

Tier1 Report 01/03/2023

Activity from last week:

- Thermal event (known issue that occurred rarely between FireAlarm test interaction with BMS system)
 - Caused Echo to go offline as room temperature rose 10C
 - Fabric tweaking Fan speeds
- Tape Archive DT for frame extension
- Removed defunct SRM castor endpoints from site BDII
 - Already removed months ago from GOCDB
- ARC-CE and CONDOR accounting should now match up as the skew factor has been removed.
 - Should solve the ~30% discrepancy seen between site and ATLAS/CMS
- CA 1.118 update caused issues over the grid (UK CA had an issue plus others related to SHA-1 being terminated)
 - CA will be releasing a new 1.119 soon

Current/Upcoming Activities/Issues from Services:

- Batch
- Disk
- Tape
- Grid Services

Open GGUS tickets:

show/save search result as [CSV](#) | [XML](#)

17 of 17 Tickets

Ticket-ID	Type	VO	Site	Priority	Resp. Unit	Status	Last Update	Subject	Scope
160807	Team	atlas	RAL-LCG2	less urgent	NGI_UK	in progress	2023-03-06	RAL-LCG2-ECHO transfer error as source	WLCG
160669	Team	atlas	RAL-LCG2	less urgent	NGI_UK	in progress	2023-03-02	RAL-LCG2 fails in transfers as ...	WLCG
160682		cms	RAL-LCG2	urgent	NGI_UK	in progress	2023-03-02	SAM tests failing at T1_UK_RAL	WLCG
158746		dteam	RAL-LCG2	less urgent	NGI_UK ▶ involved	in progress	2023-03-08	perfonar hosts at RAL	EGI
160820		dune	RAL-LCG2	urgent	NGI_UK	in progress	2023-03-07	Need new Distinguished Names added to ...	EGI
160700	Team	lhcb	RAL-LCG2	urgent	NGI_UK	on hold	2023-03-03	Authentication problems for local ...	WLCG
160671	Team	lhcb	RAL-LCG2	very urgent	NGI_UK	in progress	2023-03-03	Jobs Failed to transfer output to RAL	WLCG
160597	Team	lhcb	RAL-LCG2	less urgent	NGI_UK	on hold	2023-02-27	Secgsi warning because of ...	WLCG
160556	Team	lhcb	RAL-LCG2	very urgent	NGI_UK	in progress	2023-03-08	RAL LHCb VO-box ipv6 connectivity not ...	WLCG
159954	Team	lhcb	RAL-LCG2	very urgent	NGI_UK	on hold	2023-03-01	Still problem downloading the same file	WLCG
159137	Team	lhcb	RAL-LCG2	very urgent	NGI_UK	on hold	2023-01-16	Slow stat calls at RAL	WLCG
142350	Team	lhcb	RAL-LCG2	top priority	NGI_UK ▶ assigned ▶ involved	in progress	2023-03-01	Problem accessing some LHCb files at RAL	WLCG
160737		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-03-08	[Dashboard] Issues detected at RAL-LCG2	EGI
160736		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-03-08	[Dashboard] Issues detected at RAL-LCG2	EGI
160398		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-03-08	[Dashboard] Issues detected at RAL-LCG2	EGI
159848		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-03-08	[Dashboard] Issues detected at RAL-LCG2	EGI
156742		ops	RAL-LCG2	less urgent	NGI_UK	on hold	2023-03-08	NGI_UK - March 2022 - RP/RC OLA ...	EGI

Closed GGUS tickets:

File Edit View History Bookmarks Tools Help

GGUS /ticket_search

https://ggus.eu/index.php?mode=ticket_search&tsu_hierarchy=0&status=open&affect

Getting Started Most Visited New Tab Getting Started New Tab New Tab Quantum Algorithms ... New Tab New Tab Other Bookmarks

show/save search result as [CSV](#) | [XML](#)

9 of 9 Tickets

Ticket-ID	Type	VO	Site	Priority	Resp. Unit	Status	Last Update	Subject	Scope
160578	Team	atlas	RAL-LCG2	less urgent	NGL_UK	closed	2023-03-06	RAL-LCG2: deletion errors	WLCG
153579		cms	RAL-LCG2	urgent	NGL_UK ▶ involved	closed	2023-03-04	SRM-SAM tests failing intermittently at ...	WLCG
160799		dteam	RAL-LCG2	less urgent	NGL_UK	solved	2023-03-08	friday ticket test for RAL-LCG2 ...	EGI
160702		dteam	RAL-LCG2	less urgent	NGL_UK	unsolved	2023-03-03	afternoon testing after rules change	EGI
160564		dteam	RAL-LCG2	less urgent	NGL_UK	closed	2023-03-03	RAL-LCG2 testing submission for antares ...	EGI
160543		none	RAL-LCG2	urgent	NGL_UK	solved	2023-03-02	Renew certificate for signing alarm ...	EGI
160487		none	RAL-LCG2	less urgent	NGL_UK	closed	2023-03-03	New configuration for monitoring webdav ...	EGI
152766		none	RAL-LCG2	top priority	NGL_UK	closed	2023-03-04	Provide input for the WLCG tape tests ...	EGI
160745		t2k.org	RAL-LCG2	urgent	NGL_UK	solved	2023-03-02	File not included in bring online ...	EGI

Tot pages: 1

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>

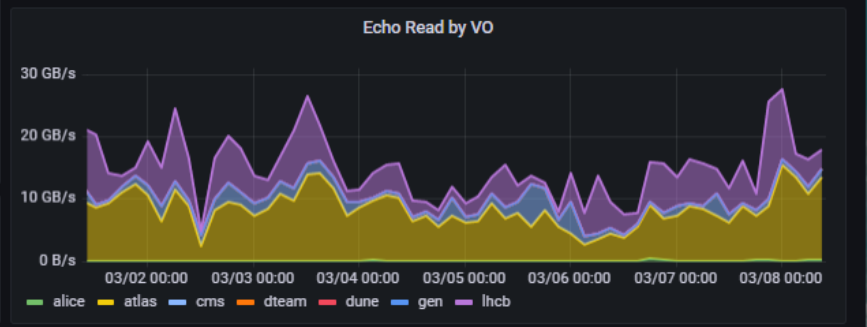
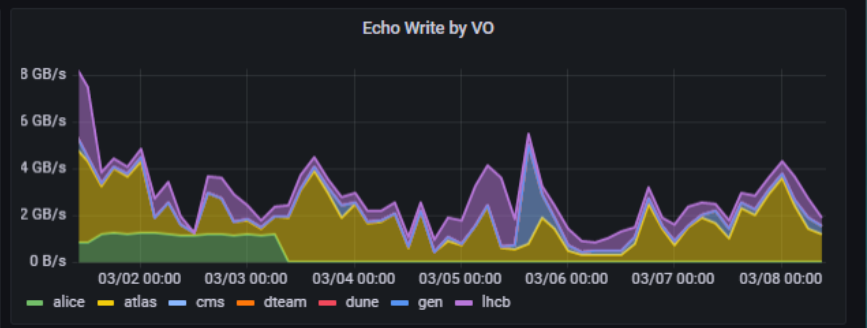
count 2195832

> Antares (3 panels)

▼ Echo

Joint xroot/WebDav Gateway Health

ceph-gw14.gridpp.rl.ac.uk	ok
ceph-gw15.gridpp.rl.ac.uk	ok
ceph-gw16.gridpp.rl.ac.uk	ok
ceph-gw4.gridpp.rl.ac.uk	ok
ceph-gw5.gridpp.rl.ac.uk	ok
ceph-gw6.gridpp.rl.ac.uk	ok
ceph-gw7.gridpp.rl.ac.uk	ok
ceph-svc01.gridpp.rl.ac.uk	ok
ceph-svc02.gridpp.rl.ac.uk	ok
ceph-svc03.gridpp.rl.ac.uk	ok
ceph-svc05.gridpp.rl.ac.uk	ok
ceph-svc97.gridpp.rl.ac.uk	ok
ceph-svc98.gridpp.rl.ac.uk	ok
ceph-svc99.gridpp.rl.ac.uk	ok



Single seriovce XRootD or wewdDav Gateway Health

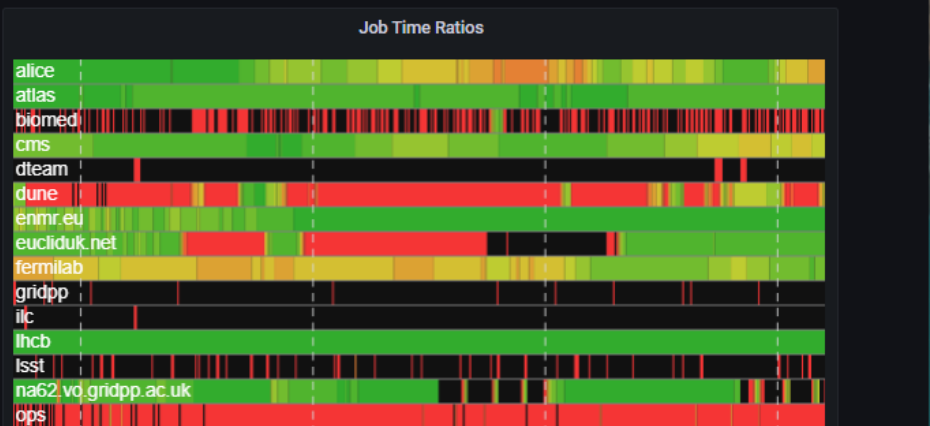
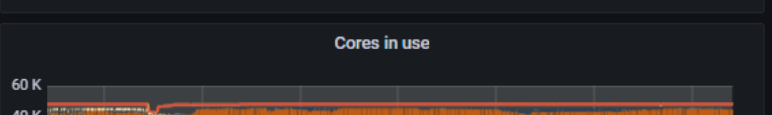
ceph-gw4.gridpp.rl.ac.uk	ok
ceph-gw5.gridpp.rl.ac.uk	ok

▼ Batch Services

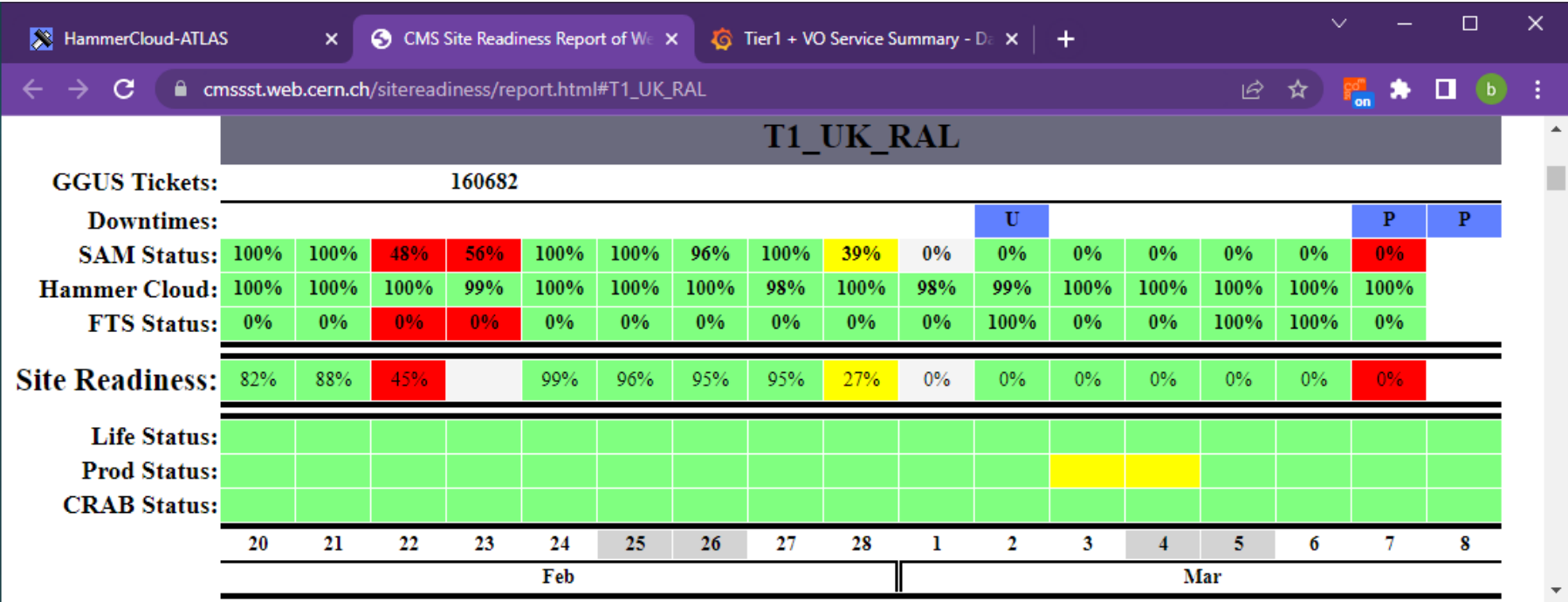
Availabl...	A	T	Availabl...	Used Co...	R	Efficiency
99.0%	100%	99.0%	48192	47700	28767	79.2%

Monthly Average Cores in use / allocation

group_ALICE	group_ATLAS	group_CMS	group_LHCB	group_LIGO	group_NONLHC
142%	88%	258%	185%	0%	18%



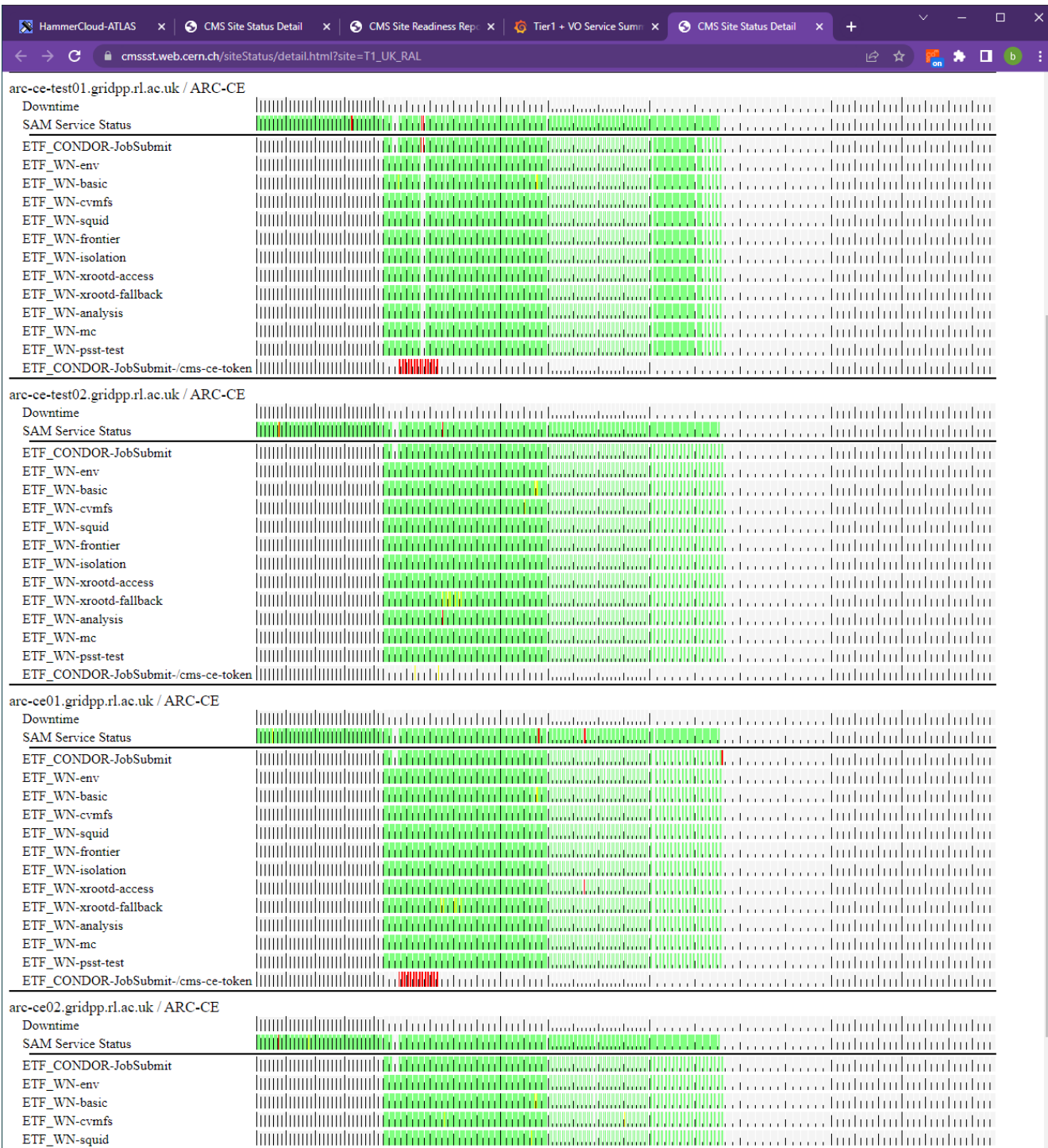
CMS: https://cmsst.web.cern.ch/sitereadiness/report.html#T1_UK_RAL



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

T1_UK_RAL Site Status Detail (We, 2023-Mar-08 09:39 GMT)

Metric	Prev. Month	Previous Week	Yesterday	UTC Today	Following Week
Downtime(s)					
SAM (1day)					
HC (1day)					
FTS (1day)					
SiteReadiness (1day)					
Life Status					
Life Override					
Prod Status					
Prod Override					
Crab Status					
Crab Override					
GGUS tickets:	[160682]				
SAM Status					
Hammer Cloud					
FTS Status					
Site Readiness					
Summary					
antares.stfc.ac.uk / XROOTD					
Downtime					
SAM Service Status					
ETF_SE-XRootD-1connection					
ETF_SE-XRootD-8crt-directory					
ETF_SE-XRootD-18tkn-directory					
ETF_SE-XRootD-99summary					
ETF_SE-xrootd-connection					



ceph-gw10.gridpp.rl.ac.uk / XROOTD

Downtime	
SAM Service Status	
ETF_SE-XRootD-1connection	
ETF_SE-XRootD-3version	
ETF_SE-XRootD-4crt-read	
ETF_SE-XRootD-5crt-contain	
ETF_SE-XRootD-6crt-access	
ETF_SE-XRootD-14tkn-read	
ETF_SE-XRootD-99summary	
ETF_SE-xrootd-version	
ETF_SE-xrootd-connection	
ETF_SE-xrootd-read	
ETF_SE-xrootd-contain	

ceph-gw11.gridpp.rl.ac.uk / XROOTD

Downtime	
SAM Service Status	
ETF_SE-XRootD-1connection	
ETF_SE-XRootD-3version	
ETF_SE-XRootD-4crt-read	
ETF_SE-XRootD-5crt-contain	
ETF_SE-XRootD-6crt-access	
ETF_SE-XRootD-14tkn-read	
ETF_SE-XRootD-99summary	
ETF_SE-xrootd-version	
ETF_SE-xrootd-connection	
ETF_SE-xrootd-read	
ETF_SE-xrootd-contain	

cms-aaa-manager01.gridpp.rl.ac.uk / XROOTD

Downtime	
SAM Service Status	
ETF_SE-XRootD-1connection	
ETF_SE-XRootD-3version	
ETF_SE-XRootD-4crt-read	
ETF_SE-XRootD-5crt-contain	
ETF_SE-XRootD-6crt-access	
ETF_SE-XRootD-14tkn-read	
ETF_SE-XRootD-99summary	
ETF_SE-xrootd-version	
ETF_SE-xrootd-connection	
ETF_SE-xrootd-read	
ETF_SE-xrootd-contain	

gridftp.echo.stfc.ac.uk / SRM

Downtime	
SAM Service Status	
ETF_SE-GSIftp-1connection	
ETF_SE-GSIftp-2ssl	
ETF_SE-GSIftp-4crt-read	
ETF_SE-GSIftp-5open-access	
ETF_SE-GSIftp-6crt-write	
ETF_SE-GSIftp-9summary	
ETF_DNS-IPv6	

ATLAS: <http://hammercloud.cern.ch/hc/app/atlas/siteoverview/?site=RAL-LCG2&startTime=2022-02-16&endTime=2022-02-23&templateType=isGolden>

952 (functional) ... 883 (functional) ... 1192 (functional)... 1184 (functional)... 1013 (functional)...

Template: 952 (functional) - AFT Eventloop 21.2.1 Analy

Time	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Eff[%]	
08/03/23	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	0	99
07/03/23	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	100
06/03/23	c	c	c	c	c	c	m	c	c	c	s	c	c	c	c	c	c	c	s	s	m	c	c	c	c	99
05/03/23	c	c	c	c	c	c	c	c	c	c	c	m	c	c	c	c	c	c	c	c	c	c	c	c	c	97
04/03/23	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	m	c	c	c	c	c	c	c	99
03/03/23	c	c	c	c	c	m	c	c	c	c	c	m	c	c	c	c	c	c	c	c	c	c	c	c	c	99
02/03/23	c	c	c	c	c	c	c	c	c	c	c	c	f	f	m	c	c	c	m	m	c	c	c	c	c	95
01/03/23	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	100

Error Report [+] Expand

Show entries Search: Report problem

952 (functional) ... 883 (functional) ... 1192 (functional)... 1184 (functional)... 1013 (functional)...

Template: 1013 (functional) - AFT AthDerivation 21.2.33.0

Time	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Eff[%]	
08/03/23	c	c	c	c	c	c	s	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	100
07/03/23	s	m	c	c	c	c	c	c	c	c	c	c	c	c	c	c	m	c	c	c	c	c	c	s	s	98
06/03/23	c	c	c	c	c	c	c	c	c	c	c	s	s	c	c	c	c	c	s	s	f	c	c	c	s	99
05/03/23	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	m	c	m	c	c	c	c	c	c	96
04/03/23	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	m	c	c	c	c	c	c	c	99
03/03/23	c	c	c	c	c	c	s	f	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	99
02/03/23	c	c	c	c	c	c	c	c	c	c	c	c	f	s	s	c	c	c	c	c	c	c	c	c	c	99
01/03/23	c	c	c	c	c	s	f	c	c	c	c	c	c	c	c	c	c	c	m	c	c	c	c	c	c	98

Error Report

[+] Expand

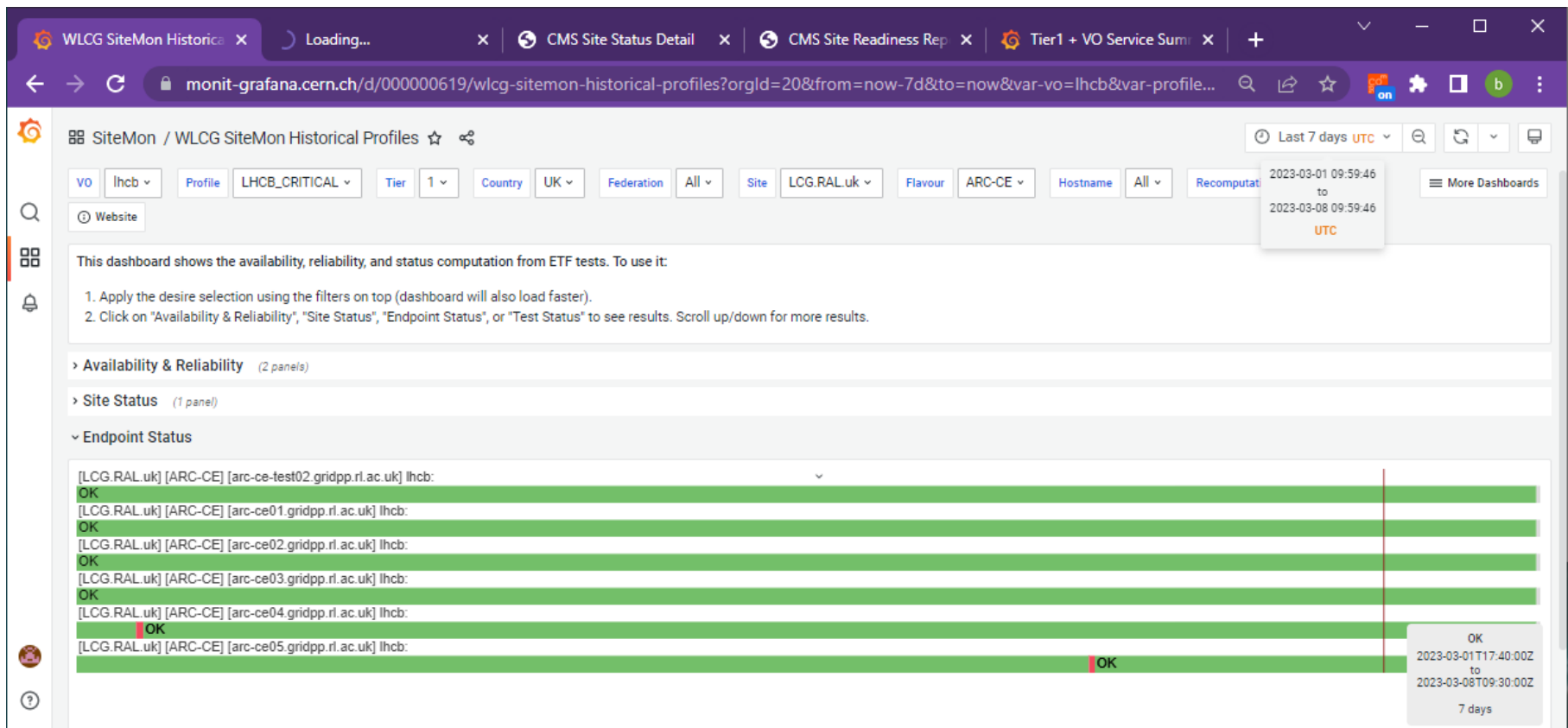
Show All entries

Search:

Report problem

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

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



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_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=

The screenshot shows the MonALISA Repository for ALICE web interface. The browser address bar contains the URL: 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_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=. The page title is "Disk storage elements - ALICE Gr". The main content area displays "Disk storage elements" with a table of storage elements and their statistics.

Alternata views: [Current status](#) | [Usage history](#) | [Tests history](#) | [History chart](#)

What is this about?

Disk storage elements																								
SE Name		AliEn name	Tier	Size	Used	Free	Usage	No. of files	Type	Size	Used	Free	Usage	Version	EOS Version	Functional tests				Last OK add	Last day add tests		Demotion	IPv6
																add	get	rm	3rd		Successful	Failed	factor	add
1. RAL - CEPH		ALICE::RAL::CEPH	1	1.496 PB	878.4 TB	654 TB	57.32%	9,856,490	CEPH	-	-	-	-	Xrootd v5.5.0						08.03.2023 10:17	24	0	0.148%	
2. RAL - CEPH Test		ALICE::RAL::CEPH Test	1	36.38 TB	0	36.38 TB	-	0	CEPH	-	-	-	-	Xrootd v5.5.3						08.03.2023 09:59	24	0	0	Test...
Total				1.532 PB	878.4 TB	690.4 TB		9,856,490		0	0	0				2	2	2	2					1