Subject: [LCG MB] [Fwd: SRMv2 & MB]
From: Alberto Aimar <alberto.aimar@cern.ch>
Date: Tue, 18 Nov 2008 09:42:32 +0100
To: "worldwide-lcg-management-board (LCG Management Board)" <worldwide-lcg-management-board@cern.ch>

FYI. From the SAM team.
This is related to the last items in today's MB Meeting's agenda about adding SRM V2 tests to the monthly SAM reliability reports (that not test only SRM V1 features at the sites.
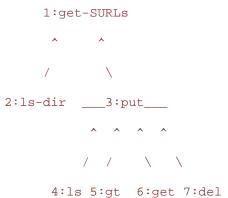
Regards.
Alberto Aimar

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-------- Original Message --------
 Subject: SRMv2 & MB
    Date: Mon, 17 Nov 2008 18:34:32 +0100
    From: John Shade <john.shade@cern.ch>
      To: Alberto Aimar <Alberto.Aimar@cern.ch>
      CC: Konstantin Skaburskas <Konstantin.Skaburskas@cern.ch>
```

Hi Alberto,

SRMv2 tests were presented by Konstantin to MB on Tuesday 9 September 2008

(see your minutes at https://twiki.cern.ch/twiki/pub/LCG/MbMeetingsMinutes/LCG_Management_Board_2008_09_09.htm). Test results are visible in both SAM and GridView.

In the meantime, COD alarms have been turned on, and both CMS and Atlas have been clammering to have the tests included in availability calculations.

To compare availability figures with and without SRMv2, the following page can be used (displays previous day's figures):

http://dashb-ops-sam/dashboard/request.py/metricvalues

The MB needs to give approval to have the SRMv2 tests added to the availability calculations:

        o either by simply adding another AND to the big four (CE, SE, SRM, sBDII)

        o or declaring that both SE and SRMv1 are deprecated and no longer supported

        o or keeping the generic class SE (Storage Element - not the Classic SE that it currently stands for) and putting the SRMv2 tests under that. Might be easier from SLA/MoU wording point of view

In terms of deciding which tests should remain critical (at the moment, they all are), the following dependencies might help:

```
Dependency tree for the tests in SRMv2 sensor:

        1:get-SURLs

      ^        ^

     /          \

  2:ls-dir  ___3:put___

           ^  ^  ^  ^

          /  /    \   \

      4:ls 5:gt  6:get 7:del
```

ls-dir can be thought of as a ping operation. In rare cases, an SRM is still useable even if that particular test fails, but the test provides useful debugging information. The SAM team recommends that all 7 tests remain critical.

Regards,

-John

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Disclaimer: Any errors in spelling, tact, or fact are transmission errors