LCG Service Report – October 16 2006 (Week 42)

This report lists significant problems or issues that are outstanding, or have been recently resolved, seen by the main LHC VOs at the WLCG Tier0 and Tier1 sites supporting that VO. It also shows Tier0-Tier1 file transfer statistics for the previous week.

It is compiled weekly through the LCG Experiment Coordination Meeting for presentation at the joint WLCG-OSG-EGEE operations meeting. It is complementary to the site and VO reports and does not duplicate information recorded in these. The site reports should cover operational issues, such as interventions carried out during the reference period, as well as those scheduled for the future, preferably with a list of issues addressed by the corresponding intervention. The VO reports should cover achievements and short-term plans, as well as operational issues seen over the reference period.
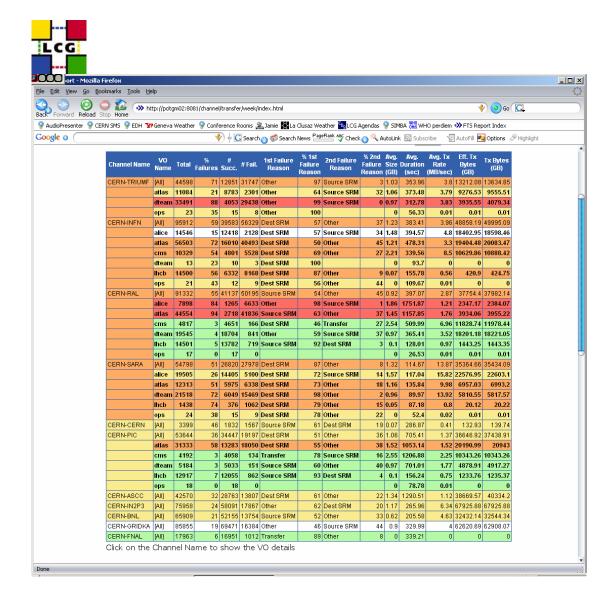
File Transfer Report

CERN-TRIUMF channel has high failure rates (88%) for dteam.

CERN-RAL has high failure rates (>80%) for both ALICE and ATLAS, but low failure rates (<10%) for other VOs.

CERN-SARA best for ALICE (still 26%)

CERN-PIC worst for ATLAS (58%).

To be discussed in more detail at the FTS Administrators' workshop at SARA on October 18.

Click on the Channel Name to show the VO details

Channel Name	VO Name	Total	% Failures	# Succ.	# Fail.	1st Failure Reason	% 1st Failure Reason	2nd Failure Reason	% 2nd Failure Reason	Avg. Size (GB)	Avg. Duration (sec)	Avg. Tx Rate (MB/sec)	Eff. Tx Bytes (GB)	Tx Bytes (GB)
CERN-TRIUMF	[All]	44598	71	12851	31747	Other	97	Source SRM	3	1.03	353.96	3.8	13212.08	13634.86
	atlas	11084	21	8783	2301	Other	64	Source SRM	32	1.06	373.48	3.79	9276.53	9555.51
	dteam	33491	88	4053	29438	Other	99	Source SRM	0	0.97	312.78	3.83	3935.55	4079.34
	ops	23	35	15	8	Other	100			0	56.33	0.01	0.01	0.01
CERN-INFN	[All]	95912	59	39583	56329	Dest SRM	57	Other	37	1.23	383.41	3.96	48858.19	49995.09
	alice	14546	15	12418	2128	Dest SRM	57	Source SRM	34	1.48	394.57	4.8	18402.95	18598.46
	atlas	56503	72	16010	40493	Dest SRM	50	Other	45	1.21	478.31	3.3	19404.48	20083.47
	cms	10329	54	4801	5528	Dest SRM	69	Other	27	2.21	339.56	8.5	10629.86	10888.42
	dteam	13	23	10	3	Dest SRM	100			0	93.7	0	0	0
	lhcb	14500	56	6332	8168	Dest SRM	87	Other	9	0.07	155.78	0.56	420.9	424.75
	ops	21	43	12	9	Dest SRM	56	Other	44	0	109.67	0.01	0	0
CERN-RAL	[All]	91332	55	41137	50195	Source SRM	54	Other	45	0.92	397.07	2.87	37754.4	37982.14
	alice	7898	84	1265	6633	Other	98	Source SRM	1	1.86	1751.87	1.21	2347.17	2384.07
	atlas	44554	94	2718	41836	Source SRM	63	Other	37	1.45	1157.85	1.76	3934.06	3955.22
	cms	4817	3	4651	166	Dest SRM	46	Transfer	27	2.54	509.99	6.96	11828.74	11978.44
	dteam	19545	4	18704	841	Other	59	Source SRM	37	0.97	365.41	3.52	18201.18	18221.05
	lhcb	14501	5	13782	719	Source SRM	92	Dest SRM	3	0.1	128.01	0.97	1443.25	1443.35
	ops	17	0	17	0					0	26.53	0.01	0.01	0.01
CERN-SARA	[All]	54798	51	26820	27978	Dest SRM	87	Other	8	1.32	114.67	13.87	35364.66	35434.09
	alice	19505	26	14405	5100	Dest SRM	72	Source SRM	14	1.57	117.04	15.82	22576.95	22603.1
	atlas	12313	51	5975	6338	Dest SRM	73	Other	18	1.16	135.84	9.98	6957.03	6993.2
	dteam	21518	72	6049	15469	Dest SRM	98	Other	2	0.96	89.97	13.92	5810.55	5817.52
	lhcb	1438	74	376	1062	Dest SRM	79	Other	15	0.05	87.18	0.8	20.12	20.22
	ops	24	38	15	9	Dest SRM	78	Other	22	0	52.4	0.02	0.01	0.01
CERN-CERN	[All]	3399	46	1832	1567	Source SRM	61	Dest SRM	19	0.07	286.87	0.41	132.93	139.74
CERN-PIC	[All]	53644	36	34447	19197	Dest SRM	51	Other	36	1.06	705.41	1.37	36646.92	37438.91
	atlas	31333	58	13283	18050	Dest SRM	55	Other	38	1.52	1053.14	1.52	20190.99	20943
	cms	4192	3	4058	134	Transfer	78	Source SRM	16	2.55	1206.88	2.25	10343.26	10343.26
	dteam	5184	3	5033	151	Source SRM	60	Other	40	0.97	701.01	1.77	4878.91	4917.27
	lhcb	12917	7	12055	862	Source SRM	93	Dest SRM	4	0.1	156.24	0.75	1233.76	1235.37
	ops	18	0	18	0					0	78.78	0.01	0	0
CERN-ASCC	[All]	42570	32	28763	13807	Dest SRM	61	Other	22	1.34	1290.51	1.12	38669.57	40334.2
CERN-IN2P3	[All]	75958	24	58091	17867	Other	62	Dest SRM	20	1.17	265.96	6.34	67925.88	67925.88
CERN-BNL	[All]	65909	21	52155	13754	Source SRM	52	Other	33	0.62	205.58	4.63	32432.14	32544.34
CERN-GRIDKA	[All]	85855	19	69471	16384	Other	46	Source SRM	44	0.9	329.99	4	62620.69	62908.07
CERN-FNAL	[All]	17963	6	16951	1012	Transfer	89	Other	8	0	339.21	0	0	0

Site Action List

CERN	ALICE	
	ATLAS	
	CMS	
	LHCb	
BNL	ATLAS	
ASGC	ATLAS	
	CMS	
CNAF	ALICE	
	ATLAS	
	CMS	
	LHCb	
LYON	ALICE	

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	ATLAS	
	CMS	
	LHCb	
FZK	ALICE	
	ATLAS	
	CMS	
	LHCb	
PIC	ATLAS	
	CMS	
	LHCb	
RAL	ALICE	
	ATLAS	
	CMS	
	LHCb	
SARA	ALICE	
	ATLAS	Follow-up on LFC service instability. Related to bug in old Oracle version. Proposed to upgrade to LFC 1.5.10. Also, the special grid mapfile used by LFC/DPM was not generated for this server. So requests coming with a VOMS proxy were ok, while requests coming with a grid proxy were rejected with this error message. SARA will fix their grid mapfile. SARA: LFC 1.5.10 has just been through certification and has not been released yet. As soon as it is released we will install it. In the meantime a watchdog script monitors the LFC and restarts it when necessary. There has been a LFC grid-mapfile issue related to ATLAS several weeks ago. This was related to a user that was in voms.cern.ch but not in lcg-voms.cern.ch. This has been fixed several weeks ago. Last week there was an issue that has also been fixed but that involved only dteam.
	LHCb	NIKHEF/SARA dCache/network issue still to be resolved in production. 9 Oct. Roberto spoke to Ron at EGEE '06 and this should be resolved 2-3 weeks from that time. SARA: This problem should be fixed in dCache 1.7.0 which we will install soon.

TRIUMF	ATLAS	
NDGF	ALICE	Site not available for production.
	ATLAS	Ditto
	CMS	Ditto
US ALICE	ALICE	