

ATLAS Tier-2 report

(last 30 days)

HammerCloud Statistics

- ANALY_CSCS-HPC: **93%** (96% previous 30 days)
- CSCS-LCG2-HPC_MCORE: **91%** (95% previous 30 days)
- ANALY_UNIBE-LHEP: 97% (94% previous 30 days)
- ANALY_UNIBE-LHEP-UBELIX: 97% (100% previous 30 days)
- UNIBE-LHEP_MCORE: **94%** (100% previous 30 days)
- UNIBE-LHEP-UBELIX_MCORE: 98% (100% previous 30 days)
- UNIBE-LHEP-UBELIX_MCORE_LOPRI: **93%** (99% previous 30 days)

Almost on target (>= 95% is OK)

Historic view for "panda_queues_all" from 10:49 10.09.2019 to 10:49 10.10.2019

Show entries Search:

PANDA queue	SITE Name	TIER	CLOUD	History plot time bin = 60 hours	offline		brokeroff		online		NoQueue		test	
					%	count	%	count	%	count	%	count	%	count
ANALY_CSCS-HPC	CSCS-LCG2	T2D	DE		6.78	2	0	0	90.02	9	0	0	0	0
ANALY_UNIBE-LHEP	UNIBE-LHEP	T2	ND		0	0	0	0	96.79	7	0	0	0	0
ANALY_UNIBE-LHEP-UBELIX	UNIBE-LHEP	T2	ND		0	0	0	0	94.29	11	0	0	2.5	4
CSCS-LCG2-HPC_MCORE	CSCS-LCG2	T2D	DE		6.78	2	0	0	88.49	11	0	0	1.53	3
UNIBE-LHEP-UBELIX_MCORE	UNIBE-LHEP	T2	ND		0	0	0	0	91.31	13	0	0	5.49	6
UNIBE-LHEP-UBELIX_MCORE_LOPRI	UNIBE-LHEP	T2	ND		0	0	0	0	89.38	15	0	0	7.41	10
UNIBE-LHEP_MCORE	UNIBE-LHEP	T2	ND		0	0	0	0	94.74	6	0	0	2.05	3

Showing 1 to 7 of 7 entries First Previous 1 Next Last

Statistics

Slots used:

4.55k CSCS, 3.12k UNIBE

WC (core hours):

3'811'111 CSCS (52%)

3'618'139 UNIBE (48%) - within 5% of Slurm reports

Good vs Bad WC:

54% CSCS, 70% UNIBE

CPU Eff good jobs:

67% CSCS, 56% UNIBE

Delivered vs pledged HS06:

53k vs 50k

39k vs 42k

Resource usage

Running vs installed:

CSCS: 63%

UNIBE: 70%, due to: power missing + weak ARC CE

VO shares at CSCS:

ATLAS:CMS:LHCb 44:26:30

ATLAS:CMS = 1.7 (should be 1)

ATLAS:LHCb = 1.4 (should be 2)

CMS:LHCb = 0.8 (should be 2)

Similar figures for the previous months (see f2f presentation)

Assuming CMS still has problem with job pressure, ATLAS:LHCb should be 2 (ATLAS job pressure OK, gaps correlated with other VOs due to general site issues)

RT ticket has been closed

Outstanding issue: we need to re-enable micro-priority between ATLAS jobs (--nice slurm option)