DUNE signoff

Raja Nandakumar

Science & Technology Facilities Council

Introduction

- Computing effort not yet mature
  - Computing model not yet finalised
  - Metrics and plots not yet readily available
    - Still understanding / rationalising different sources
  - Running off shared instances
    - Job submission and monitoring
    - FIFE, UCSD glide-submission, ...
- Computing consortium working on improving the situation
- Running much fewer jobs than expected
  - Known issue
- RAL overall running quite well for DUNE
  - Many thanks!

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DUNE jobs summary

- Most jobs are multi-core
  - 8-core jobs at RAL
  - Lots of TensorFlow usage
- Software not yet mature enough to run all needed simulations
  - Still too bloated to run on the grid
- Too little computing manpower
    - Spread too thin to worry about smaller details
- glide-in WMS not yet properly tuned for RAL
  - Ticket opened

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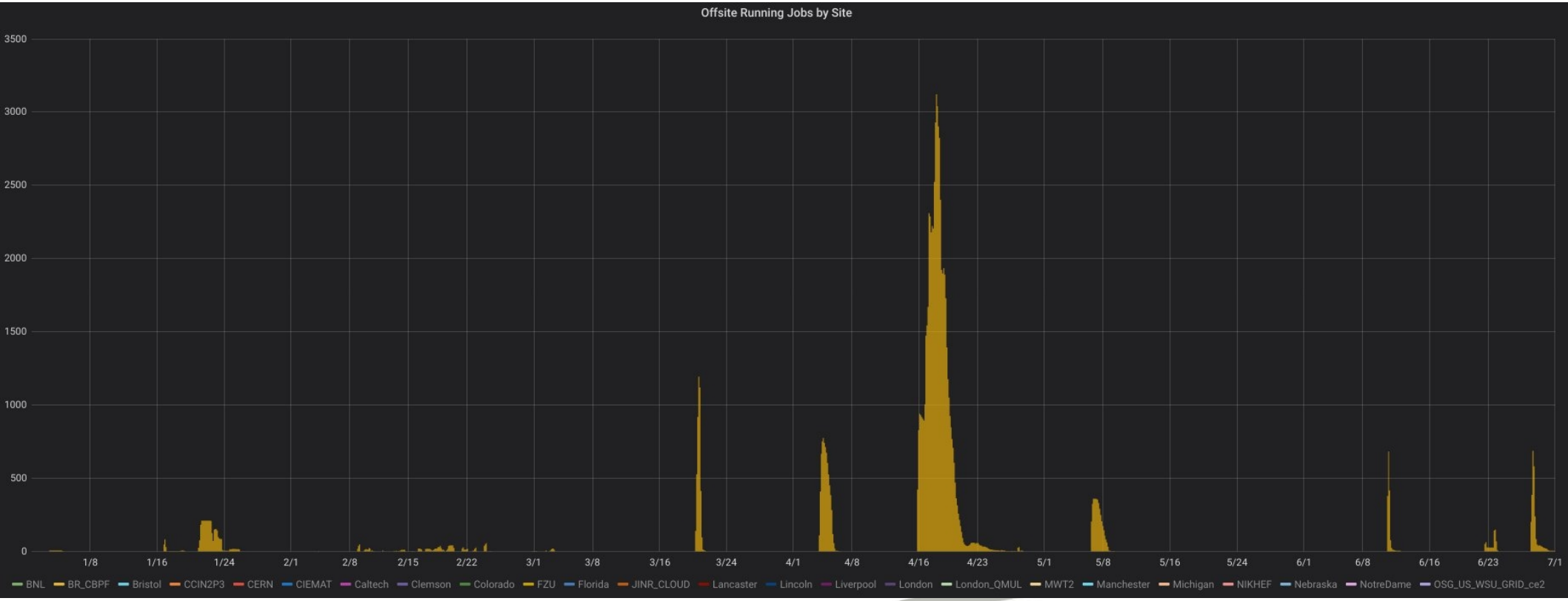
CPU used at RAL : FIFEMon



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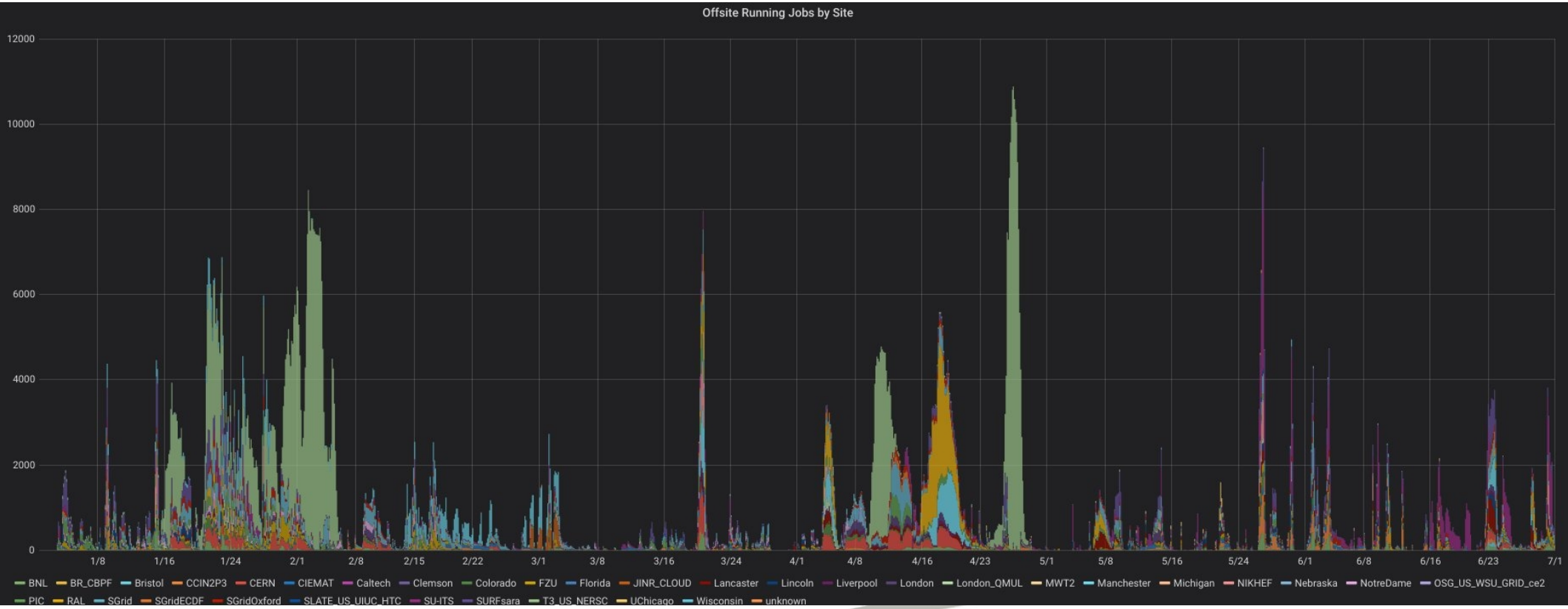
CPU used at all sites : FIFEMon



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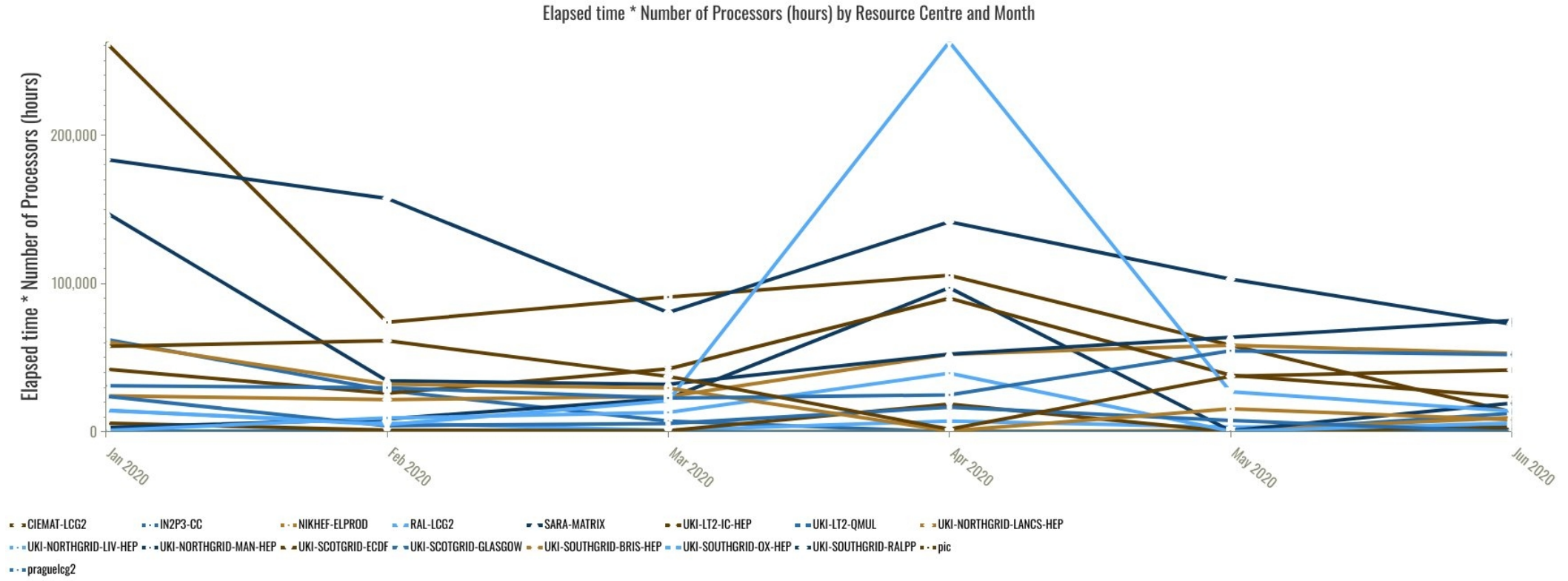
CPU used from EGI Accounting



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Storage used at RAL

- From DUNE rucio

  $ rucio list-rse-usage RAL_ECHO

  USAGE:

  ------

  files: 179635

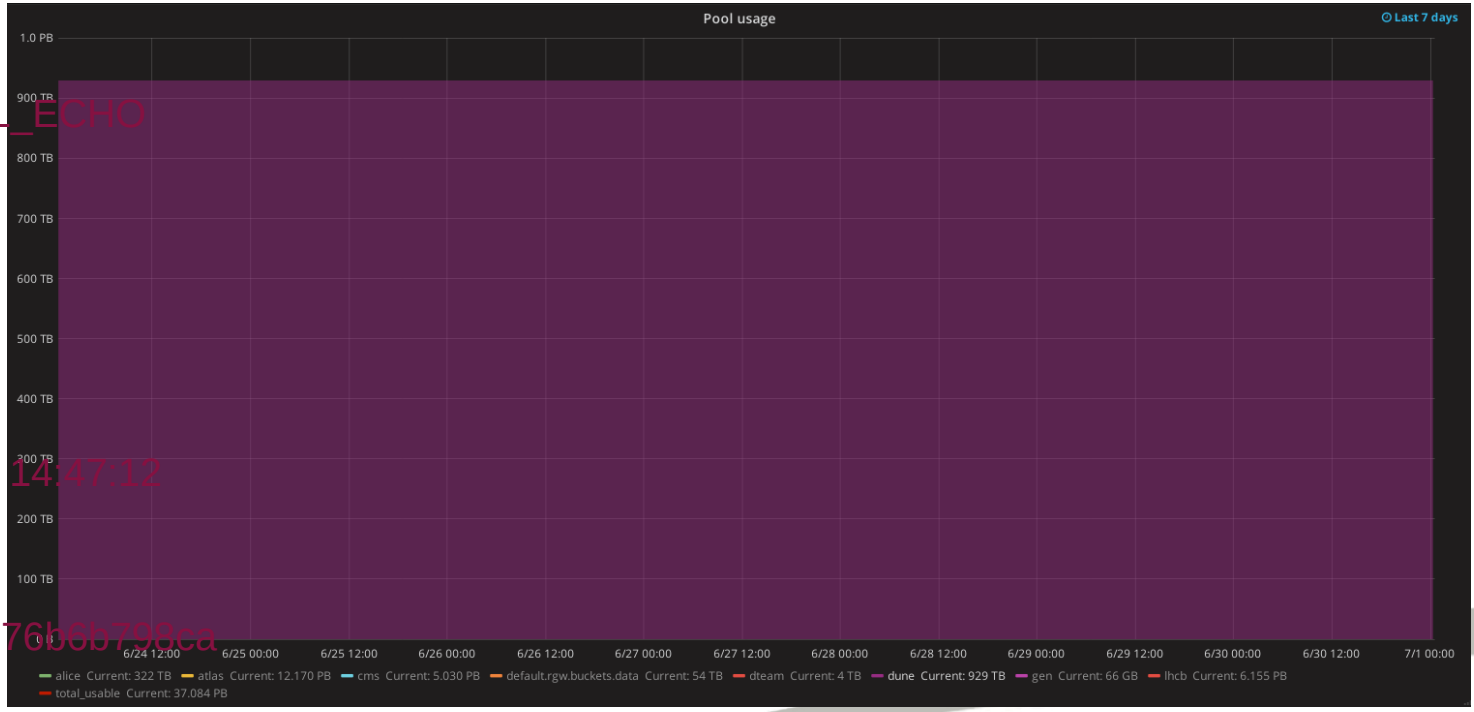
  used: 929.012 TB

  rse: RAL_ECHO

  updated_at: 2020-04-17 14:47:12

  source: rucio

  rse_id: 74b1c7c3d91f4afd9df68e76b6b798ca



- Note : Allocation 1PB

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