

Experiment transfers dashboards

CMS and ATLAS

Data Challenge Monitoring Mini Workshop

27 April 2021

<https://indico.cern.ch/event/1027287/>



CMS Transfers Dashboards



Group By activity ▾ Source RSE All ▾ Dest RSE All ▾ FTS Server All ▾ Activity All ▾ Bin 1h ▾ Filters +

Transfer plots



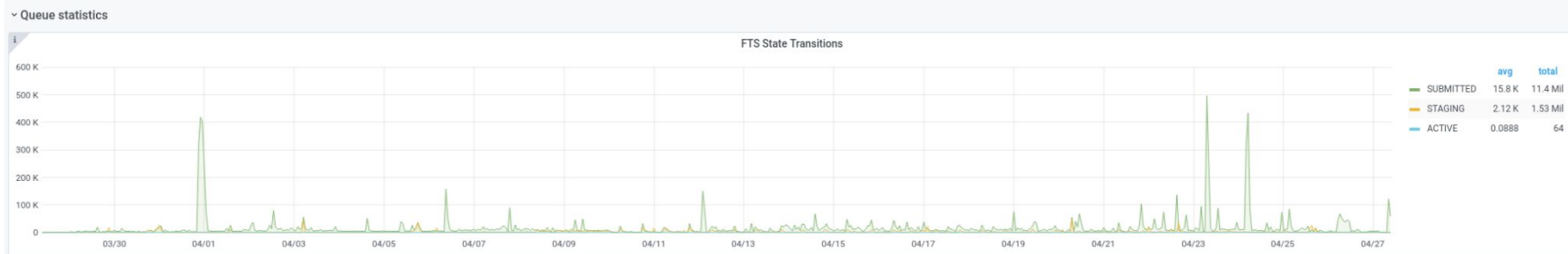
<https://monit-grafana.cern.ch/d/mtQFDScGk/cms-fts-metrics?orgId=11&refresh=5m&from=now-7d&to=now>

CMS Transfers Dashboards



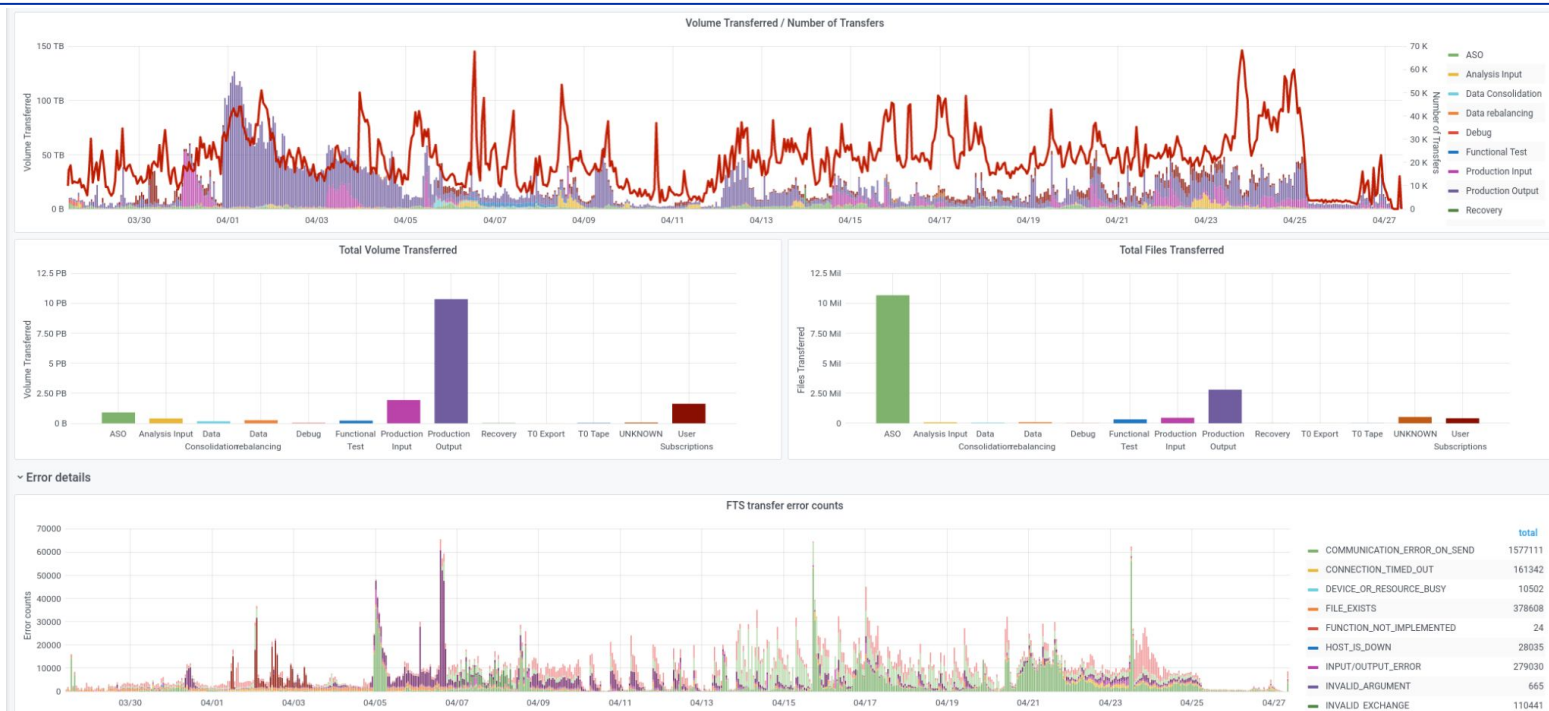
Efficiency matrix

	T0_CH_CERN	T1_DE_KIT	T1_ES_PIC	T1_FR_CCIN2P3	T1_IT_CNAF	T1_RU_JINR	T1_UK_RAL	T1_US_FNAL	T2_AT_Vienna	T2_BE_IJHE	T2_BE_UCL	T2_BR_SPRACE	T2_BR_UERJ	T2_CH_CERN	T2_CH_CSCS	T2_CN_Beijing	T2_DE_DESY	T2_DE_RWTH	T2_EE_Estonia	1	UNKNOWN
T0_CH_CERN	41%	68%	59%	90%	71%	78%	99%	82%	80%	100%	88%	56%	90%	-	100%	93%	84%	90%	98%	98%	5
T1_DE_KIT	76%	23%	25%	51%	34%	42%	80%	57%	67%	92%	76%	34%	57%	70%	100%	67%	90%	100%	98%	99%	5
T1_ES_PIC	83%	45%	22%	39%	32%	47%	32%	66%	92%	78%	78%	47%	91%	-	94%	95%	85%	69%	90%	66%	7
T1_FR_CCIN2P3	93%	38%	28%	33%	41%	40%	69%	70%	52%	99%	87%	71%	94%	-	100%	100%	89%	100%	98%	100%	7
T1_IT_CNAF	80%	28%	26%	21%	43%	41%	62%	67%	99%	99%	92%	75%	93%	-	100%	90%	88%	100%	98%	100%	6
T1_RU_JINR	87%	45%	32%	37%	52%	40%	85%	70%	98%	99%	88%	84%	94%	-	96%	95%	84%	99%	98%	97%	7
T1_UK_RAL	73%	53%	53%	48%	41%	45%	100%	62%	94%	99%	90%	75%	93%	-	98%	100%	93%	100%	99%	99%	6
T1_US_FNAL	83%	47%	44%	45%	40%	60%	75%	46%	53%	98%	85%	83%	95%	0%	77%	90%	87%	71%	82%	80%	5
T2_AT_Vienna	92%	99%	19%	23%	23%	99%	38%	53%	-	100%	100%	100%	97%	-	100%	98%	98%	100%	100%	99%	6
T2_BE_IJHE	86%	59%	34%	35%	32%	48%	99%	69%	100%	100%	96%	100%	94%	-	100%	90%	86%	100%	98%	97%	6



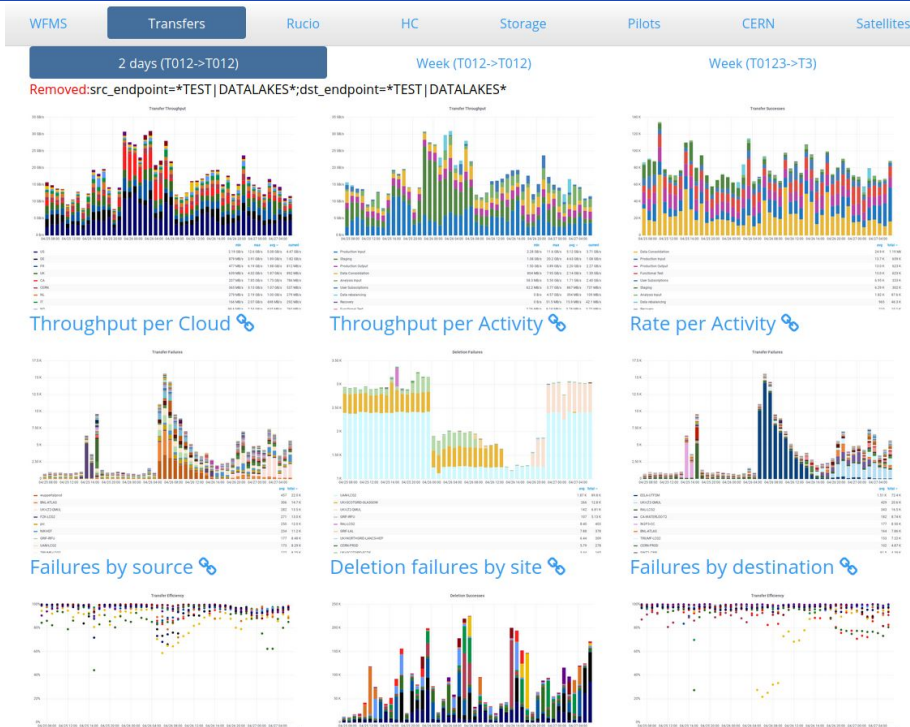
<https://monit-grafana.cern.ch/d/mtQFDScGk/cms-fts-metrics?orgId=11&refresh=5m&from=now-7d&to=now>

CMS Transfers Dashboards



<https://monit-grafana.cern.ch/d/mtQFDScGk/cms-fts-metrics?orgId=11&refresh=5m&from=now-7d&to=now>

ATLAS Live Monitoring: Transfers



<https://atlasdistributedcomputing-live.web.cern.ch/ATLASDistributedComputing-live/#Transfers2d>

ATLAS Transfers Dashboards



Production / DDM Transfers ☆ ↶

Bar chart icon, Print icon, Refresh icon, Last 7 days UTC, Search icon, Refresh icon, Close icon

Binning: auto | Group by: dst_cloud | Activity: Analysis Input + Data Consolidation + Data rebalancing + Express + Funct... | Protocol: All | Src tier: All | Src country: All | Src cloud: All | Src exp site: All | Src endpoint: All | Src token: All

Src columns: src_cloud | Dst tier: All | Dst country: All | Dst cloud: All | Dst exp site: All | Dst endpoint: All | Dst token: All | Dst rows: dst_cloud | Include endpoints: | Exclude endpoints: none

ATLAS Theme | Default

- > Overview & Help (1 panel)
- > Matrix (Efficiency) (1 panel)
- > Matrix (Failures) (1 panel)
- > Matrix (Successes) (1 panel)
- > Transfer Table (1 panel)
- > Transfer Plots (6 panels)
- > Transfer Errors (1 panel)
- > Transfer Details (1 panel)
- > Transfer Queues (6 panels)
- > Staging Table (1 panel)
- > Staging Plots (5 panels)
- > Staging Errors (1 panel)
- > Staging Details (1 panel)
- > Deletion Table (1 panel)
- > Deletion Plots (5 panels)
- > Deletion Errors (1 panel)
- > Deletion Details (1 panel)

<https://monit-grafana.cern.ch/d/FtSFfwdmk/ddm-transfers?orgId=17&from=now-7d&to=now>

ATLAS Transfers Dashboards

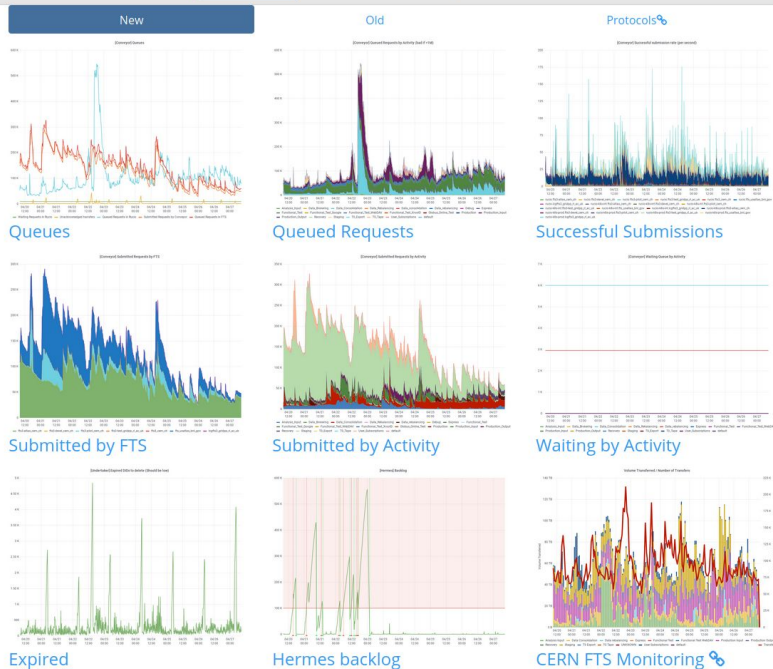


<https://monit-grafana.cern.ch/d/FtSFfwdmk/ddm-transfers?orgId=17&from=now-7d&to=now>

ATLAS Live Monitoring: Rucio



07:51 UTC Dashboard BigPanda WFMS Transfers **Rucio** HC Storage Pilots CERN Satellites



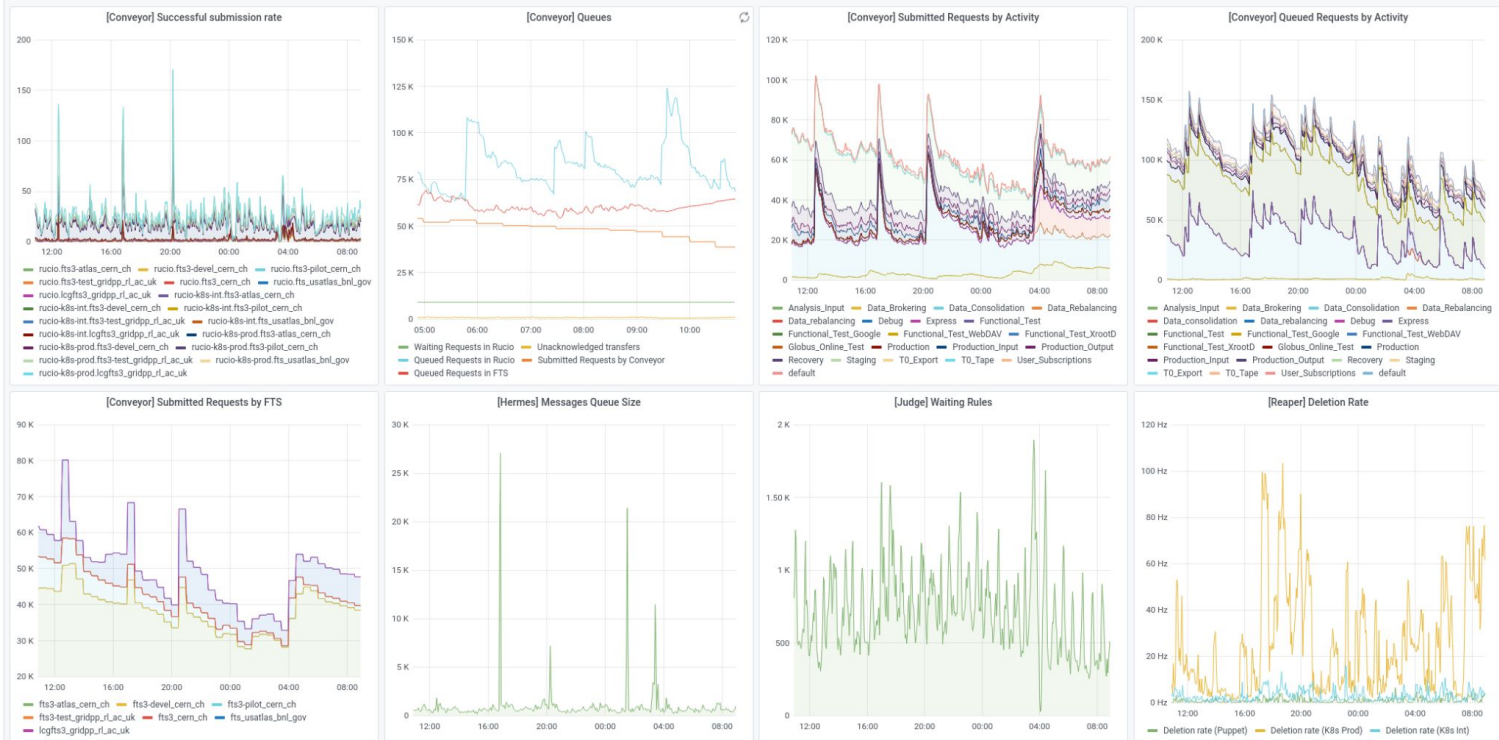
<https://atlasdistributedcomputing-live.web.cern.ch/ATLASDistributedComputing-live/#Transfers2d>

ATLAS Rucio Monitoring



General / Monitoring - Rucio Overview

2021-04-26 10:51:45 to 2021-04-27 08:53:37



Rucio Rule Monitoring



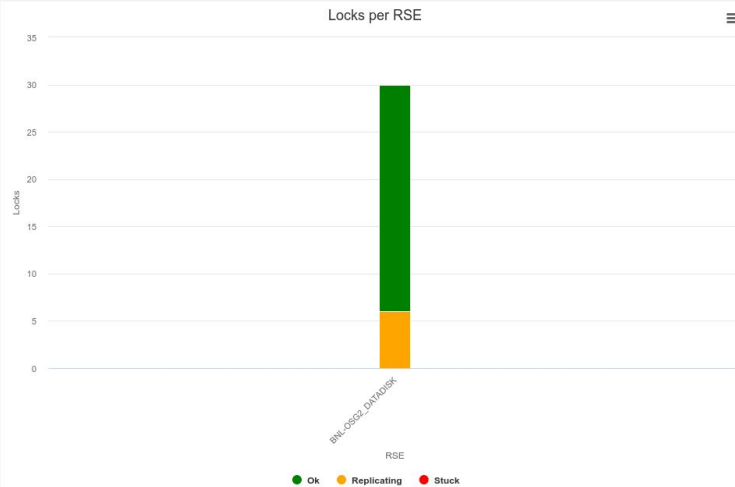
ATLAS Rucio UI | Monitoring | Data Transfers (PCDD) | Reports | Search | Using account: missing | Other Monitoring | Help

You are here: Rule [ba446378a94d396909f2b14cdad5] | Rule Version [Wd0J / Server j:129.3.pool1 / 1.29.3.pool1]

Rule metadata

account	panda
activity	Analysis Input
comments	task_id:25368314
copies	1
created_at	Mon, 26 Apr 2021 23:25:02 UTC
did_type	DATASET
expires_at	Mon, 03 May 2021 23:25:02 UTC ✦ ✕
grouping	DATASET
id	ba446378a94d396909f2b14cdad5
ignore_account_limit	false
ignore_availability	true
locked	false
locks_ok_cnt	24
locks_replicating_cnt	6
locks_stuck_cnt	0
name	panda.6.04.26: DESDM_EXOTHIP:transfer.edad84b6-a5f9-4e4e-80c0-dab562b0447b_d5039162181
notification	CLOSE
priority	3
purge_replicas	false
rse_expression	BNL-OSG2_DATADISK
scope	panda
split_container	false
state	REPLICATING
updated_at	Tue, 27 Apr 2021 00:59:27 UTC

Locks Overview



entries

Filename	RSEs	DDM Dashboard	FTS Monitoring
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0076.1	BNL-OSG2_DATADISK	link	
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0077.1	BNL-OSG2_DATADISK	link	
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0078.1	BNL-OSG2_DATADISK	link	
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0079.1	BNL-OSG2_DATADISK	link	
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0080.1	BNL-OSG2_DATADISK	link	https://fts.usatlas.bnl.gov/9449/ftsmoni/
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0081.1	BNL-OSG2_DATADISK	link	
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0082.1	BNL-OSG2_DATADISK	link	https://fts.usatlas.bnl.gov/9449/ftsmoni/
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0083.1	BNL-OSG2_DATADISK	link	
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0084.1	BNL-OSG2_DATADISK	link	https://fts.usatlas.bnl.gov/9449/ftsmoni/
data18_13TeV.data18_13TeV.00359823.physics_Main.merge.DESDM_EXOTHIP:1964_m2024_0085.1	BNL-OSG2_DATADISK	link	

Showing 1 to 10 of 30 entries

Previous 1 2 3 Next