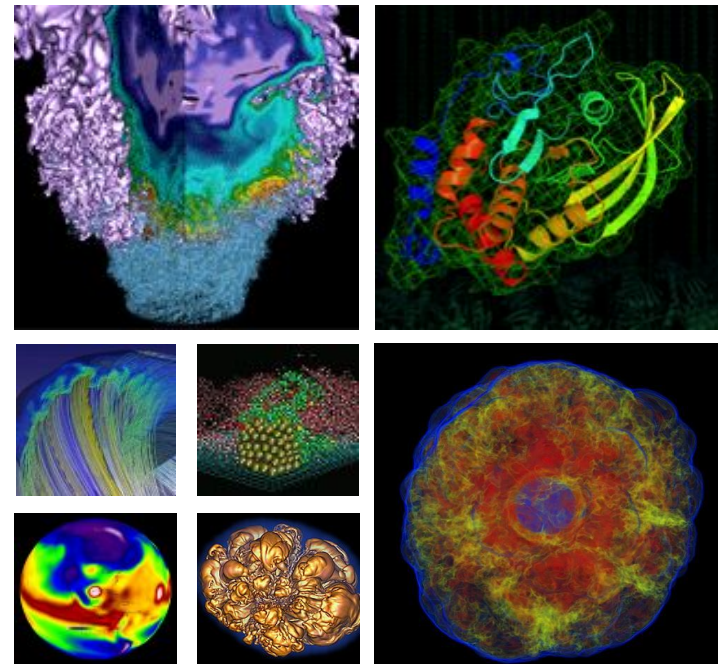


NUG Monthly Meeting



16 December, 2021

Today's plan



- Interactive - please participate!
 - Raise hand or just speak up
 - [NERSC User Slack](#) (link in chat), **#webinars** channel
- Agenda:
 - Win-of-the-month
 - Today-I-learned
 - Announcements/CFPs
 - Topic of the day: **Preparing for AY22** with Helen He
 - Coming meetings: topic suggestions/requests?
 - Last month's numbers

Win of the month



Show off an achievement, or shout out someone else's achievement, e.g.:

- Had a paper accepted
- Solved a bug
- A scientific achievement (maybe candidate for Science highlight, or **High Impact Scientific Achievement award**)
- An **Innovative Use of High Performance Computing** (also a candidate for an award) (<https://www.nersc.gov/science/nersc-hpc-achievement-awards/>)

Please let us know of award-worthy work from you or your colleagues - tell us what you did, and what was the key insight?

Today I learned



What surprised you that might benefit other users to hear about?
(and might help NERSC identify documentation improvements!)

Eg:

- Something you got stuck on, hit a dead end, or turned out to be wrong about
 - Give others the benefit of your experience!
 - Opportunity to improve NERSC documentation
- A tip for using NERSC
- Something you learned that might benefit other NERSC users

"If we knew what it was we were doing, it would not be called research, would it?" -
Einstein

Announcements and CFPs



See weekly email for these and more:

- ALCC Pre-proposals due Friday (tomorrow)
- Federated ID pilot - LBL users can access NERSC web-based resources using the LBL identity
- Winter holiday shutdown - Dec 24 - Jan 3 - No consulting, limited account support
- AY Transition (more on this in a moment) - Jan 19, 2022

Perlmutter Announcements



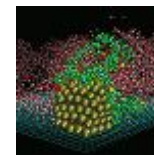
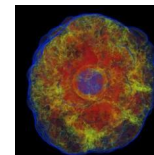
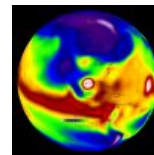
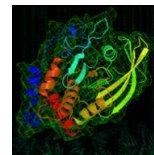
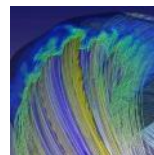
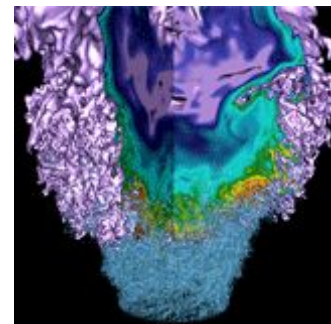
- Perlmutter User Training January 5-7, 2022 - see <https://www.nersc.gov/users/training/events/using-perlmutter-training-jan2022/>.
- Nvidia HPC SDK training January 12-13, 2022 -see <https://www.nersc.gov/users/training/events/nvidia-hpcsdk-training-jan2022/>
Nvidia compiler is the default and recommended compiler for Perlmutter GPU
- Users with GPU-ready workloads can [request access to Perlmutter by filling out this form](#)
- Prepare your dotfiles for Perlmutter!
 - \$HOME is shared across both systems, but each system has its own modules (and module system), etc
 - Check \$NERSC_HOST before making system-specific settings in your .bashrc / .cshrc

Announcements and CFPs



- Please participate in the **NERSC Annual User Survey!** Look for an email (a couple of weeks ago) from NERSC@nslresearch.com for your survey link
- Applications for DOE Computational Science Graduate Fellowship are now open
 - For first- and second- year PhD students
- Nominate someone for the James Corones Award in Leadership, Community Building & Communication
 - Mid-career scientist or engineer making an impact in leadership, community building, and scientific communication
- Others?

Preparing for AY22



Coming up



January: (tentatively) A presentation of some of the work of one of our regular participants

Also coming soon:

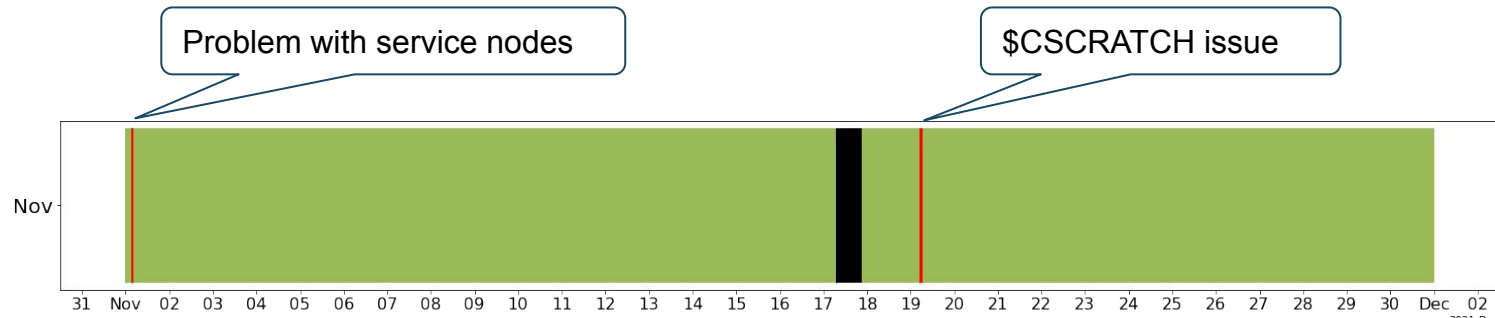
NERSC docs

We'd love to hear some lightning talks **from NERSC users** about the research you use NERSC for!

Last month's numbers - Nov



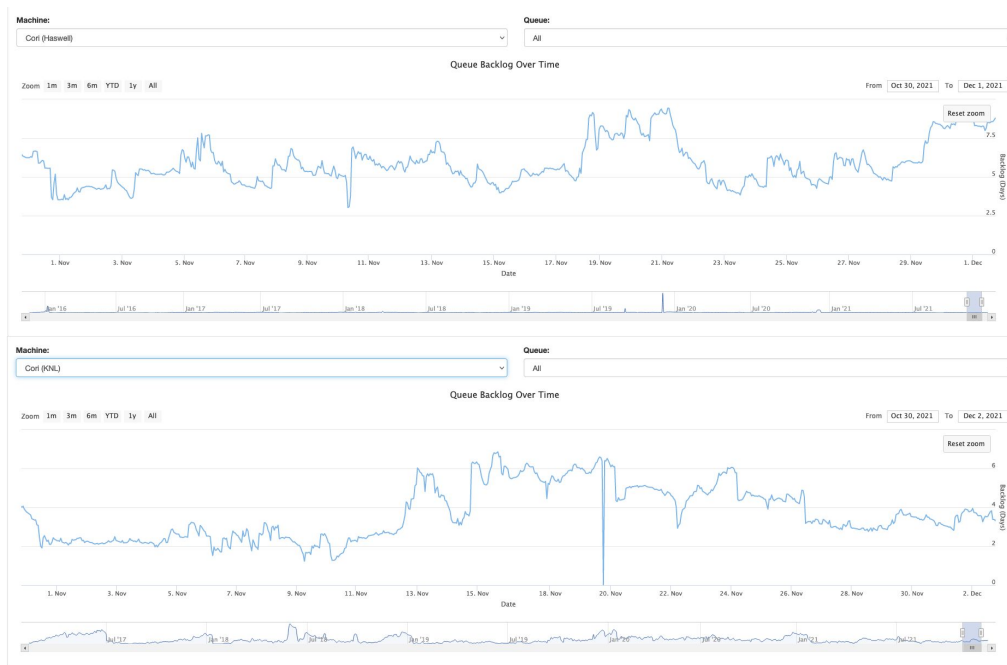
Cori: 3 outages (2 unscheduled totaling 3 hrs 0 min)



Last month's numbers - Nov



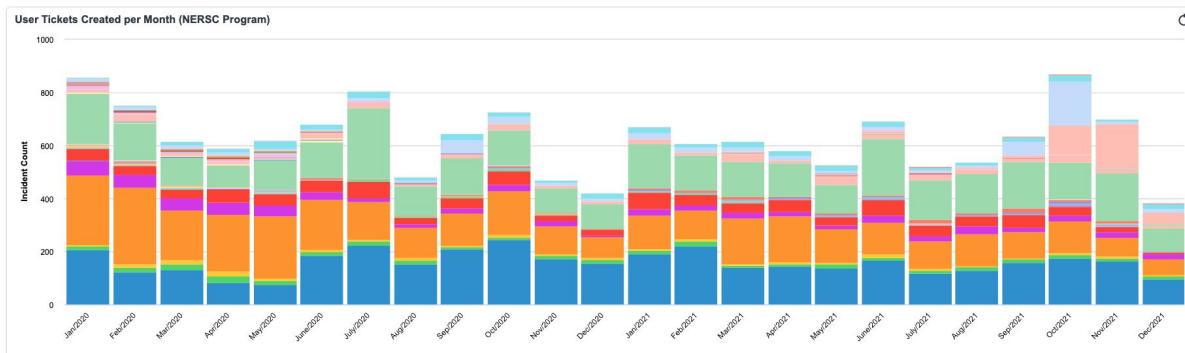
Cori queue backlogs:



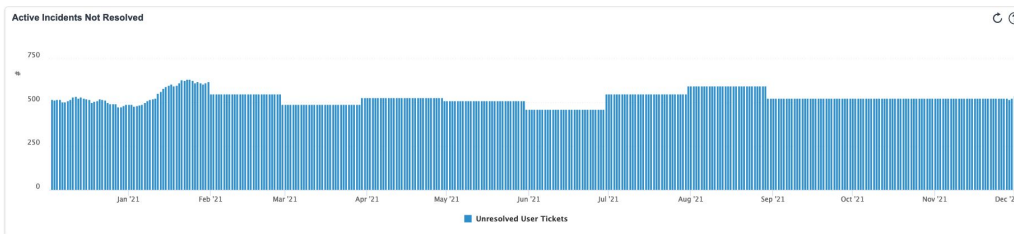
Last month's numbers - Nov



New tickets:



Active/open tickets:





Thank You



U.S. DEPARTMENT OF
ENERGY

Office of
Science

