



SiteMon migration to CRIC

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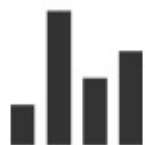
SiteMon: a reminder

Newest iteration of SAM (Site Availability Monitoring)

- Result of the migration of SAM3 into MONIT (August 2020)
- Fully driven by topology (ignores ETF/Monalisa tests if they are not described in the topology source)
- Based on profiles (algorithm combining endpoints/flavours status)
- New information [website](#)
- New Grafana powered set of [dashboards](#)

WLCG SITEMON

Monitoring for the WLCG Sites Infrastructure



Dashboards

WLCG MONIT dashboards



Reports

WLCG site availability and
reliability reports



Profiles

Check the current active
profiles



Recomputations

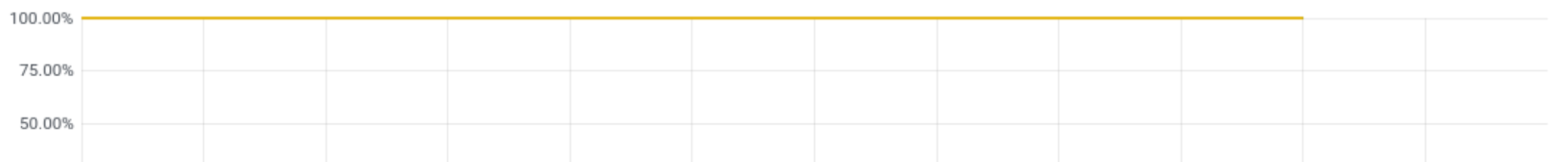
Take a look at how to send
corrections for the site results

This dashboard shows the availability, reliability, and status computation from ETF tests. To use it:

1. Apply the desired selection using the filters on top (dashboard will also load faster).
2. Click on "Availability & Reliability", "Site Status", "Endpoint Status", or "Test Status" to see results. Scroll up/down for more results.

▼ Availability & Reliability

Site ↑	Availability	Reliability
CERN	100.00%	100.00%



SiteMon Migration

Effective since the 29th of April

Thanks a lot CRIC team and experiments representatives for the hard cross-work

Few changes from the SiteMon job:

- Get topology from WLCG-CRIC APIs only
- Make use of the new CRIC fields

Topology sources B.C (Before CRIC)

VO	Topology	Report filter
ALICE	wlcmg-sam-alice / monit-wlcmg-sitemon	-
ATLAS	atlas-agis-api	etf-atlas-prod
CMS	cmsst	cmsst
LHCb	lhcb-portal-diract	lhcb-portal-diract

Topology sources A.C (After CRIC)

VO	Topology	Report filter
WLCG	wlcg-cric	New CRIC "in_report" flag

How CRIC is used from SiteMon

- **One CRIC instance:**
 - WLCG-CRIC
- **Two APIs:**
 - Rcsite and Service
- **Service API as the main point**
 - We get all services and protocols from the Service API
 - We enrich them with Site information from the Rcsite API following the usage fields in both APIs
- **New “in_report” flag**
 - Available for services and sites (Site will take precedence over service)
 - Used to whitelist which tests are used to generate A/R for “CRITICAL” profiles

New support model

In case of wrong results in the SiteMon dashboard

- **Check CRIC APIs for data correctness**
 - In case data is not the expected, contact CRIC team to check the situation
 - Otherwise contact MONIT through [SNOW](#)

Q & A



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