

ATLAS Site Status Board

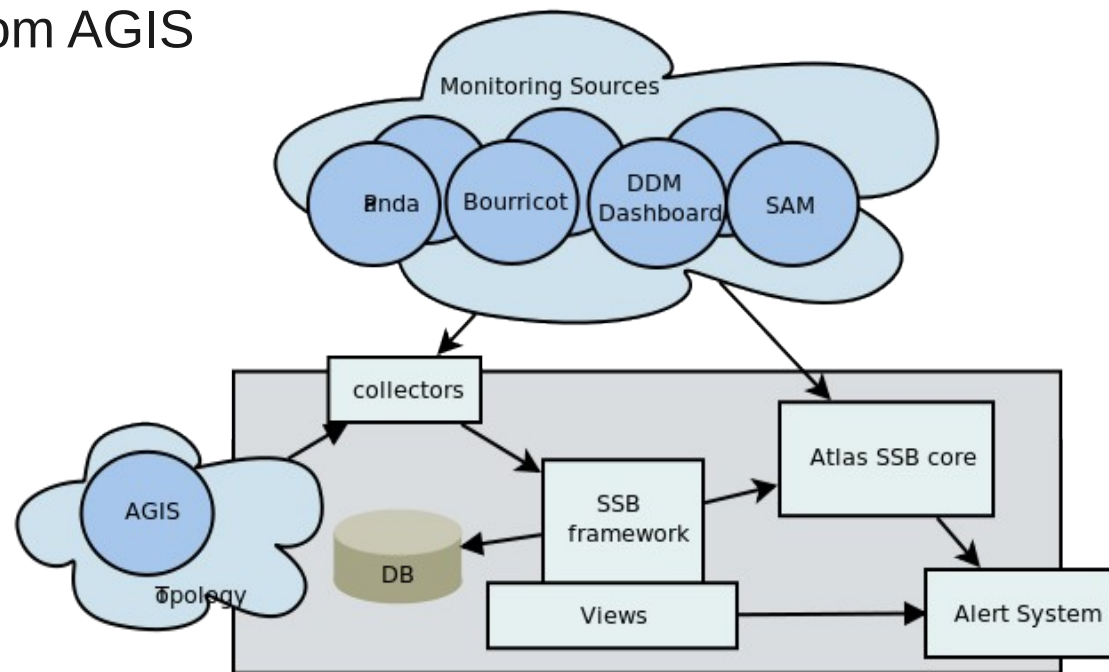
Status report

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ATLAS Site Status Board

- Monitor the overall status of the ADC activities in the sites
- Aggregates information from existing ADC monitoring tools
 - Does not substitute any of the existing monitoring tools
 - ATLAS naming convention from AGIS (alternate names provided)
 - Keep history of site status
- Provide alerts system
- Enable eventual automatic actions
 - Automatic site exclusion



- More information: paper submitted to the Ibergrid2011 conference: [ATL-SOFT-PROC-2011-039](#)

Recent updates - Dashboard SSB framework

Show **All** entries Copy Print Save Search...

Site Name	Downtime	DataManagement		DataAnalysis FunctionalTests		Panda Efficiency			Activity status now: Included- Excluded sites			Site info				
		DDM 4h	SRM SAM 12	AFT_LCG	AFT_Panda				DDM status	Cloudinfo	TierLevel					
RRC-KI	ACTIVE	100	100	100	100				online	NL	Tier-2					
RU-Provincia-HEP	ACTIVE	100	100	60	100				online	NL	Tier-2					
SARA-MATRIX	ACTIVE	93	100	100	n/a				online	NL	Tier-1					
SE-SNIC-T2	ACTIVE	100	100	n/a	n/a	100%	2	1145	online	ND	Tier-2					
SFU-LCG2	ACTIVE	100	100	100	100	100%	0	183	online	CA	Tier-2					
SIGNET	n/a	n/a	n/a	n/a	n/a	100%	0	621	online	n/a	n/a					
SWT2_CPB	ACTIVE	90	97	n/a	100	99%	12	1361	online	US	Tier-2					
TECHNION-HEP	ACTIVE	100	100	100	100	n/a	n/a	n/a	online	NL	Tier-2					
TOKYO-LCG2	ACTIVE	100	100	100	100	97%	72	2407	96%	89	2444	online	online	online	FR	Tier-2
TR-10-ULAKBIM	ACTIVE	100	100	n/a	100	n/a	n/a	n/a	95%	2	41	online	online	online	NL	Tier-2
TRIUMF-LCG2	ACTIVE	100	100	100	100	100%	6	1297	98%	21	889	online	online	online	CA	Tier-1
TW-FTT	ACTIVE	100	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	brokeroff	offline	blacklisted	TW	Tier-1
Taiwan-LCG2	ACTIVE	100	0	n/a	n/a	85%	154	1043	99%	26	4943	online	online	blacklisted	TW	Tier-1
UAM-LCG2	ACTIVE	100	100	100	100	n/a	n/a	n/a	97%	13	465	online	online	online	ES	Tier-2
UK-LT2-Brunel	ACTIVE	100	36	n/a	n/a	99%	2	260	n/a	n/a	n/a	online	n/a	online	UK	Tier-2
UK-LT2-IC-HEP	ACTIVE	100	n/a	n/a	n/a	0%	2	2	n/a	n/a	n/a	online	n/a	online	UK	Tier-2
UK-LT2-QMUL	SC-DOWN	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	offline	offline	blacklisted	UK	Tier-2

<http://dashb-atlas-ssb.cern.ch/dashboard/request.py/siteview?view=Shifter%20view>

- Sorting
- Filtering
- Show N entries (10, 25, 50, All) – current default: 25 entries
- Save snapshot (csv, excel, PDF), print

Recent updates - Dashboard SSB framework

RRC-KJ	ACTIVE	100	100	100	100	0%	1	1	95%	6	117	online	online	online	NL	Tier-2
RU-ProMino-IHEP	ACTIVE	100	100	60	100	n/a	n/a	n/a	100%	1	832	online	online	online	NL	Tier-2
SARA-MATRIX	ACTIVE	93	100	100	n/a	100%	0	7	98%	38	1855	online	online	online	NL	Tier-1
SE-SNIC-T2	ACTIVE	100	100	n/a	n/a	100%	2	1145	95%	36	782	online	n/a	online	ND	Tier-2
SFU-LCG2	ACTIVE	100	100	100	100	100%	0	183	99%	7	904	online	online	online	CA	Tier-2
SIGNET	n/a	n/a	n/a	n/a	n/a	100%	0	621	88%	587	4825	n/a	n/a	n/a	n/a	n/a
SWT2_CPB	ACTIVE	90	97	n/a	100	99%	12	1361	99%	5	881	online	online	online	US	Tier-2
TECHNION-HEP	ACTIVE	100	100	100	100	n/a	n/a	n/a	99%	2	140	test	online	online	NL	Tier-2
TOKYO-LCG2	ACTIVE	100	100	100	100	97%										
TR-10-ULAKBIM	ACTIVE	100	100	n/a	100	n/a										
TRIUMF-LCG2	ACTIVE	100	100	100	100	100%										
TW-FTT	ACTIVE	100	100	n/a	n/a	n/a										
Taiwan-LCG2	ACTIVE	100	0	n/a	n/a	85%										
UAM-LCG2	ACTIVE	100	100	100	100	n/a										
UKH-LT2-Brunei	ACTIVE	100	36	n/a	n/a	99%										
UKH-LT2-IC-HEP	ACTIVE	100	n/a	n/a	n/a	0%										
UKH-LT2-QMUL	SC-DOWN	100	n/a	n/a	n/a	n/a										
UTA SWT2	ACTIVE	100	0	n/a	n/a	100%										
WEIZMANN-LCG2	ACTIVE	100	58	100	100	0%										
WT2	ACTIVE	95	0	n/a	100	n/a										
ifae	ACTIVE	100	100	100	100	91%	1	11	98%	27	1255	online	online	online	ES	Tier-2
pic	ACTIVE	36	100	100	100	99%	2	386	99%	22	1572	online	online	online	ES	Tier-1
praquelcg2	ACTIVE	100	100	80	100	100%	0	303	99%	1	77	online	online	online	DE	Tier-2

Link to view

URL: <http://dashb-atlas-ssb.cern.ch/dashboard/request.py/siteview?view=Shifter%20view>

Copy to clipboard Minify URL OK

<http://dashb-atlas-ssb.cern.ch/dashboard/request.py/siteview?view=Shifter%20view>

- Book-markable URL, shortened URL
- Improved color codes for downtimes
- Full-screen view

Recent updates – ATLAS SSB

- Migration of sensors to a new SLC5 machine at CERN
- SRM SAM metric replaced by SRM Nagios metrics
- Introduced Panda efficiency metric
- Continuously implementing feature requests from ADCoS, Cloud Squads feedback
 - Improving metrics
 - Improving notifications
- **Feedback request:** Do we need AFT_LCG metric?

Work in progress

- Granularity of DDM spacetokens
 - Defined activities (e.g. Data processing, Distributed analysis)
 - For each activity defined list of spacetokens → exclusion
- Framework performance issues
 - In close contact with Dashboard SSB devs, prompt response to our requests!

Site exclusion plans

- Various sensors/metrics available
 - Easy to add more metrics
- Site Exclusion Policy document - [ADCOpsSiteExclusion](#)
 - ADC document, other subsystems should update it!
- Graeme's student, Michael Wright, developed a tool to exclude queue from data processing activities based on a scheduled downtime of a DDM spacetoken
 - Integration discussion ongoing
- ATLAS SSB qualification task – develop pilot-based tests of WNs/CEs
- We're on a good way to put everything together and exclude sites automatically
 - ATLAS SSB plays crucial role in correlation of the various ADC activities

Questions?

Contact ADC SSB developers

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