



Meeting of the Technical Steering Committee (TSC) Board

Wednesday, May 5th, 2022
11:00am ET

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Agenda/Updates

- Announcements, upcoming talks and deadlines
 - ISC'22 BoF – Hamburg
 - Accepted
 - PEARC'22 BoF – Boston
 - Submitted
 - Thanks Derrick, Jason and Eric!
 - SC'22 BoF – Dallas
 - BoF deadline July 1
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- Membership Updates
- GitHub Actions Update and Discussion
- Mentorship submission
- Release Schedule and Planning
- SLURM Power Savings Demo – Jason W.

OHPC Membership Updates

- Lenovo updates
 - A different Lenovo group has decided to continue their membership
 - Lenovo will provide additional hardware for testing
 - 5 servers with 40 cores and 256 GB of RAM
 - VM-based server for infrastructure and storage
- Huawei membership updates
 - Huawei requested the following:
 - Add Huawei's ARM-based Kunpeng server into the hardware verification list
 - Add Linux distribution – openEuler into the OS verification list
 - OpenHPC release the package that verified on openEuler + Kunpeng
 - Status of the follow up:
 - Huawei has provided me access to 6 VMs for testing
 - OpenEuler is not a RHEL clone
 - Inviting OpenEuler team to attend a future TSC meeting to discuss

GitHub Actions Update and Discussion

- **Development and Maintenance Process Changes**
- Adrian R. getting Maintainer privileges on main OHPC GitHub repo
- Updated CI to automatically rebuild an RPM if a spec file was submitted with a change
 - Builds all three mpi variants if needed
 - Tested with compiler dependent and mpi dependent packages
- Use dnf instead of yum and its plugins #1418
 - <https://github.com/openhpc/ohpc/pull/1418>
 - This PR is aimed to replace yum and its utilities: yumdownloader, yum-config-manager and yum-builddep in favor of dnf

OHPC Mentorships

- Neal and Chris S. submitted the openings to the LFX mentorship portal
- <http://bit.ly/ohpcmentorship2022>
- Chris D., Reese, Richard, Karl, Chris S. have volunteered
- Deadline for applying is May 27, 2022
- Please let people know who you think would be appropriate!
- Proposed Topics
 - Improving spack / easy build integration
 - Monitoring replacement for ganglia
 - Jetson test cluster instructions
 - Alternate cloud provider recipes
 - AWS activities including EFA benchmarking and/or bare metal pxeboot provisioning

Release Schedule and Planning

- SingularityCE vs Apptainer?
- Versions
 - 1.3.10
 - 2.5
 - Cloud recipe
- New component
 - Hpc-workspace
 - <https://github.com/holgerBerger/hpc-workspace>
- GitHub ticket cleanup

SLURM Power Savings Demo