Agenda

- Evaluating Lync/Skype for Business.
- Changes and Recent Events
- Utilization and Usage
- Opportunities
- PUBLICATIONS!
Recent and Future Changes

• Programming Environment change (3/28).
  • Discovered some inconsistencies in update procedure.
  • Some package defaults pointed to older versions. (FIXED)
• Discounts
  • Two charge factor discontinued: backfill and wall clock accuracy (3/28).
  • Preemptee and flexible again distinct (4/14)
• Scheduler changes (PROPOSED)
  • two-node minimum
  • limit number of jobs running per user
Recent Events (since last User call)

• No outage events.
• Ongoing issue with login node stability
  • Some workloads result in hung processes, requiring node to be rebooted.
  • Working to isolate.
• Similar issue on compute nodes
  • Wider range of workloads.
  • Providing work-arounds.
Usage, Utilization and other Items

- Utilization since last BW User Call (Mar 27)
**Backlog**

- Since BW User Call 03/28
- Vertical axis in units of **nodes**. Colors are different users.
- Red below the x-axis indicates unreserved nodes.
- Blue below the x-axis indicates draining.
Workload Details

- Data combines XE and XK jobs.
- Since last BW User Call (Mar 27)
- Single node jobs drop to 5th place.
Blue Waters Weekly Webinar Series

- Started Wednesday, March 1. Webinars will begin at 10 a.m. Central Daylight Time.
- “Kepler Scientific Workflow System” will take place April 26th, 2017.
- For more information about the webinar series, including registration, abstracts, speakers, as well as links to Youtube recordings, please visit the Blue Waters webinar series webpage.
Request for Science Successes

• We need to be current on products that result from time on Blue Waters such as:
  • Publications, Preprints (e.g. arXiv.org), Presentations.
  • Very interested in data product sharing.
• Appreciate updates sooner than annual reports.
  • Send to gbauer@illinois.edu
• NSF PRAC teams send information to PoCs.
• See the Share Results section of the portal as well.
• Be sure to include proper acknowledgment
  • Blue Waters - National Science Foundation (ACI 1238993)
  • NSF PRAC – OCI award number