



Meeting of the Technical Steering Committee (TSC) Board

Wednesday, Aug 12th, 2020
11:00am ET

Meeting Logistics

- <https://zoom.us/j/556149142>
- United States : +1 (646) 558-8656
 - Meeting ID: 556 149 142

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Agenda/Updates

- Announcements/deadlines:
 - SC'20 BoFs: ~~Due July 31, 2020~~, Extended till August 14, 2020
 - updated request for 1 ½ hour version has been submitted
 - Wednesday: 5:15pm - 6:45pm
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- Cloud working group
- Mentorship program call for participation
- A few 2.0 related updates

OHPC Cloud Working Group Updates

- PEARC postmortem yesterday identified a few issues
 - Website sanity check / updating pass (Chris S.)
 - Need a better mechanism to assist users with cluster problems during tutorial
 - Will explore using SSH public keys for the centos/admin account
 - Anything else?
- We will use the same infrastructure for SC as well
- Additional EventEngine features will be explored

Next Steps towards a release

- Chris D. is working on an AWS blog post, updating his scripts to use OpenHPC and looking at PBS
- Chris S. will test OpenSUSE Leap and ARM support
 - Has anyone tried 2.x with Leap 15.2?
- Karl is thinking about how to integrate this into our existing CI framework
 - Initial thought is to use one script and thus recipe to build all cloud things via input file or flags
 - install ohpc-test-suite and execute via Jenkins remotely
 - we probably need to agree on a way for some basic identity management...
- Need EFA support as well before release
- Anything else?

Mentorship Program

- Draft call for participation based on last meeting's discussion available at:
<https://docs.google.com/document/d/1w2bdW2aAeZ0bMqxJUKvdrNIJNAzqs3u4dJV9Qq7cZGM/>
 - thanks for the comments to date
 - we do have an outstanding question on diversity metrics for application...
- Initial hope is to use LF Community Bridge as the hosting site for the mentorship program
 - this does impose some requirements...
 - mentor volunteers (and applicants) will have to register with community bridge. e.g.:
<https://docs.linuxfoundation.org/docs/communitybridge/mentorship/mentors>
 - stipends are based on country of origin
 - projects are requested to have formal Code of Conduct
 - projects are requested to participate in Core Infrastructure Initiative

Mentee Stipends

- LF community bridge seems to stipulate stipends :
 - <https://docs.linuxfoundation.org/docs/communitybridge/mentorship/mentee-stipends>
 - *"We are using a Purchasing Power Parity (PPP) based calculation to determine the stipend. We start with a base amount of 6000 USD and then adjust it based on each country's PPP value. There is a minimum (3000 USD) and maximum (6600 USD) stipend amount. The base amount takes into consideration the fact that many universities are in urban centers which can be more expensive than other parts of the country."*
 - Slightly more than we specified for U.S. participants but can still be within overall approved budget

Tuvalu	5400
Uganda	3000
Ukraine	3000
United Arab Emirates	3600
United Kingdom	5400
United States	6000
Uruguay	4200
Uzbekistan	3000
Vanuatu	6000
Venezuela	4200
Vietnam	3000
West Bank and Gaza	3600
Yemen, Rep.	3000
Zambia	3000
Zimbabwe	3000

Project Code of Conduct

- LF default recommendation is to use Contributor Covenant (v2.0):
 - <https://www.contributor-covenant.org>
 - https://www.contributor-covenant.org/version/2/0/code_of_conduct/code_of_conduct.md
 - let's take a moment and have folks read thru this....
- If we want to adopt this version, we can add to repo and highlight on the contribution wiki
 - does require identifying a contact to report violations
 - *Instances of abusive, harassing, or otherwise unacceptable behavior may be reported to the community leaders responsible for enforcement at [INSERT CONTACT METHOD].*
 - maybe Neal? or email alias that goes to multiple people?
- Irrespective of where the mentorship application is hosted, adding a code of conduct seems like a good idea....vote?

Core Infrastructure Initiative

Core Infrastructure Initiative

Security is a top priority here at CommunityBridge, so we ask that all participating projects also participate in our Core Infrastructure Initiative (CII). If your project is not already participating in CII, please enroll within 90 days to ensure continuation of your project fundraising on CommunityBridge.

CII Project ID

#	Project ID
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[Apply for CII](#)

*From Community
Bridge Mentorship
Project Application*

- Another LF project: <https://www.coreinfrastructure.org>
- Not clear what this would do for us, but seems we have to apply for participation
- Any thoughts or objections?

Mentorship Program

- Are we ready to try and pull the trigger on getting an OpenHPC mentor program posted on Community Bridge?
 - not 100% clear yet how we can include the contents of our application document, but we can walk thru the process and see if it is satisfactory and punt if it doesn't work out
 - can adjust submission deadline based on when it is live (seems we may need the call to be open for at least 3 weeks)
- Once posted, presume we should provide a pointer to it on openhpc-announce?

2.0 Related Items - xCAT

- Update on xCAT recipe:
 - have resolved the resource manager problem mentioned last time
 - this was a firewall issue
 - after the fix, saw good CI results with all passing except one check (CentOS8):

All Failed Tests

Test Name	Duration	Age
+ RootLevelTests.bos.[BOS] consistent kernel (2 active computes)	0 ms	3

All Tests

Package	Duration	Fail (diff)	Skip (diff)	Pass (diff)	Total (diff)
InstallTests	0.55 sec	0	0	7	7
RootLevelTests	25 sec	1	0	36	37
UserLevelTests	33 min	0 -6	0	1415 +1388	1415 +1382

- issue here is that the base compute node kernel is restricted to version in iso image which is starting point for xCAT
 - however, our head node kernel is newer from CentOS 8.2
- normally we are checking to make sure we have the same kernel on headnode and computes, but more difficult in this case.
 - have to run **genimage** multiple times but this resets certain key files in the \$CHROOT which means having to fix files multiple times in our current recipe...

2.0 Related items – Arm compiler gotcha

- Update: have a new drop from ARM which resolves the .so package dependencies mentioned last time:
 - v20.2.1
 - these latest drops for RHEL/SUSE are now in our OBS and are configured for use in our 2.0 Factory builds
 - this version is presumably what will be posted as the OpenHPC variant for use with 2.x