

From F.Donno (extracts of emails)

Busy Storage Services

I got a reply on the busy storage services business only from CMS.

SRM V2.2

About the action on sites to verify if it is OK to switch to SRM v2.2 as default for FTS channels and WLCG GFAL/lcg-utils, the situation is as follows:

1. At the EGEE operations meeting (yesterday) sites were instructed on how to setup FTS channels to use SRM v2.2 as default (there is a channel parameter to set). They can set this parameter already if they do not serve VOs that force them to use SRM v1 as default. Next version of FTS (v2.2) will come with the default set to SRM v2.2 and sites that want to use SRM v1 as default have to explicitly configure it.
2. For GFAL/lcg-utils a code change is needed. This will come with the next certified release (I believe it is v1.7). Therefore, sites cannot do anything till next release goes to production.

dCache offering an async. srmLs request

It looks like dCache is changing its srmLs request from synchronous to asynchronous to allow for more stable services (if loaded PNFS and probably also Chimera can make the entire system hang!). Of course, this has a big impact on WLCG clients + the news arrived from the dCache team totally unexpected. We are trying to find ways to make the transition from sync srmLs requests to async ones smooth as much as possible or avoid it all together. We are still discussing with dCache experts to find technically valid solutions. Let's see how this ends up. I am sure that in Prague there will be some discussions about this.

----- Original Message -----

Subject: srmLs asynchronous in dCache
Date: Thu, 12 Mar 2009 15:08:00 +0100
From: Flavia Donno <Flavia.Donno@cern.ch>

dCache will be offering an asynchronous srmLs request starting with dCache 1.9.3. Up to now srmLs was a synchronous call.

I am checking with the GFAL/lcg-utils and FTS developers to see when the support for asynchronous srmLs can be made available in those clients. However, if you have clients that issue SRM v2.2 srmLs requests directly without going through the usual WLCG SRM v2.2 clients, then you are affected by the change in dCache.

DESY will make available a PPS SRM v2.2 endpoint with an early deployment of dCache 1.9.3 for you to test your clients against it, in case you need.

Please, let me, Patrick, Andrea and Elisa know ASAP if you can be affected by this change in dCache, so that we can help and support you for the change.