FIFE Meeting

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20th December 2024

Agenda

- **FIFE News**

- **Experiment Production/Operations Updates**

- **Open Discussion/AOB**

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News

- **jobsub**
  - **Release 1.9 has been deployed for two weeks**

  - **This release includes a new flag, --gpu, that allows users to request that GPUs be made available to their job.**
    - ‣ This flag is currently not working for onsite jobs due to infrastructure issues that are being addressed
    - ‣ A separate announcement will be made when this flag can be used for onsite jobs.
    - ‣ To use the flag to submit jobs offsite, use the following form:

      jobsub_submit -G <experiment> --offsite --gpu 1 <other_args> file:///path/to/executable <executable_args>
    - ‣ The above example would request 1 GPU at an offsite worker node. This flag does not constrain the properties of the GPU being requested, only the number of GPUs. For help with formulating more detailed GPU requests, please submit a Service Desk ticket to be routed to the Distributed Computing Support Group.

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News

- **Wilson Cluster Data Removed from FERRY**
  - **All WC data will be archived in January (it will still be in the DB but in back tables that are not available to users)**
  - **It will be moved to a file it after a few months, once we are convinced that the data is not longer needed in the DB**

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News

- **MariaDB Production Databases will be upgraded January 7th**
  - Following databases will be upgraded to MariaDB 10.11: voms, webdoc, docdb, wordpress, webgarden, astro, expdb
  - There will be outages of VOMS, many but not all docdb, some wordpress and mediawiki, and some experiment DB
  - During the upgrade, the following types of websites will be unavailable: non-public Fermilab WordPress websites, all Fermilab MediaWiki websites
  - jobsub and IFDH will have a degradation (users can add the --auth-methods token flag to their job submissions, or IFDH_TOKEN_ENABLE=1; IFDH_PROXY_ENABLE=0 to their IFDH commands, to disable proxy obtaining)
  - Change window is 5:30AM to 10AM but not all databases will be down at same time

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News

- **Reduced Service Levels During the Holiday Break December 21st - January 5th**
    - Service levels for all computing services will be reduced during the holiday break
    - Some staff will be working, but most will not be
    - Available staff will address issues as best they can

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Experiment Production/Operations Update

- **Open Discussion**

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Open Discussion and AOB

Happy Holidays to All!

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