PDSF User Meeting

December 2, 2014
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Utilization
Past Outages

- 11/11/14 (all day): PDSF/NERSC maintenance
- 11/18/14 (6 hours): project unavailable
Planned Outages

• None
New Nodes in Place

- **13 new Mendel nodes now running jobs**
  - IvyBridge processor, 64 GB / node, 20 cores / node
  - Numbered 1306 – 1318
  - Total number of cores in PDSF is ~2700

- **New short.q on three new Mendel nodes**
  - Intended to replace debug.q which is not being moved to the hill
  - 30 minute time limit
  - Shared with LUX nodes, LUX jobs have priority
  - `qsub -l debug=1 <script>`
Topics from the Users
U-Hunting

• Old PDSF homes are mounted read only
• Need to be removed eventually (no date yet)
• Any reference to “/u/” or “/home” will fail once this happens
• Please replace these with “$HOME” or /global/homes/....
• The entire SL53 software stack is located on old PDSF homes
  – Must be relocated
  – Don’t expect any issues, but please let us know if something stops working