Blas and HEP_OSlibs

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ADC weekly

13 February 2018

Request

- A new dependency was introduced in the ATLAS software which requires BLAS (vector linear algebra subroutines) libraries.

- The libraries rpms have been inserted in the latest version of the HEP_OSlibs metarpm both for SL6 and CentOS7.

  - HEP_OSlibs_SL6-1.1.4-1.el6.x86_64.rpm

  - HEP_OSlibs-7.2.5-1.el7.cern.x86_64.rpm

- Sites are required to upgrade to these versions on HEP_OSlibs

Reasons

- Dependency was in the VO ID card for a while

  - https://operations-portal.egi.eu/vo/view/voname/atlas

- Not all sites installed it.

  - Few weeks ago users jobs started to fail until it became a noticeable problem.

    - Users jobs are compiled on the WNs this is why the libraries are needed.

      - Blas-devel may be needed for this too

  - Request to add the libs to HEP_OSlibs so it gets installed when sites update

  - WLCG HEP_OSlibs baseline will be updated too!

    - https://twiki.cern.ch/twiki/bin/view/LCG/WLCGBaselineTable

Why not CVMFS

- HEP_OSlibs is a well established metarpm containing all the OS dependencies the experiments need.

  - Experiments didn't want to maintain these dependencies in CVMFS. And still don't.

- Containers images in the future will resolve this problem because an image contains the whole OS

  - No need to put work for now to add the dependencies in CVMFS

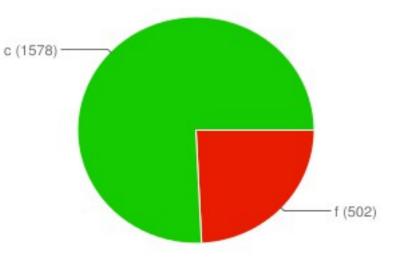 - Still we need to polish the procedure to update the images as they were affected too!

HammerCloud

- There is now an HC test to check the analysis queues (Thanks Jarka!)

- http://hammercloud.cern.ch/hc/app/atlas/template/974/

- Latest test still running

  - http://hammercloud.cern.ch/hc/app/atlas/test/20113844/

- Thanks to all the sites that updated as quickly as they could!

  - Previous test completed yesterday

    - About 25% of the tests still failing

Overall.

c (1578)

f (502)