



# ATLAS T2 Site Categorization: “the” proposal

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# ATLAS Site Availability Performance (ASAP)

- We do have a metric to measure the analysis usability
  - Reliable metric to test the full site functionality
  - Will be described in details tomorrow morning

ASAP summary:

- We do have instructions for sites

<https://twiki.cern.ch/twiki/bin/viewauth/AtlasComputing/ATLASSiteCategorization>

- We do have possibility to recompute in case of special issue

- We are recording data since few months <http://cern.ch/go/N8xD>

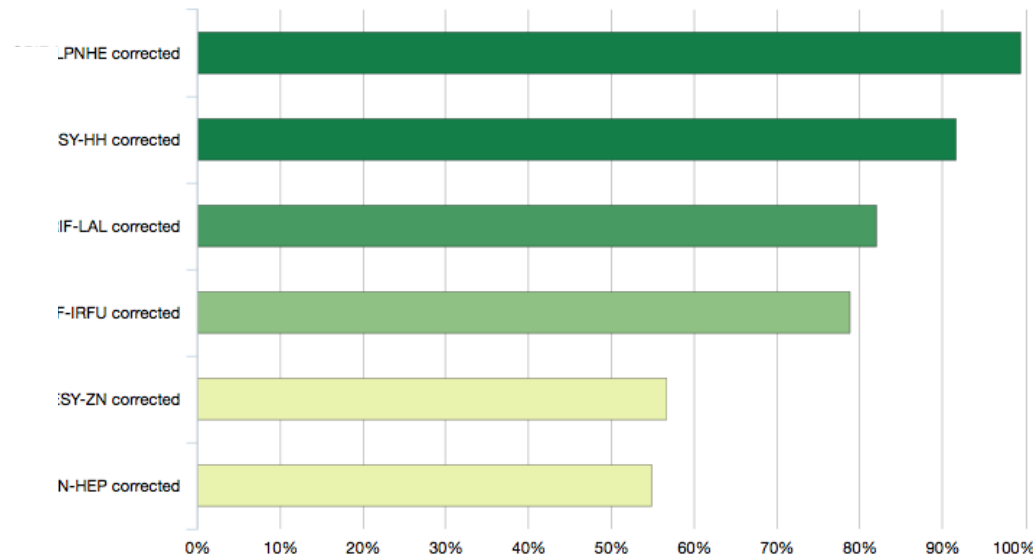
View	Time range	Site Groups	Profiles
Site Availability	Last Month	Tier2s	ATLAS_AnalysisAvailability
Plot	Granularity	Sites	Algorithm:
<input type="radio"/> Quality Plot <input checked="" type="radio"/> Ranking Plot	Default	All Sites AGLT2 Australia-ATLAS BEIJING-LCG2	@SiteAvailability
<input type="checkbox"/> Show values before corrections			
<input type="button" value="Show Results"/>			

Algorithm for calculating the Site and Service Availability

[Link to data](#)

## Site Availability using ATLAS\_AnalysisAvailability

720 hours from 2014/11/05 to 2014/12/04



# T2 categorization proposal

## in a nutshell

- Presented at ICB
  - <https://indico.cern.ch/event/301690/> and <https://indico.cern.ch/event/330737/>
- Sites below 80% of *ASAP* over the past 3 months are not effective for ATLAS
  - ICB should contact the Funding agency to investigate the issues and understand the possible actions foreseen to improve the situation
  - If the situation persists for another trimester:
    - Remove the capacity (CPU and Storage) provided by that site from ATLAS available disk space: site will never be able to match the 95% MoU yearly average availability
    - Disable the storage from data distribution: ATLAS will use the site as a Tier3
  - If the situation persist for one full year ICB should consider to recommend WLCG to reconsider the MoU

# Plan

- We would like to start categorizing the sites as we propose starting from the 1<sup>st</sup> of January 2015
- Underperforming sites will be reported to ICB in April