fixes a potential memory corruption when using the bulk db interface and the migration to several tapepools when migration policies are not used. We confirm that the recent Oracle problem observed at ASGC is **not** addressed by the bug fix as it is still to be fully understood and a priori it is not related to the mentioned fix.

## 1-5 September 2008

- **1 September 2008** Version 1.8.0-15p12 of dCache will also cure the problem of the BringOnline pin lifetime. In old versions of dCache the pin lifetime on a file started as soon as the request was issued. With version 1.8.0-15p12 the pin lifetime will start only when files are brought online and are on disk. Sites affected by the pin lifetime problem (Tier-1s) are therefore encouraged to upgrade to this patch release.

ATLAS required sites to setup GROUP and USER space tokens with specific ACLs on space and associated directories. This is not possible with the current available versions of dCache. To do that, sites have to wait for version 1.8.0-16 which will provide support for ACLs on directories.

The version of DPM that supports multiple ACLs on spaces is still in the hands of the developers. The status of development can be followed [here](#).

## 25-29 August 2008

- **25 August 2008** Version 1.8.0-15p12 of dCache will be soon available. Installation scripts and improvements for sites using Chimera are available. Sites who do not use Chimera should not upgrade to this version.

## 4-8 August 2008

- **8 August 2008** dCache announces version 1.8.0-15p11 which fixes the "inflating db connections" problem of the Pin Manager

## 28 July - 01 August 2008

- **28 July 2008** dCache announces version 1.8.0-16. It will most probably be available in one month. It contains several improvements:

- a) New Information Providers in accordance with the decisions taken by the "Dynamic Megatable" working group
- b) Improved version of Pin Manager. It allows to release pins per VO.
- c) Better performing srmLs
- d) New Pool System with no overcommitted space
- e) Improved srm clients with better handling of command line options
- f) and more ....

The CCRC08 branch will still continue to be supported

- **28 July 2008** New CASTOR information providers compliant with the decisions taken by the "Dynamic Megatable" working group in validation.

## 21-25 July 2008

- **24 July 2008** New DPM Information Providers available. They follow the recommendations of the "Dynamic Megatable Working Group". They have been installed in production at GRIF-LAL.
- **23 July 2008** CASTOR Core v 2.1.7-12 released. Tier-1s are invited to upgrade to this version.

## 14-18 July 2008

- **14 July 2008** dCache 1.8.0-15p9 announced. This contains only better YAIM configuration and some utility for testing file staging to tape. Sites do not need to upgrade to this version.

## 7-11 July 2008

- **9 July 2008** dCache clients 15p8 releases. They fix the problem observed at Lyon by LHCb. On going work to make these clients distributed through the WLCG Application Area.

## 30 June-4 July 2008

- **4 July 2008** dCache 1.8.0-15 patch 8 released.
- **3 July 2008** Staging exercises with dCache

## 23-27 June 2008

- **27 June 2008:** dCache gsidcap problem at Lyon as been understood. It will be fixed in dCache 1.8.0-15p8 which will be out most probably around July 7th.
- **27 June 2008:** dCache 1.8.0-15 patch 7 is out. However it is not a recommended patch to install.
- **27 June 2008:** CASTOR core 2.1.7 provides an administrative interface to set black/white lists on operations and spaces. Tier1 sites will have it when they upgrade
- **24 June 2008:** CASTOR SRM 1.3-27 is certified and released for installation at sites. SRM 1.3-27 is installed and running at RAL.
- **23 June 2008:** The list of recommended and supported versions has been defined. It can be found [here](#). More details can be found in the minutes of the WLCG operations meeting.

-- Flavia Donno - 2 October 2008

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