



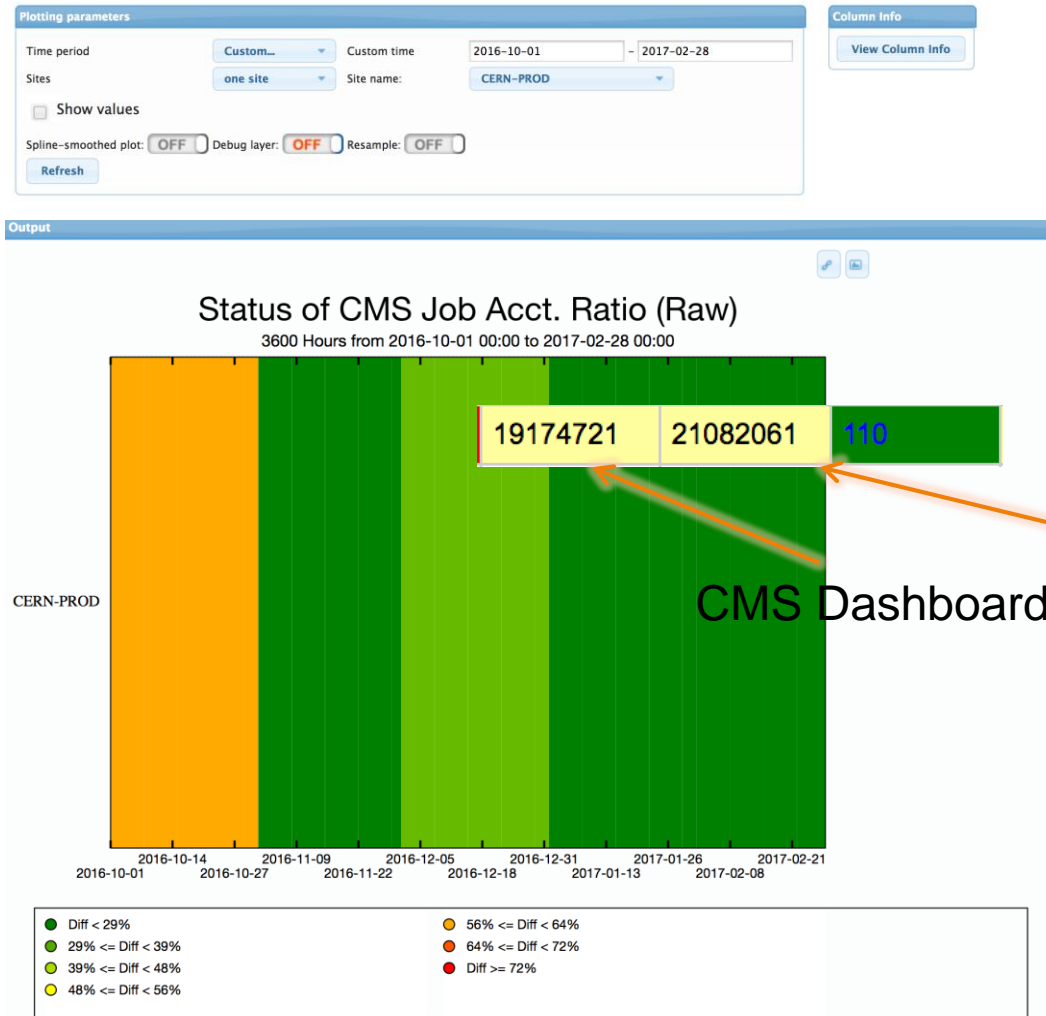
Comparison of CERN data in the EGI portal with experiment specific systems Meeting 09.03.2017

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Validation

- Some fixes were introduced in CERN generation of the accounting report in order to cover all resources
- Data was re-fed for January, February
- Comparison for ATLAS and CMS is available in the accounting validation view in SSB
- For ALICE and LHCb need to re-fill data into SSB, since currently there is no automatic collector in place
- Pretty good agreement for wallclock time on the level of 10-13%. For wallclock work agreement is not good. (1.45 ATLAS, 2.55 CMS) Need to investigate more, most probably the factor used for normalization and published in REBUS needs to be fixed.

Comparison with CMS dashboard data



Comparison with ATLAS Dashboard data

Plotting parameters

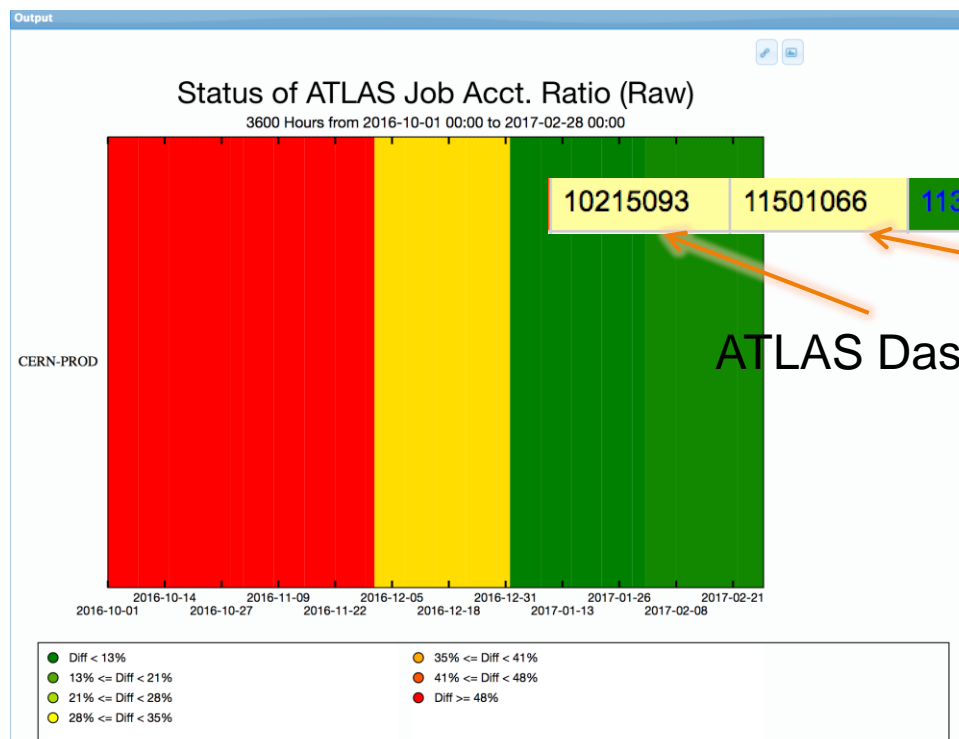
Time period: Custom time: 2016-10-01 - 2017-02-28

Sites: Site name: CERN-PROD

☐ Show values

Spline-smoothed plot: ☐ OFF Debug layer: ☐ OFF Resample: ☐ OFF

Column Info



ATLAS Dashboard EGI Portal

Manual update of CPU in REBUS is no longer needed

- Accounting portal does not use CPU data manually updated in REBUS any more for generation of the accounting reports
- There is an additional nice feature available in the EGI portal for CERN – possibility to classify by different type of CERN resources using ‘Submit node’ attribute:

Metric: Start Time: End Time:

Row Variable: Column Variable:

VO Filtering: ☒ LHC ☐ TOP 10 ☐ ALL ☐ EGI Official ☐ Custom VO Selection

Job submission type: ☐ Global Jobs Only ☒ All Jobs ☐ Local Jobs Only

This view shows the accounting data from all Grid Sites that are classified as WLCG Tier1 in Node CH-CERN. Only production certified Sites are included. The metric shown is SUM Wallclock Work HS06 Days, grouped by Submit Host and Month, LHC VOs are shown.

Node CH-CERN — SUM Wallclock Work HS06 Days by Submit Host and Month (LHC VOs)

Submit Host	Jan 2017	Feb 2017	Mar 2017	Total	Percent
cloud	9,099,905	8,687,713	2,628,938	20,416,556	32.74%
condor	3,067,722	4,968,440	1,228,708	9,264,870	14.86%
lsf	16,160,768	13,454,489	3,057,490	32,672,747	52.4%
Total	28,328,395	27,110,641	6,915,136	62,354,172	
Percent	45.43%	43.48%	11.09%		

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