PDSF User Meeting

December 3, 2013

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Utilization
Past Outages

• Hardware
  – November 12\textsuperscript{th} – 15\textsuperscript{th}: Mendel nodes offline for recabling

• Rolling Upgrades
  – November 6\textsuperscript{th} (8:00 am – 10:00 am): Rolling upgrade of kernel and GPFS on interactive nodes.
  – November 20\textsuperscript{th}: Daya Bay nodes
  – November 21\textsuperscript{st} and 25\textsuperscript{th}: pstarxrd[1-2]
  – November 26\textsuperscript{th}: Rolling upgrade of PDSF Data Transfer nodes
Planned Outages

- Possible project outage sometime in January
- eliza 3, 8, and 9 are going to be mounted read-only in the near future and removed by December 16
Other Topics from PDSF Staff

- **New Hardware**
  - Newest Mendel rack is in place
    - Brings total cores to 2632 (2496 not counting debug queue)
  - New interactives available for testing
    - Testers would be appreciated, but not intended for general use
    - ssh pdsf6, pdsf7, pdsf8

- **Scratch free is now a consumable resource**
  - Now checks if other users have asked for scratch space on a node

- **Multi core jobs revived on PDSF**
  - qsub -pe single X <job_name>
Topics from the Users