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Progress Logs for Service Challenge 3

This is the results of smoke tests we do on all sites - this consists of sending 1 small file across. Once this succeeds, we open the channel.

Tape Phase

Thursday 21 July 10:30

ASCC

Test Transfer succeeded

BNL

Failed.

```
2005-07-21 08:31:51,271 [ERROR] - Failed SRM put call. Error is  
RequestFileStatus#-2147146727 failed with error:[ Thread queue is full]
```

FNAL

Failed.

```
2005-07-21 08:35:30,919 [DEBUG] - Performing Call to method finishRequest  
2005-07-21 08:35:30,929 [DEBUG] - TURL is (null)
```

GRIDKA

Test Transfer succeeded

IN2P3

(tape) Test Transfer succeeded

INFN

(tape) Test Transfer succeeded

NDGF

Test Transfer succeeded

PIC

Test Transfer succeeded

RAL

(tape) Test Transfer succeeded

SARA

(tape) Test Transfer succeeded

TRIUMF

Test Transfer succeeded

Throughput Phase

Tuesday 12 July 9:35

ASCC

Test Transfer succeeded

BNL

Test Transfer Succeeded

FNAL

Not working - error on sending test file

```
2005-07-12 09:26:09,223 [ERROR] - FINAL:SRM_DEST: Failed on SRM put: NULL TURL returned on put
FINAL:SRM_DEST: Failed on SRM put: NULL TURL returned on put
```

GRIDKA

Problem on transfer:

```
FINAL:TRANSPORT:Transfer failed. the server sent an error response: 425 425 Cannot open port: jav
```

IN2P3

Stuck in getRequestStatus on put

INFN

Test Transfer succeeded

NDGF

Test Transfer succeeded

PIC

Test Transfer succeeded

RAL

Test Transfer succeeded

SARA

Test Transfer succeeded

TRIUMF

Test Transfer succeeded

Tuesday 12 July 10:45

ASCC

Disk full - in progress cleaning

BNL

Test Transfer Succeeded - But all bulk file transfers fail - shut down channel again

FNAL

Not working - error on sending test file

```
2005-07-12 09:26:09,223 [ERROR] - FINAL:SRM_DEST: Failed on SRM put: NULL TURL returned on put
FINAL:SRM_DEST: Failed on SRM put: NULL TURL returned on put
```

GRIDKA

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Not working - error on sending test file

```
2005-07-12 09:09:09,697 [DEBUG] - Performing Call to method srm__put
2005-07-12 09:09:10,819 [ERROR] - Failed to put File srm://f01-015-103-e.gridka.de:8443/srm/manag
2005-07-12 09:09:10,819 [ERROR] - Failed to put File. Error in srm__put: SOAP-ENV:Server - java.i
```

IN2P3

Not working - error on sending test file

```
2005-07-12 09:11:36,152 [DEBUG] - Performing Call to method srm__put
2005-07-12 09:11:36,222 [ERROR] - Failed to put File srm://ccdcache.in2p3.fr:8443/srm/managerv1?S
2005-07-12 09:11:36,223 [ERROR] - Failed to put File. Error in srm__put: SOAP-ENV:Client - CGI-g
```

INFN

Test Transfer succeeded

NDGF

Test Transfer succeeded

PIC

Test Transfer succeeded

RAL

Test Transfer succeeded

SARA

Test Transfer succeeded

TRIUMF

Test Transfer succeeded

Tuning Phase

Sat 09 July 19:30 CET - FTS results

ASCC

gridftp working - ~30MB/s

BNL

Works. seem approx 30MB/s

FNAL

get back NULL TURL

GRIDKA

Problem with 2/3 of pool nodes not having the PNFS namespace, so 60% of transfers fail

IN2P3

Down - never coming out of preparetoput cycle

INFN

Down - connection refused

NDGF

Working - some problems with the SRM, and one pool node, but transfers going through

Tuesday 12 July 10:45

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PIC

Works ok - hard to get good numbers due to phedex load, but good individual file rates (~10MB/s) seen

RAL

Works well - see ~ 100MB/s

SARA

Seems broken again on the gridftp write - SRM negotiation works fine

TRIUMF

Works - Seen up to 50 MB/s

Tue 05 July 17:00 CET - FTS results

ASCC

Still a problem with the SRM

BNL

Works. seem approx 50MB/s

FNAL

get back NULL TURL

GRIDKA

Was working, but now very slow -transfers timing out after 1 hour. Can't make subdirectories via SRM

IN2P3

Works seen approx 80MB/s - low rate of errors

INFN

SRM Down - No Air-con working

NDGF

No contact details yet

PIC

Works. Seen approx 40MB/s

RAL

Tested with one file - requested to wait until network tuning is over

SARA

Works. Seen max 200MB/s but now dCache seems broken

TRIUMF

Work. Seen approx 20 MB/s

Sunday 03 July

ASCC

Does not return TURL

Sat 09 July 19:30 CET - FTS results

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```
2005-07-03 17:29:14,162 [INFO ] - STATUS:BEGIN:SRM_PUT
2005-07-03 17:29:14,162 [DEBUG] - Now calling requestTurlFromSurl ; srm://lcg00115.grid.sinica.edu.tw
2005-07-03 17:29:14,162 [DEBUG] - Performing Call to method requestTurlFromSurl
2005-07-03 17:29:14,162 [DEBUG] - Performing Call to method srm__put
2005-07-03 17:29:15,836 [INFO ] - SRM put request ID: 372034003
2005-07-03 17:29:15,836 [DEBUG] - Call completed to srm__put
2005-07-03 17:29:15,836 [DEBUG] - Call completed to prepareRequest
2005-07-03 17:29:15,836 [DEBUG] - got file status state Pending
2005-07-03 17:29:15,836 [DEBUG] - Call completed to requestTurlFromSurl
2005-07-03 17:29:15,836 [DEBUG] - Performing Call to method updateTurlFromSurlRequest
2005-07-03 17:29:15,836 [DEBUG] - Performing Call to method srm__getRequestStatus
2005-07-03 17:29:17,502 [DEBUG] - Call completed to srm__getRequestStatus
2005-07-03 17:29:17,502 [DEBUG] - Returned state is Pending
2005-07-03 17:29:17,502 [DEBUG] - Call completed to updateTurlFromSurlRequest - not finished yet
```

BNL

Works. Lots of timeouts on transfer (due to slow/long link ?)

FNAL

get back NULL TURL

GRIDKA

Works, but lots of error - security config on some pool nodes wrong ?

IN2P3

Works well - ~80MB/s - low rate of errors ~2%

INFN

SRM Down

NDGF

No contact details yet

PIC

SRM Down

```
2005-07-03 17:30:28,455 [INFO ] - STATUS:BEGIN:SRM_PUT
2005-07-03 17:30:28,455 [DEBUG] - Now calling requestTurlFromSurl ; srm://castor
srmesc.pic.es:8443/srm/managerv1?SFN=/castor/pic.es/sc3/scratch/file-000-f5253fle
-6d1d-480a-baee-5ce6c39bb56b.dat
2005-07-03 17:30:28,455 [DEBUG] - Performing Call to method requestTurlFromSurl
2005-07-03 17:30:28,455 [DEBUG] - Performing Call to method srm__put
2005-07-03 17:30:28,809 [ERROR] - Failed to put File srm://castorsrmesc.pic.es:84
43/srm/managerv1?SFN=/castor/pic.es/sc3/scratch/file-000-f5253fle-6d1d-480a-baee
-5ce6c39bb56b.dat
2005-07-03 17:30:28,809 [ERROR] - Failed to put File. Error in srm__put: SOAP-EN
V:Server - CGSI-gSOAP
2005-07-03 17:30:28,809 [INFO ] - STATUS:END fail:SRM_PUT
```

RAL

No Contact details yet

SARA

Works on small files. Timeouts on large files

TRIUMF

Works on small files. Timeouts on large files.

-- JamesCasey - 17 Jun 2005

This topic: LCG > ServiceChallengeThreeProgress

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