

Tier1 Report 26/04/2023

Activity from last week:

- Echo rebooted succesfully.
- Investigations into LHCONE/JANET link maxxing since joining LHCONE

Current/Upcoming Activities/Issues from Services:

- Batch
- Disk
- Tape
- Grid Services

Open GGUS tickets <https://tinyurl.com/38u6yms8>

13 of 13 Tickets

Ticket-ID	Type	VO	Site	Priority	Resp. Unit	Status	Last Update	Subject	Scope
160737		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-04-17	[Dashboard] Issues detected at RAL-LCG2	EGI
160736		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-04-17	[Dashboard] Issues detected at RAL-LCG2	EGI
160398		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-04-17	[Dashboard] Issues detected at RAL-LCG2	EGI
159848		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-04-17	[Dashboard] Issues detected at RAL-LCG2	EGI
156742		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-04-25	NGI_UK - March 2022 - RP/RC OLA ...	EGI
161609	Team	lhcb	RAL-LCG2	very urgent	NGI_UK ▶ involved	on hold	2023-04-24	FTS transfers from RAL to IHEP are ...	WLCG
160671	Team	lhcb	RAL-LCG2	very urgent	NGI_UK	in progress	2023-04-24	Jobs Failed to transfer output to RAL	WLCG
160597	Team	lhcb	RAL-LCG2	less urgent	NGI_UK	on hold	2023-04-24	Secgsi warning because of ...	WLCG
159137	Team	lhcb	RAL-LCG2	very urgent	NGI_UK	on hold	2023-03-22	Slow stat calls at RAL	WLCG
142350	Team	lhcb	RAL-LCG2	top priority	NGI_UK ▶ assigned ▶ involved	in progress	2023-04-24	Problem accessing some LHCb files at RAL	WLCG
158746		dteam	RAL-LCG2	less urgent	NGI_UK ▶ involved	in progress	2023-04-17	perfonar hosts at RAL	EGI
161603		cms	RAL-LCG2	urgent	NGI_UK ▶ involved	in progress	2023-04-25	RAL Deletion Campaign 2023-1	WLCG
161400	Team	alice	RAL-LCG2	urgent	NGI_UK	in progress	2023-04-25	8-core jobs for ALICE	WLCG

Closed GGUS tickets:

<https://tinyurl.com/mr2x85w8>

5 of 5 Tickets

Ticket-ID	Type	VO	Site	Priority	Resp. Unit	Status	Last Update	Subject	Scope
161621		cms	RAL-LCG2	urgent	NGI_UK ▶ involved	solved	2023-04-21	SAM tests failing at T1_UK_RAL	WLCG
161475	ALARM	none	RAL-LCG2	top priority	NGI_UK	closed	2023-04-19	This TEST ALARM has been raised for ...	EGI
161354		na62.vo.gridpp.ac.uk	RAL-LCG2	less urgent	NGI_UK	verified	2023-04-25	RAL work nodes missing libnuma.so.1	EGI
160682		cms	RAL-LCG2	urgent	NGI_UK	closed	2023-04-19	SAM tests failing at T1_UK_RAL	WLCG
153496		cms	RAL-LCG2	urgent	NGI_UK ▶ assigned	closed	2023-04-21	Question on the redirector ...	WLCG

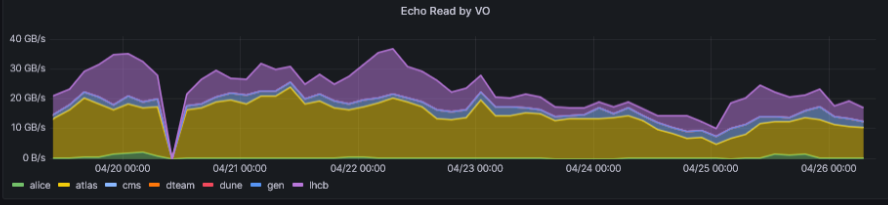
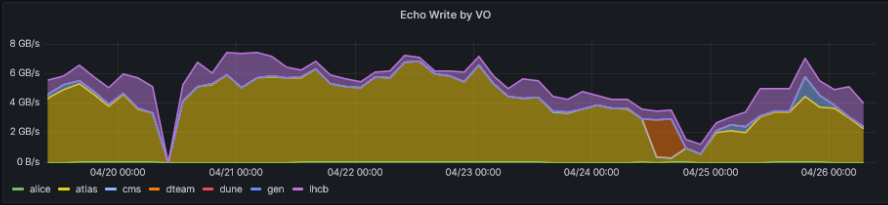
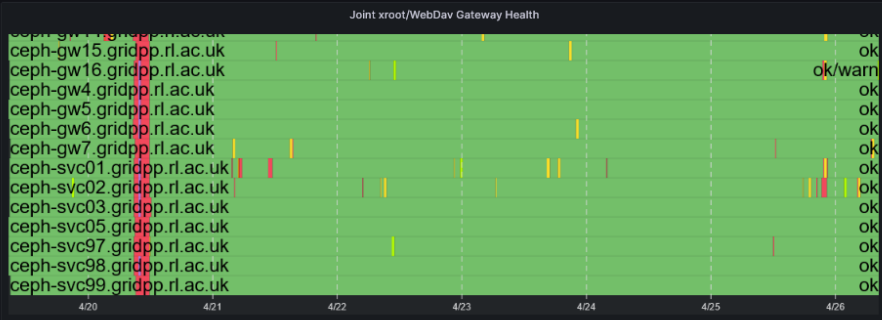
New Summary Dashboard in progress. Antares plots still needed.

<https://vande.gridpp.rl.ac.uk/next/d/egv8WB4Vz/tier1-vo-service-summary?orgId=1&refresh=1m>

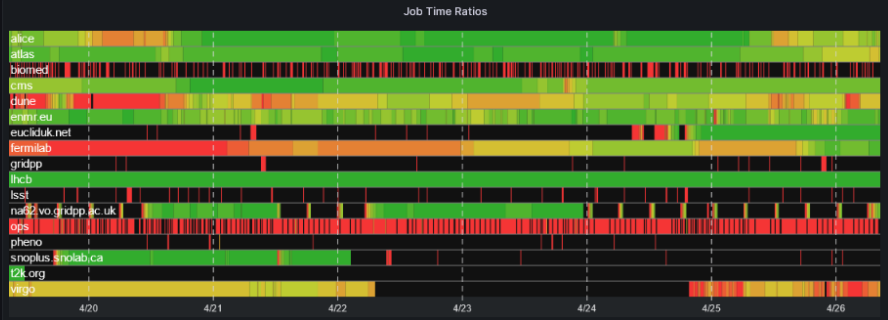
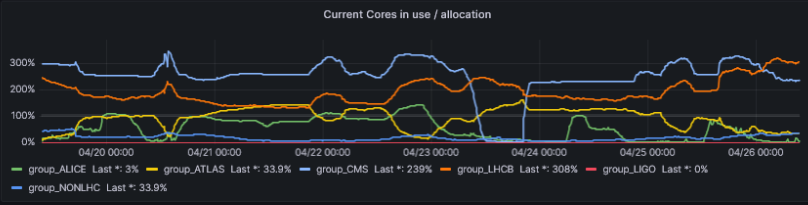
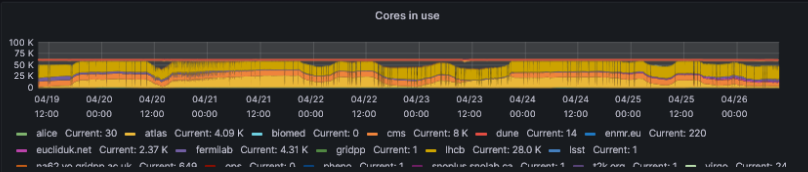
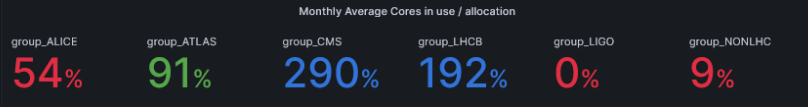
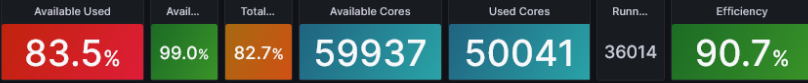
count 2290662

Antares (3 panels)

Echo



Batch Services



https://librenms.gridpp.rl.ac.uk/graphs/to=1681287300/id=22010%2C10675/type=multiport_bits_separate/from=1678608900/



https://librenms.gridpp.rl.ac.uk/graphs/to=1681287300/id=7584%2C7632/type=multiport_bits_separate/from=1678608900/



Bits/sec		Current	Average	Maximum
■ swt-s4810p-7.pscs.internal	In	4.12Gbps	5.92Gbps	13.97Gbps
■ fortygige 0/52	Out	15.58Gbps	7.75Gbps	24.46Gbps
■ swt-s4810p-7.pscs.internal	In	3.16Gbps	5.91Gbps	14.38Gbps
■ fortygige 1/52	Out	15.78Gbps	7.86Gbps	23.11Gbps

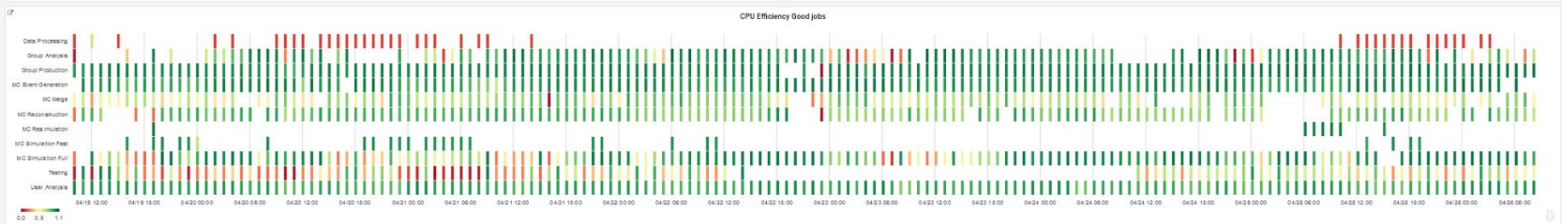
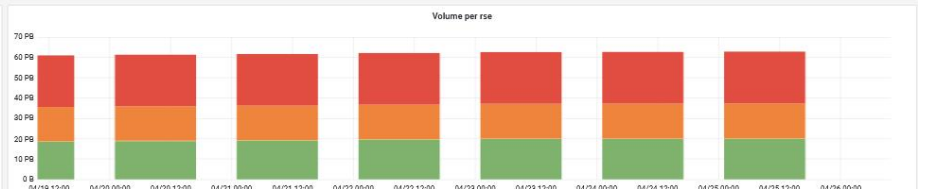
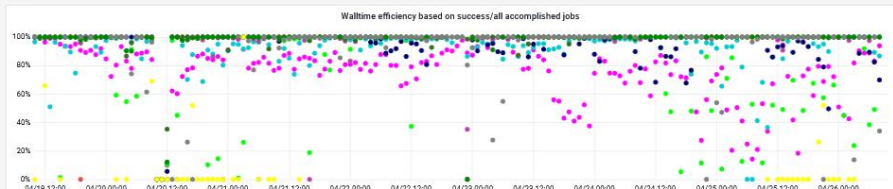
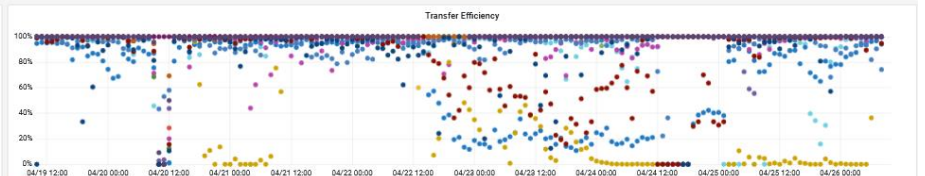
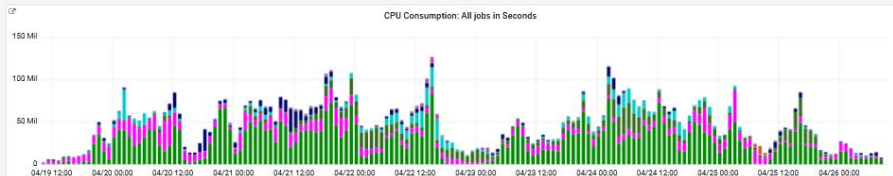
CMS: https://cmsst.web.cern.ch/sitereadiness/report.html#T1_UK_RAL

T1_UK_RAL																	
GGUS Tickets:																	
Downtimes:																	
SAM Status:	100%	100%	96%	99%	100%	89%	100%	100%	93%	98%	75%	99%	100%	100%	100%	100%	
Hammer Cloud:	99%	99%	98%	98%	99%	100%	100%	100%	100%	100%	99%	100%		100%		100%	
FTS Status:	0%	100%	100%	0%	0%	100%	0%	0%	0%	0%	0%	0%	16%	100%	100%	0%	
Site Readiness:	96%	96%	87%	92%	94%	86%	89%	96%	77%	88%	39%	58%	26%	0%	0%	63%	
Life Status:																	
Prod Status:																	
CRAB Status:																	
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
	Apr																

https://cmsst.web.cern.ch/siteStatus/detail.html?site=T1_UK_RAL

Site Dashboard: https://monit-grafana.cern.ch/d/D26vElGGz/site-oriented-dashboard?orgId=17&var-bin=1h&var-groupby_jobs=adactivity&var-groupby_ddm=activity&var-cloud=All&var-country=All&var-federation=All&var-site=RAL-LCG2&var-computingsite=All&var-jobtype=All&var-es_division_factor=1&var-measurement=ddm_transfer_1h

[Sliding](#) | [1h](#) | [Group by jobs](#) | [adactivity](#) | [Group by DDM](#) | [activity](#) | [Cloud](#) | [All](#) | [Country](#) | [All](#) | [Federation](#) | [All](#) | [Site](#) | [RAL-LOG2](#) | [Panda Queue](#) | [All](#) | [Job type](#) | [All](#)



LHCB: https://monit-grafana.cern.ch/d/000000619/wlwg-sitemon-historical-profiles?orgId=20&from=now-30d&to=now&var-vo=lhcb&var-profile=LHCB_CRITICAL&var-dst_tier=1&var-dst_country=UK&var-dst_federation=All&var-dst_experiment_site=LCG.RAL.uk&var-service_flavour=ARC-CE&var-dst_hostname=All&var-recomputation=status

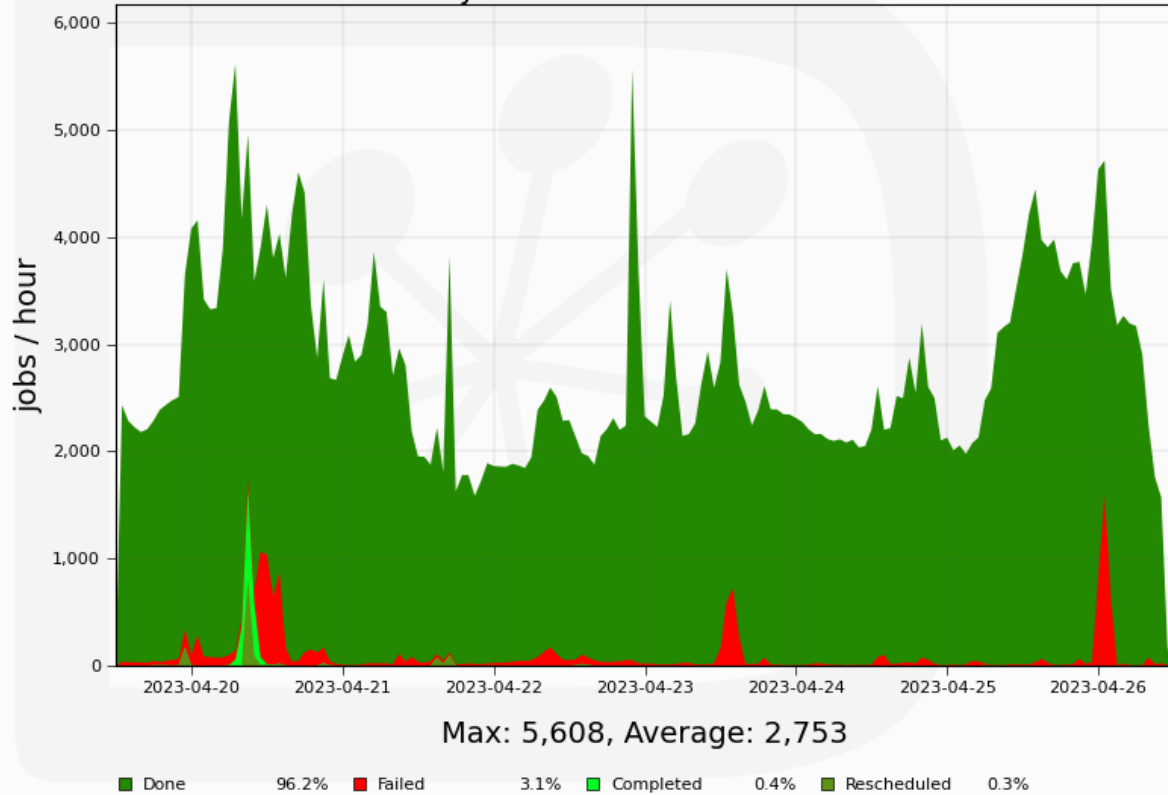
Endpoint Status

[LCG.RAL.uk] [ARC-CE] [arc-oe-test02.gridpp.rl.ac.uk] lhcb:	UNKNOWN	OK	OK
[LCG.RAL.uk] [ARC-CE] [arc-oe01.gridpp.rl.ac.uk] lhcb:	UNKNOWN	OK	
[LCG.RAL.uk] [ARC-CE] [arc-oe02.gridpp.rl.ac.uk] lhcb:		OK	UNKNOWN OK
[LCG.RAL.uk] [ARC-CE] [arc-oe03.gridpp.rl.ac.uk] lhcb:	OK	OK	UNKNOWN OK
[LCG.RAL.uk] [ARC-CE] [arc-oe04.gridpp.rl.ac.uk] lhcb:			UNKNOWN OK
[LCG.RAL.uk] [ARC-CE] [arc-oe05.gridpp.rl.ac.uk] lhcb:			UNKNOWN OK

Jobs:

Jobs by FinalMajorStatus

7 Days from 2023-04-19 to 2023-04-26

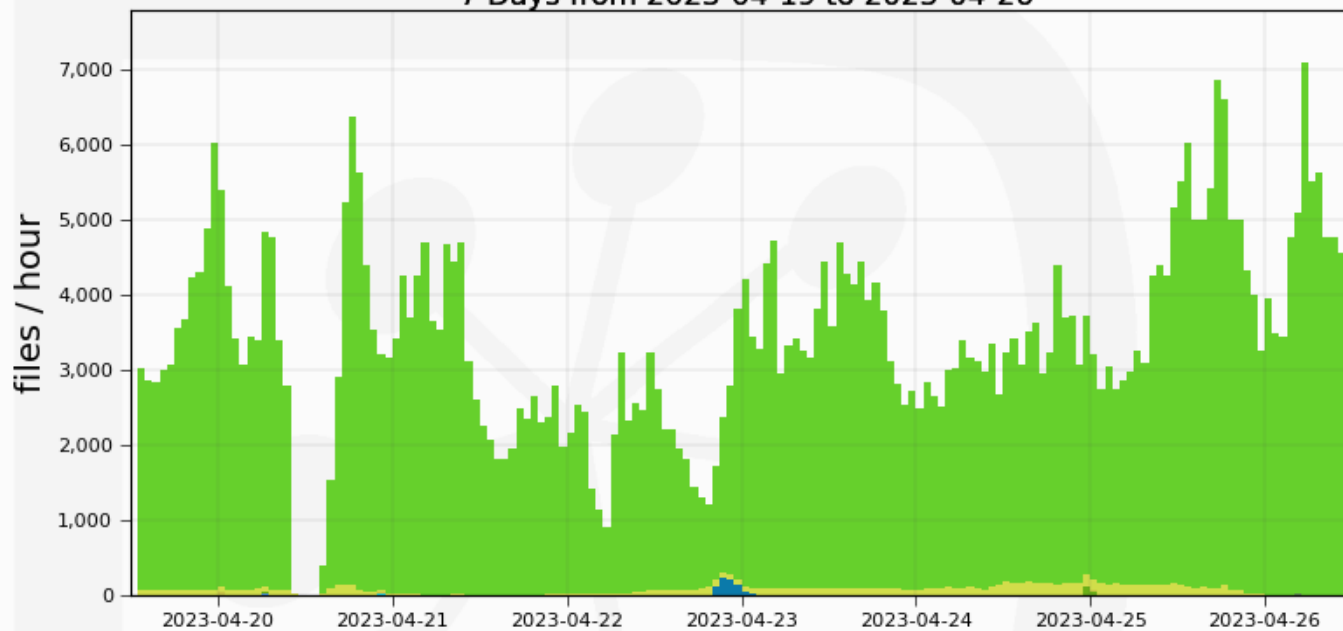


Generated on 2023-04-26 10:22:32 UTC

Transfers from RAL:

Transfers from RAL

7 Days from 2023-04-19 to 2023-04-26



Max: 7,071, Average: 3,354

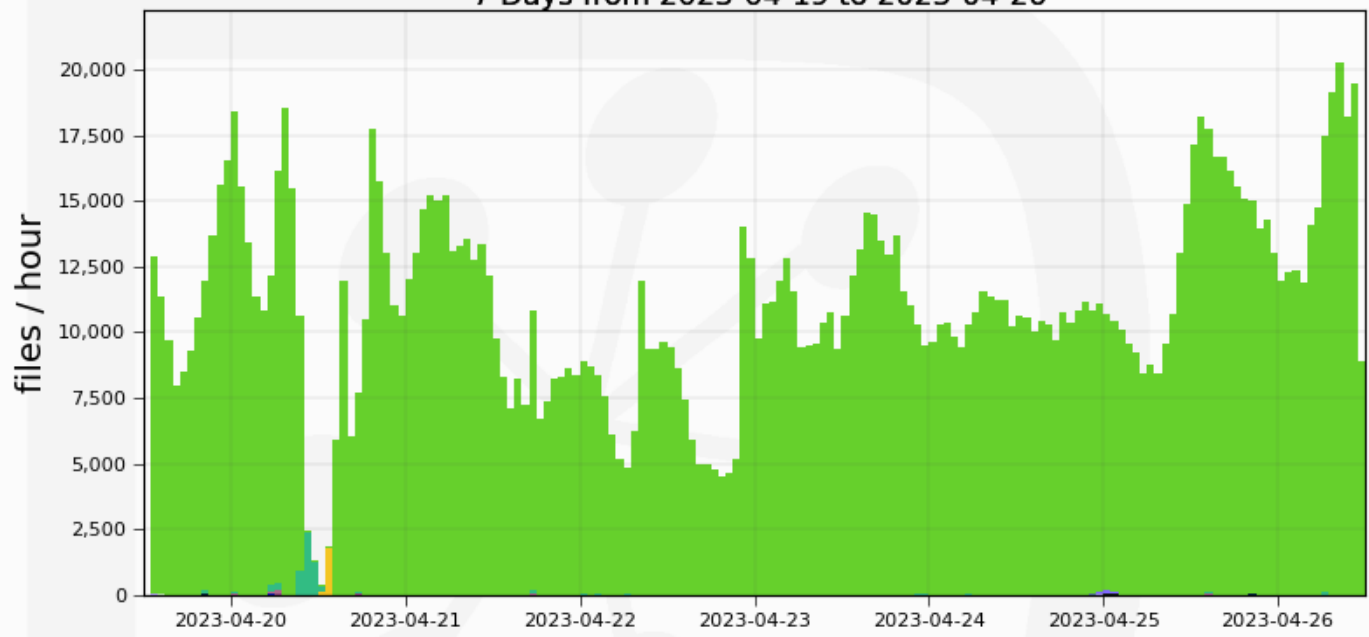
■ Succeeded	97.7%	■ RAL-USER -> LCG.CSCS.ch	0.0%
■ RAL_MC-DST -> IHEP_MC-DST	2.0%	■ RAL-USER -> LCG.RAL.uk	0.0%
■ RAL-USER -> DIRAC.Client.ch	0.1%	■ RAL-USER -> LCG.GRIDKA.de	0.0%
■ RAL-BUFFER -> LCG.RAL.uk	0.0%	■ RAL-USER -> DIRAC.Client.cn	0.0%
■ RAL-USER -> LCG.IN2P3.fr	0.0%	■ RAL-USER -> LCG.NIKHEF.nl	0.0%
■ RAL-USER -> LCG.CERN.cern	0.0%	■ RAL_MC-DST -> LAL_MC-DST	0.0%
■ RAL-USER -> DIRAC.Client.nl	0.0%	■ RAL-USER -> LCG.SARA.nl	0.0%
■ RAL-USER -> LCG.CNAF.it	0.0%	■ RAL-USER -> DIRAC.Client.br	0.0%
■ RAL-USER -> LCG.IHEP.ru	0.0%	... plus 73 more	

Generated on 2023-04-26 10:17:34 UTC

Transfers to RAL:

Transfers to RAL

7 Days from 2023-04-19 to 2023-04-26



Max: 20,232, Average: 10,974

■ Succeeded	99.4%	■ LCG.CSCS.ch -> RAL-BUFFER	0.0%
■ LCG.RAL.uk -> RAL-BUFFER	0.3%	■ lbvobox309.cern.ch -> RAL-USER	0.0%
■ DIRAC.Client.ch -> RAL-USER	0.1%	■ LCG.MIT.us -> RAL-BUFFER	0.0%
■ DIRAC.Sibir.ru -> RAL-BUFFER	0.0%	■ LCG.CERN.cern -> RAL-BUFFER	0.0%
■ LCG.RAL.uk -> RAL-USER	0.0%	■ LCG.Manchester.uk -> RAL-BUFFER	0.0%
■ IN2P3_MC-DST -> RAL-ARCHIVE	0.0%	■ LCG.CERN.cern -> RAL-FAILOVER	0.0%
■ LCG.CPPM.fr -> RAL-BUFFER	0.0%	■ LCG.LAPP.fr -> RAL-BUFFER	0.0%
■ LCG.ITEP.ru -> RAL-BUFFER	0.0%	■ LCG.LAL.fr -> RAL-BUFFER	0.0%
■ LCG.IHEP.ru -> RAL-BUFFER	0.0%	... plus 110 more	

Generated on 2023-04-26 10:21:43 UTC

ALICE

http://alimonitor.cern.ch/stats?page=SE%2Ftable&filter_0=&filter_0_0=RAL%3A%3ACEPH&filter_0_1=&filter_0_2=&filter_0_3=&filter_0_4=&filter_0_5=&filter_0_6=&filter_0_7=&filter_0_8=&filter_0_9=&filter_0_10=&filter_0_11=&filter_0_12=&filter_0_13=&filter_0_14=&filter_0_15=&filter_0_16=&filter_0_17=&filter_0_18=&filter_0_19=&filter_0_20=&filter_0_21=&filter_0_22=&filter_1=&filter_1_0=%21&filter_1_1=&filter_1_2=&filter_1_3=&filter_1_4=&filter_1_5=&filter_1_6=&filter_1_7=&filter_1_8=&filter_1_9=&filter_1_10=&filter_1_11=&filter_1_12=&filter_1_13=&filter_1_14=&filter_1_15=&filter_1_16=&filter_1_17=&filter_1_18=&filter_1_19=&filter_1_20=&filter_1_21=&filter_1_22=

Disk storage elements																							
RAL::CEPH																							
AliEn SE			Catalogue statistics					Storage-provided information					Functional tests				Last day add tests			Demotion	IPv6		
SE Name	AliEn name	Tier	Size	Used	Free	Usage	No. of files	Type	Size	Used	Free	Usage	Version	EOS Version	add	get	rm	3rd	Last OK add	Successful	Failed	factor	add
1. RAL - CEPH	ALICE::RAL::CEPH	1	1.496 PB	886.1 TB	646.2 TB	57.83%	10,603,174	CEPH	1.462 PB	912.8 TB	584.2 TB	60.97%	Xrootd v5.5.4						26.04.2023 10:21	24	0	0.446%	
2. RAL - CEPH_Test	ALICE::RAL::CEPH_Test	1	36.38 TB	0	36.38 TB	-	0	CEPH	-	-	-	-	Xrootd v5.5.0		Test...	Test...			26.04.2023 06:02	14	10	32.89%	Test...
Total			1.532 PB	886.1 TB	682.6 TB		10,603,174		1.462 PB	912.8 TB	584.2 TB				1	1	2	2					1