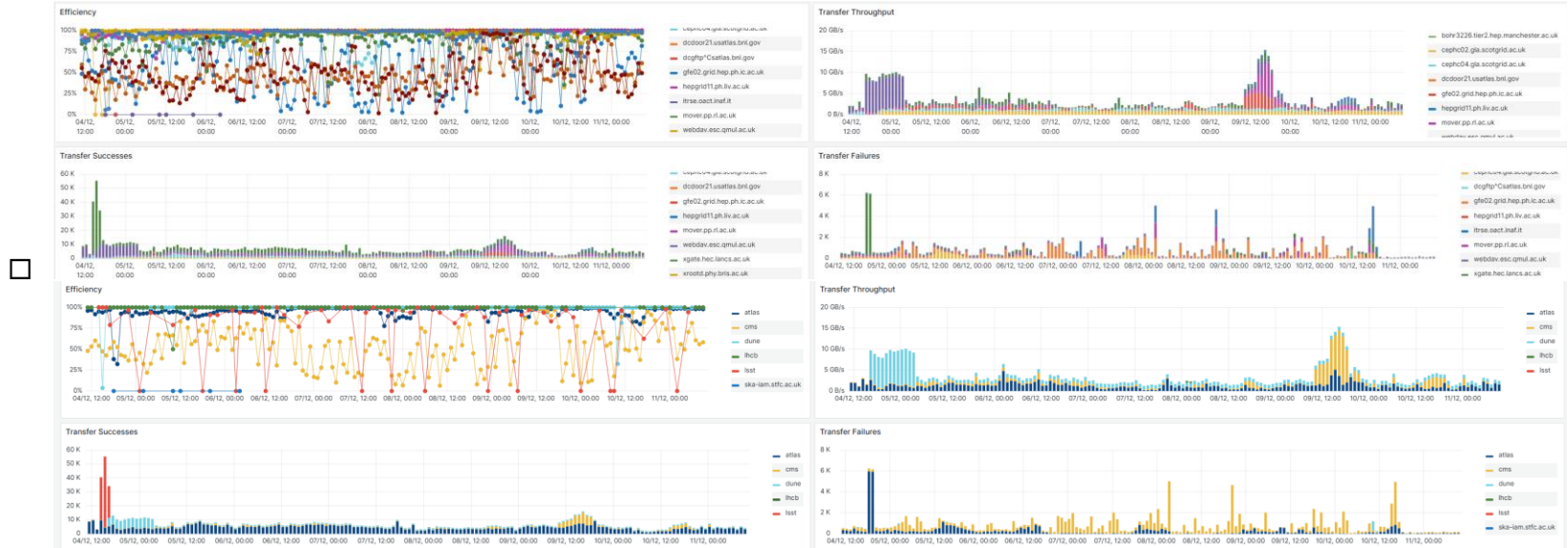


# Tier1 Report 11/1/2024

## Activity for Last Week:

- Mini DC (Tier2s )



- LHCb and ALICE writing HI data
- RAL used as source for ATLAS UM6P tests
- Helpdesk.ggus.eu
- Xrootd upgraded to 5.7.2

## Changes/News for upcoming week

- Batch
- Echo
- Tape
- Grid Services

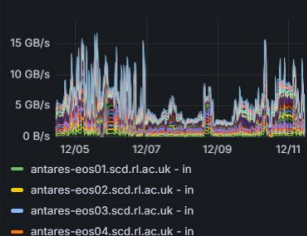
- Network

**New Summary Dashboard in progress.**

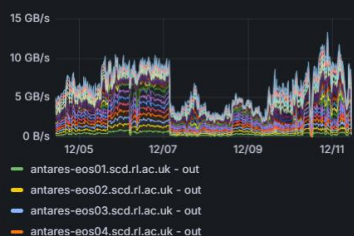
<https://vande.gridpp.rl.ac.uk/next/d/egvWB4Vz/tier1-vo-service-summary?orgId=1&refresh=1m>

count 2197499

### EOS node network rates in



### EOS node network rates out

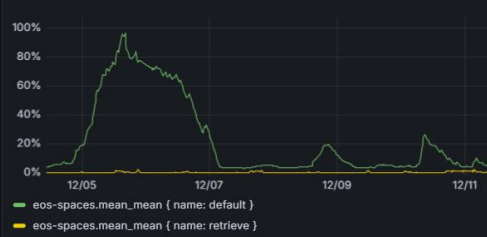


### Antares

#### Panel Title



#### Anatares EOS Sopace Fullness

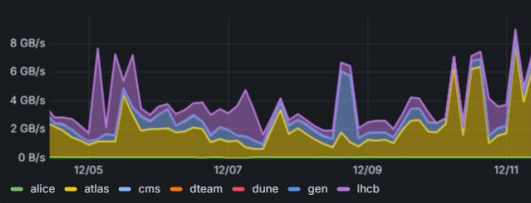


### Echo

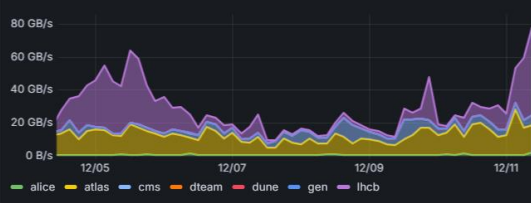
#### Joint xroot/WebDav Gateway Health

ceph-gw14.gridpp.rl.ac.uk	ok
ceph-gw15.gridpp.rl.ac.uk	ok
ceph-gw16.gridpp.rl.ac.uk	ok
ceph-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-svc07.gridpp.rl.ac.uk	ok
ceph-svc08.gridpp.rl.ac.uk	ok
ceph-svc09.gridpp.rl.ac.uk	ok
ceph-svc11.gridpp.rl.ac.uk	ok
ceph-svc13.gridpp.rl.ac.uk	ok
ceph-svc14.gridpp.rl.ac.uk	ok
ceph-svc15.gridpp.rl.ac.uk	ok
ceph-svc17.gridpp.rl.ac.uk	ok

#### Echo Write by VO



#### Echo Read by VO



### Batch Services

Available	A	T	Available	Used Coi	R	Efficienc	Monthly Average Cores in use / allocation											
98.3%	100%	98.3%	64830	63697	33148	79.7%	group_Alice	group_ATLAS	group_CMS	group_LHCb	group_LIGO	group_NONLHC	32%	65%	218%	127%	0%	53%

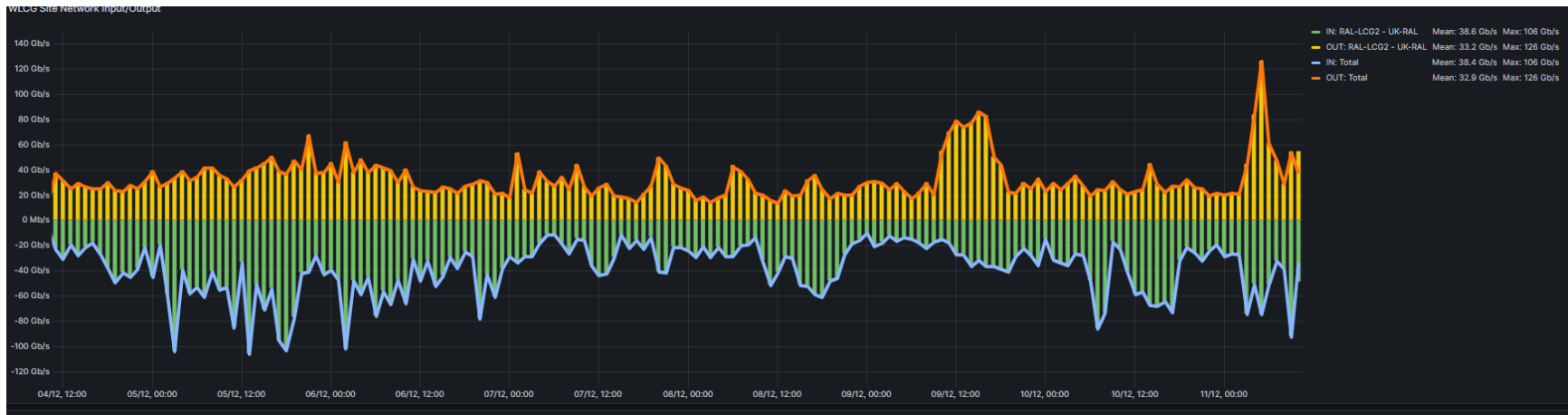
#### Cores in use



#### Job Time Ratios

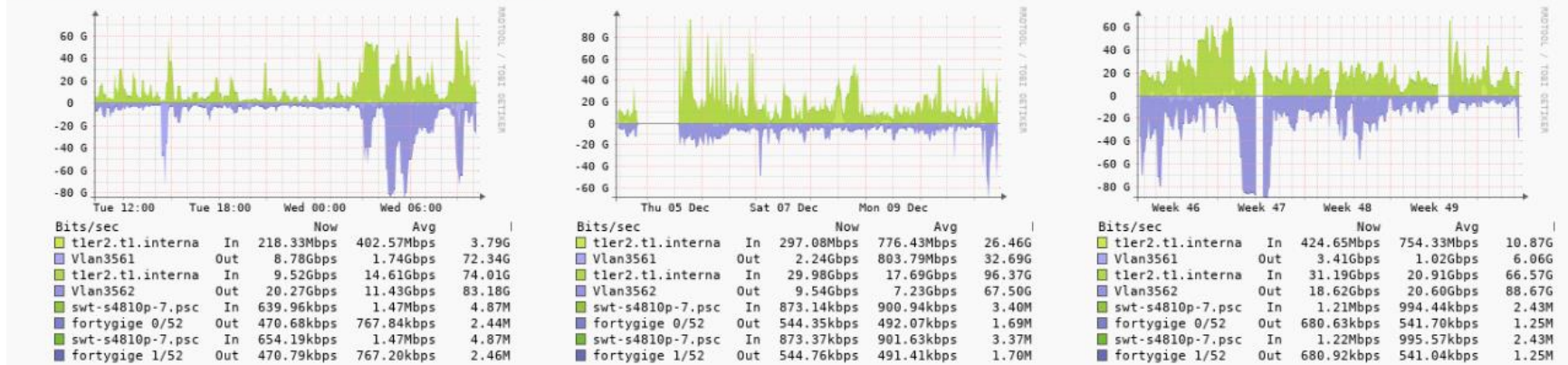


<https://monit-grafana-open.cern.ch/d/Mwuxgoglk/wlcc-site-network?orgId=16&var-site=RAL-LCG2&var-binning=1h&from=now-30d&to=now>



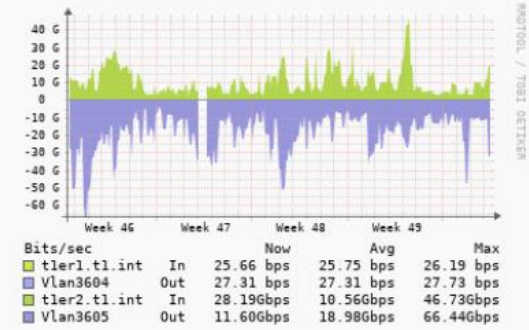
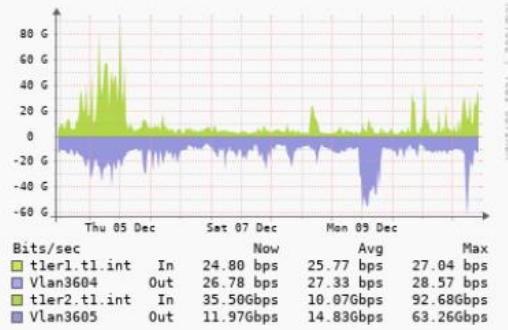
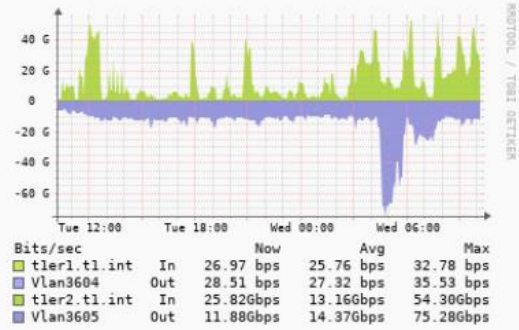
<https://librenms.gridpp.rl.ac.uk/ifttype/type=LHCOPN>

### Total Graph for ports of type : LHCOPN



<https://librenms.gridpp.rl.ac.uk/ifttype/type=LHCONE>

**Total Graph for ports of type : LHCONE**



CMS: [https://cmsst.web.cern.ch/sitereadiness/report.html#T1\\_UK\\_RAL](https://cmsst.web.cern.ch/sitereadiness/report.html#T1_UK_RAL)

T1_UK_RAL																	
<b>GGUS Tickets:</b>	165969																
<b>Downtimes:</b>	D																
<b>SAM Status:</b>	100%	100%	95%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	
<b>Hammer Cloud:</b>	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
<b>FTS Status:</b>	100%	0%	100%	100%	100%	0%	0%	0%	100%	0%	0%	0%	0%	0%	100%	94%	
<b>Site Readiness:</b>	0%	57%	100%	19%	18%	21%	18%	25%	43%	100%	100%	100%	96%	100%	100%	94%	
<b>Life Status:</b>	[Green bar]																
<b>Prod Status:</b>	[Green bar]																
<b>CRAB Status:</b>	[Green bar]																
<b>Rucio Status:</b>	[Green bar]																
	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11
	Nov						Dec										

[https://cmsst.web.cern.ch/siteStatus/detail.html?site=T1\\_UK\\_RAL](https://cmsst.web.cern.ch/siteStatus/detail.html?site=T1_UK_RAL)

Metric	Prev. Month	Previous Week	Yesterday	UTC Today
Downtime(s)				
SAM (1day)				
HC (1day)				
FTS (1day)				
SiteReadiness (1day)				
Life Status				
Life Override				
Prod Status				
Prod Override				
Crab Status				
Crab Override				
Rucio Status				
Rucio Override				
GGUS tickets:	[167369]	[168888]		

**ATLAS:**

<https://hammercloud.cern.ch/hc/app/atlas/siteoverview/?site=RAL-LCG2&startTime=2024-07-17&endTime=2024-07-24&templateType=isGolden>

1184 (functional) -...

1283 (functional) -...

1272 (functional) -...

1273 (functional) -...

Template: 1184 (functional) - PFT mc15 Sim\_tf 21.0.15 FC

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[%]	
11/12/24	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
10/12/24	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
09/12/24	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
08/12/24	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
07/12/24	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
06/12/24	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
05/12/24	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
04/12/24	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

10 entries per page

Search:

Showing 0 to 0 of 0 entries

« &lt; &gt; »

## RAL-LCG2\_MCORE

1184 (functional) -...

1283 (functional) -...

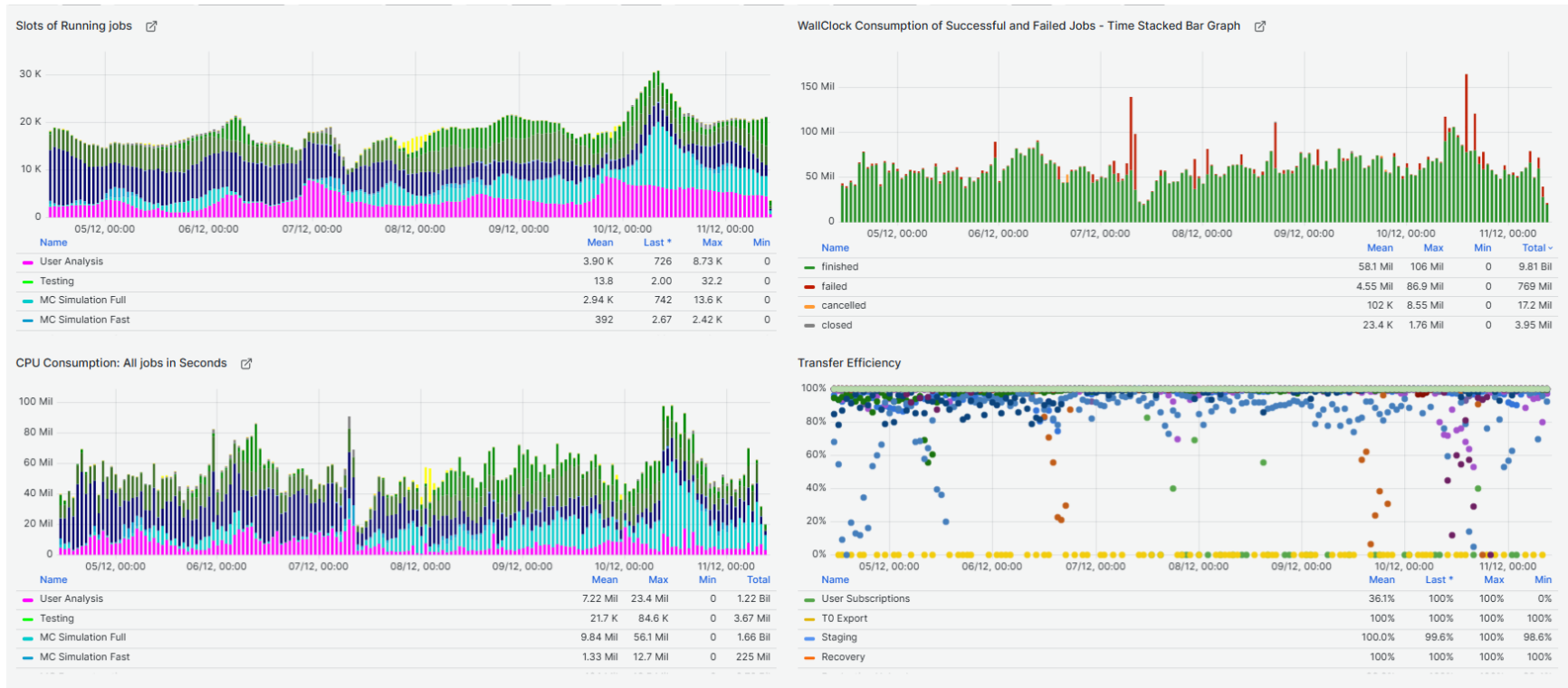
Template: 1184 (functional) - PFT mc15 Sim\_tf 21.0.15 FC

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[%]	
11/12/24	s	s	c	s	s	c	c	c	s	s	c	c	s	s	s	s	s	s	r	0	0	0	0	0	0	100
10/12/24	s	s	c	c	c	c	c	c	c	c	s	c	s	s	c	s	c	s	s	s	s	s	s	c	s	100
09/12/24	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	s	s	s	c	c	f	s	c	c	98
08/12/24	c	c	s	s	s	c	c	c	c	c	c	c	c	c	c	s	s	s	c	c	s	c	s	c	c	100
07/12/24	c	s	s	s	c	c	s	s	s	s	s	s	c	c	c	c	c	c	c	c	c	c	c	c	c	100
06/12/24	s	s	s	s	s	c	c	s	s	s	f	c	s	c	c	c	c	c	c	c	c	c	c	c	c	95
05/12/24	c	c	c	c	c	s	c	c	s	s	c	s	s	s	c	s	s	c	s	s	s	s	s	s	s	100
04/12/24	s	s	s	s	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	s	c	c	c	100

## Error Report

[+] Expand

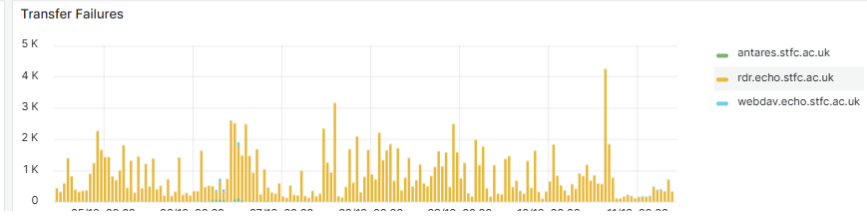
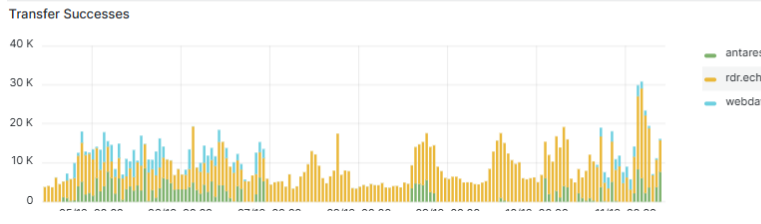
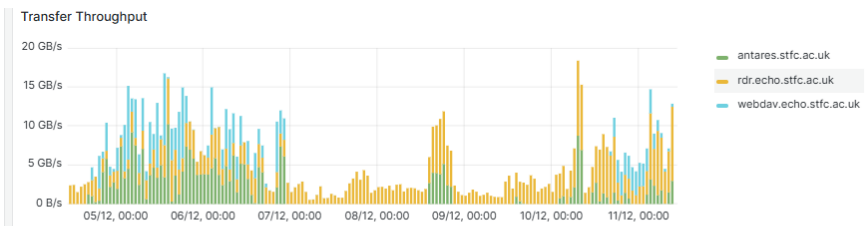
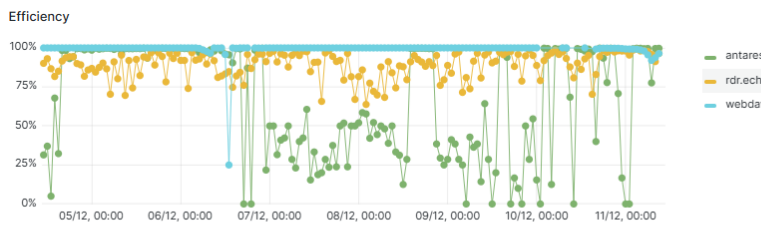
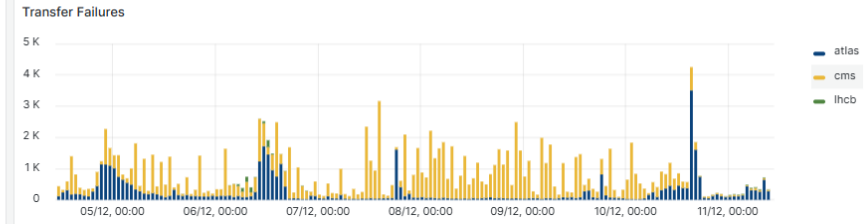
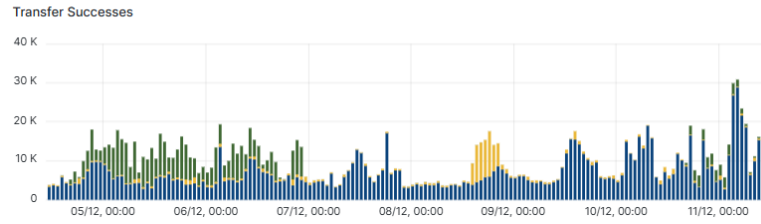
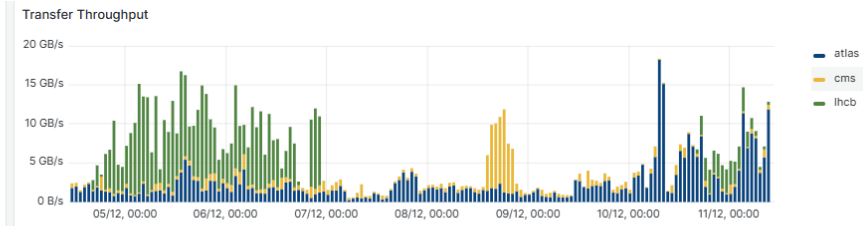
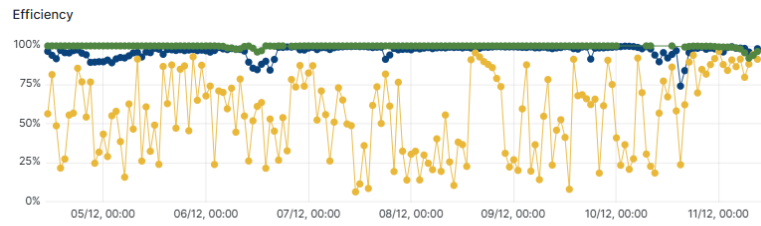
Site Dashboard: [https://monit-grafana.cern.ch/d/D26vElGGz/site-oriented-dashboard?orgId=17&var-bin=1h&var-groupby\\_jobs=adactivity&var-groupby\\_ddm=activity&var-cloud=All&var-country=All&var-federation=All&var-site=RAL-LCG2&var-computingsite=All&var-jobtype=All&var-es\\_division\\_factor=1&var-measurement=ddm\\_transfer\\_1h](https://monit-grafana.cern.ch/d/D26vElGGz/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)



## Transfer Rates

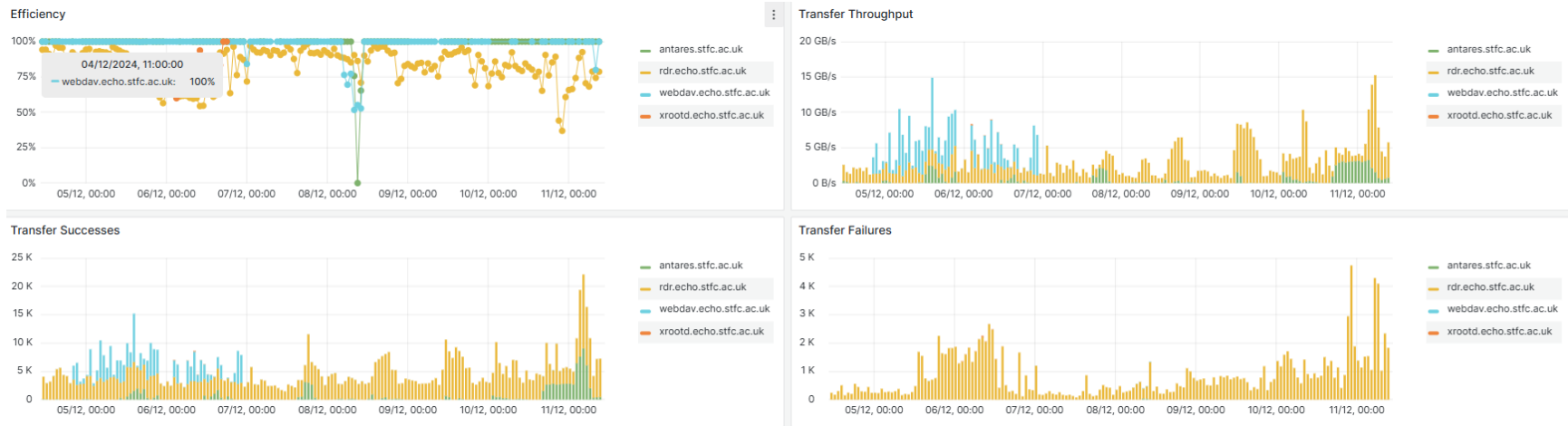
<https://tinyurl.com/RAL-Ingest-FTS>





## RECALL

<https://tinyurl.com/RAL-recall>



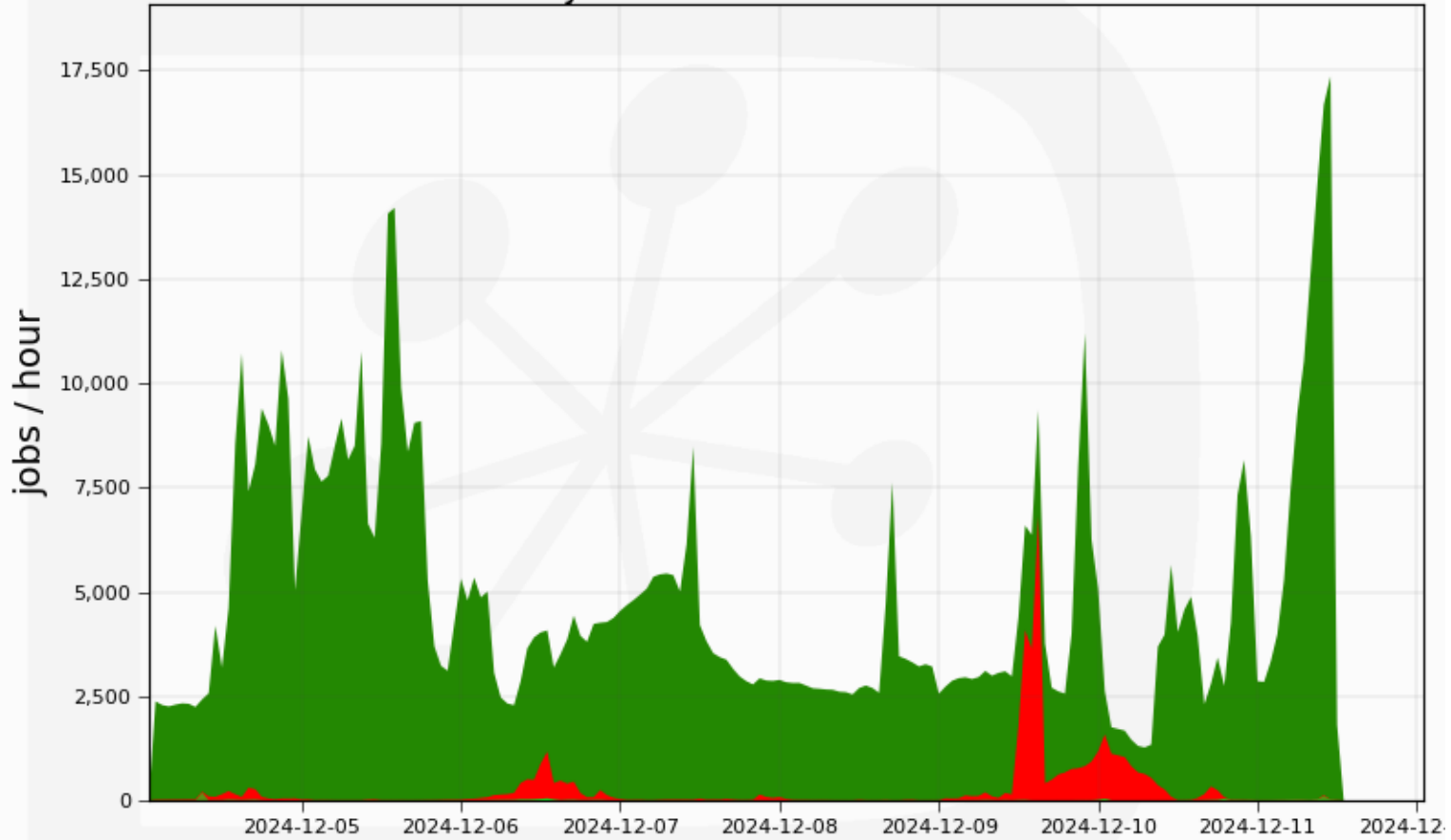
**LHCb:** [https://monit-grafana.cern.ch/d/000000619/wlcb-sitemon-historical-profiles?orgId=20&from=now-30d&to=now&var-vo=lhcb&var-profile=LHCb CRITICAL&var-dst tier=1&var-dst country=UK&var-dst federation=All&var-dst experiment site=LCG.RAL.uk&var-service flavour=ARC-CE&var-dst hostname=All&var-recomputation=status](https://monit-grafana.cern.ch/d/000000619/wlcb-sitemon-historical-profiles?orgId=20&from=now-30d&to=now&var-vo=lhcb&var-profile=LHCb%20CRITICAL&var-dst%20tier=1&var-dst%20country=UK&var-dst%20federation=All&var-dst%20experiment%20site=LCG.RAL.uk&var-service%20flavour=ARC-CE&var-dst%20hostname=All&var-recomputation=status)



Jobs:

# Jobs by FinalMajorStatus

8 Days from 2024-12-04 to 2024-12-12



Max: 17,349, Average: 4,588

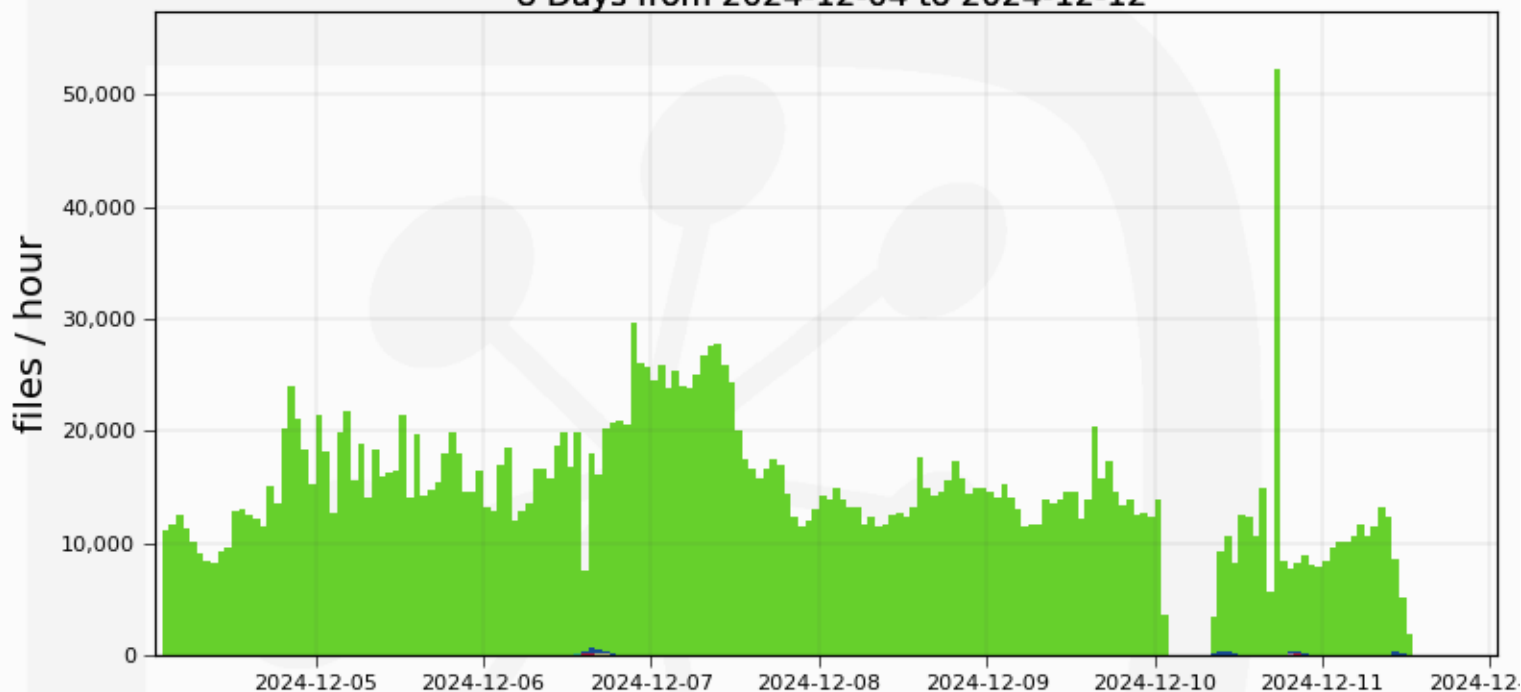
Done 95.0% Failed 4.8% Rescheduled 0.1% Completed 0.0%

Generated on 2024-12-11 11:24:51 UTC

Transfers to RAL:

### Transfers to RAL

8 Days from 2024-12-04 to 2024-12-12



Max: 52,191, Average: 13,647

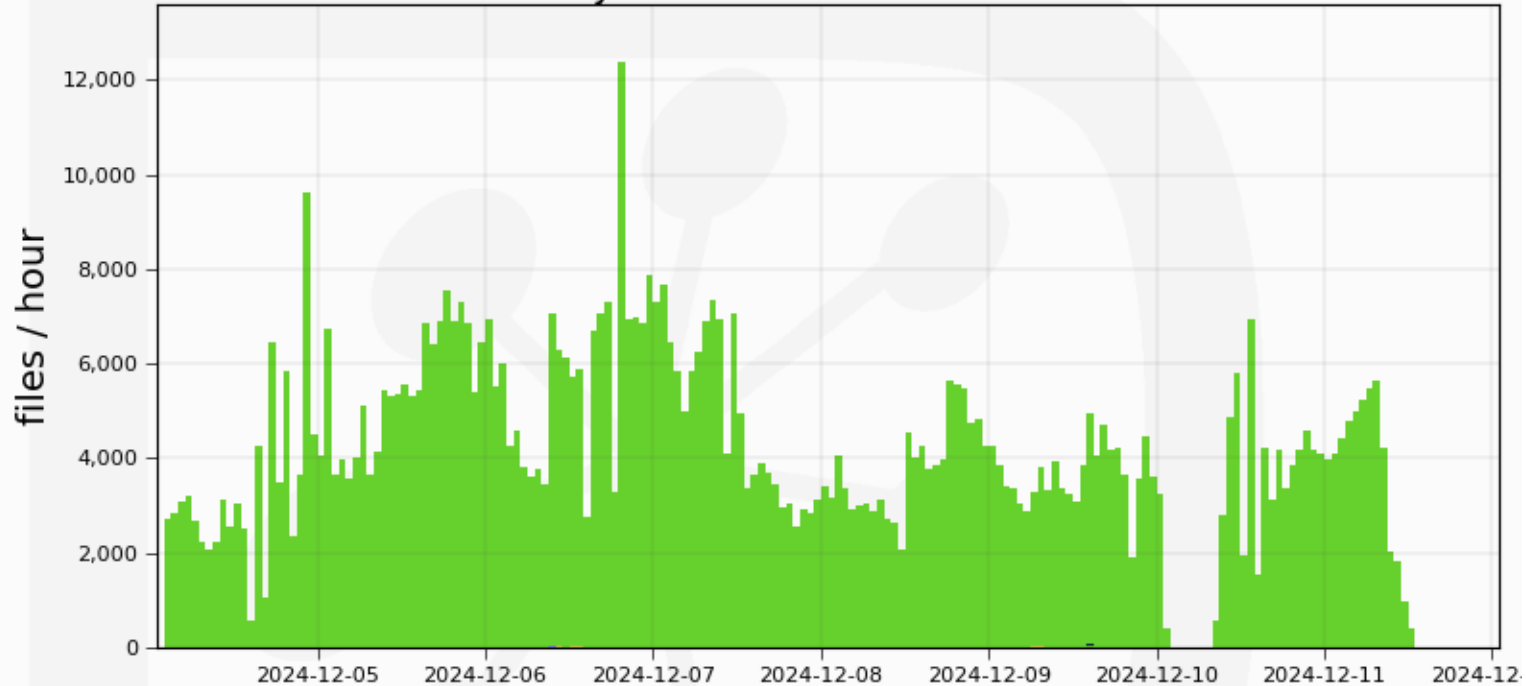
■ Succeeded	99.8%	■ CERN-DAQ-EXPORT -> RAL-BUFFER	0.0%
■ DIRAC.HLTFarm.lhcb -> RAL-USER	0.1%	■ RAL-BUFFER -> RAL-RAW	0.0%
■ LCG.Glasgow.uk -> RAL-BUFFER	0.0%	■ LCG.Manchester.uk -> RAL-BUFFER	0.0%
■ DIRAC.HLTFarm.lhcb -> RAL-FAILOVER	0.0%	■ LCG.LAPP.fr -> RAL-BUFFER	0.0%
■ LCG.RAL.uk -> RAL-BUFFER	0.0%	■ Beijing_MC-DST -> RAL_MC-DST	0.0%
■ CERN-DAQ-EXPORT -> RAL-RAW	0.0%	■ LCG.JINR.ru -> RAL-BUFFER	0.0%
■ LCG.Krakow.pl -> RAL-BUFFER	0.0%	■ DIRAC.Client.cn -> RAL-USER	0.0%
■ LCG.CERN.cern -> RAL-USER	0.0%	■ DIRAC.Client.ch -> RAL-USER	0.0%
■ LCG.CERN.cern -> RAL-FAILOVER	0.0%	... plus 155 more	

Generated on 2024-12-11 11:24:54 UTC

Transfers from RAL:

# Transfers from RAL

8 Days from 2024-12-04 to 2024-12-12



Max: 12,364, Average: 3,938

■ Succeeded	99.9%	■ RAL_MC-DST -> CSCS_MC-DST	0.0%
■ RAL-BUFFER -> LCG.RAL.uk	0.0%	■ RAL-USER -> DIRAC.Client.ch	0.0%
■ RAL-BUFFER -> RAL-RAW	0.0%	■ RAL-USER -> LCG.RAL-HEP.uk	0.0%
■ RAL-USER -> LCG.RAL.uk	0.0%	■ RAL-USER -> LCG.CPPM.fr	0.0%
■ RAL-USER -> LCG.CNAF.it	0.0%	■ RAL-USER -> LCG.Manchester.uk	0.0%
■ RAL-BUFFER -> DIRAC.HLTfarm.lhcb	0.0%	■ RAL-USER -> LCG.GRIDKA.de	0.0%
■ RAL-USER -> DIRAC.HLTfarm.lhcb	0.0%	■ RAL-USER -> LCG.UKI-LT2-IC-HEP.uk	0.0%
■ RAL-USER -> LCG.IN2P3.fr	0.0%	■ RAL-DST -> DIRAC.LocalProdTest.local	0.0%
■ RAL-ARCHIVE -> CSCS-DST	0.0%	... plus 76 more	

Generated on 2024-12-11 11:24:58 UTC

<https://tinyurl.com/aliceRALstorage>

Disk storage elements																							
RAL																							
AllEn SE			Catalogue statistics (1024-base units)					Storage-provided information (1024-base units)					Functional tests				Last day add tests		Demotion	IPv6			
SE Name	AllEn 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	2 PB	1.231 PB	787.7 TB	61.54%	14,130,966	CEPH	2 PB	0	2 PB	-	Xrootd v5.7.0						11.12.2024 11:02	24	0		0
<b>Total</b>			<b>2 PB</b>	<b>1.231 PB</b>	<b>787.7 TB</b>		<b>14,130,966</b>		<b>2 PB</b>	<b>0</b>	<b>2 PB</b>				<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>					<b>1</b>

What is this about?

Custodial storage elements																								
RAL																								
AllEn SE			Catalogue statistics (1024-base units)					Storage-provided information (1024-base units)					Functional tests				Last day add tests		Demotion	IPv6				
SE Name	AllEn 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 - CTA	ALICE::RAL::CTA	1	2.726 PB	1.49 PB	1.236 PB	54.67%	659,451	TAPE	209.5 TB	17.38 TB	192.1 TB	8.296%	Xrootd 5.6.10-1.el9.x86_64						11.12.2024 10:49	24	0		0	Test...
2. RAL - CTA_TEST	ALICE::RAL::CTA_TEST	1	1000 GB	0	1000 GB	-	0	TAPE	1000 GB	765.7 MB	999.3 GB	0.075%	Xrootd 5.6.10-1.el9.x86_64						11.12.2024 10:52	24	0		0	Test...
<b>Total</b>			<b>2.727 PB</b>	<b>1.49 PB</b>	<b>1.237 PB</b>		<b>659,451</b>		<b>210.5 TB</b>	<b>17.38 TB</b>	<b>193.1 TB</b>				<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>					<b>0</b>	

GW version need updating?