

Meeting of the Technical Steering Committee (TSC) Board

Wednesday, July 28th, 2021 11:00am FT

Antitrust Policy Notice

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Agenda/Updates

- Announcements, upcoming talks and deadlines
 - SC'21 BoF submission due August 6

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- Update on aarch64 OBS build server
- Software requests
- PEARC'21 BoF debrief

SC'21 BoF Submission

- Due on Aug 06 (next Friday)
- Placeholder submission added this morning
- Notes from submission:

"SC21 plans to be an in-person event with virtual platform support to enhance the in-person experience and to accommodate those who cannot attend in-person due to travel restrictions or health concerns. So, in-person presentations are strongly preferred."

- Current draft application link shared with TSC list (check email)
- Folks who are likely planning to attend SC and can participate in the BoF?
 - Please submit any edits/suggestions by next Wednesday and I'll submit the final

Update on ARM build server

Back story

- our previously provided build server hosted at Packet by the WorksOnArm project is slated to go away
- we have been using this since 2018
- have been allocated a replacement system hosted by Equinix (Ampere Altra ARMv8 Processor)
- unfortunately, this bare-metal hosting service no longer supports direct provisioning of any SUSE variants
- PXE provisioning with netboot.xyz (https://netboot.xyz)
 - Continued to spend more cycles trying different options to use this method to install any SUSE variant
 - No luck in the end, so punting for now as we need to transition off of the old server in the next few weeks
- Alternative approach
 - Have provisioned the new server with CentOS8 and created a Leap 15.3 based container to run our OBS worker
 - Got excited that workers fire up and register with our master server....however, they don't show as being eligible to do builds
 - So, onto the next problem.....

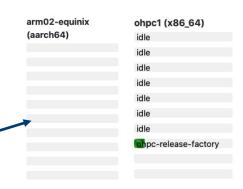
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Linux Installers - ARM ARCH **EXPERIMENTAL** Current Arch [ arm64 ]

Popular Linux Operating Systems:
    CentOS
    Debian
    Fedora

openSUSE
    Ubuntu

All Others:
    Red Hat Enterprise Linux

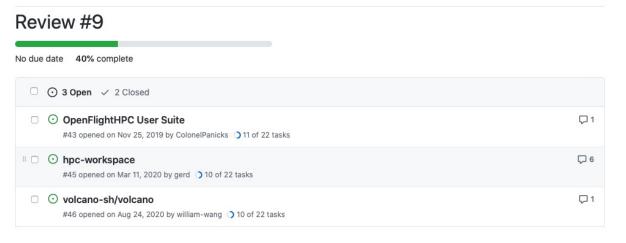
http://download.opensuse.org/distribution/leap/15.3/repo/oss/boot/x86_64/loader/linux... ok
Could not select: Exec format error (http://ipxe.org/2e008081)
Could not boot: Exec format error (http://ipxe.org/2e008081)
Could not boot: No such file or directory (http://ipxe.org/2d02808e)
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Error occured, press any key to return to menu ...

Jul 28 11:33:35 arm02-equinix systemd[1]: obsworker.service: Failed to set invocation I D on control group /machine.slice/libpod-526cf6df56c2f8bbce0fbe46e897e3c2ff90c251eb4f5feb4c08b9 8f0cae7a2a.scope/system.slice/obsworker.service, ignoring: Operation not permitted

Review Cycle #9



- Overview of process for new TSC members:
 - Reviewer guidelines at:
 https://docs.google.com/document/d/1po_yd-QvZJSIXYZ0fRo-lqyoQQIJkBQiQVqzilG-Tsw
 - I will send a Google voting form link for each submission:
 - Bin into 4 recommendation options (accept, accept with changes, reject until changes, or reject)
 - Provide a prioritization score
 - Provide some comments

- We have 3 outstanding software requests for the current cycle
 - My fault for being way behind on requesting reviews for these
 - Hoping we can turn these around reasonably quickly
- Recall need minimum of 5 reviews (anyone on TSC is eligible):
 - 1. Karl
 - 2. Derek
 - 3. Caesar
 - 4. Chris D.
 - 5. Eric C.
 - 6. Jason W.
 - 7. Reese
- Proposed reviewer deadline: Tuesday, August 10th



PEARC'21 Debrief

- Online BoF session occurred Tuesday, July 20th
 - Chris, David, Nirmala, Derek and Karl attended
- Turnout was reasonable
 - 58 attendees peak
- Gave a short presentation highlighting 2.X series
 - google slides available at: https://bit.ly/2021-PEARC-OpenHPC
- Expanded list of poll questions and then responded to audience text questions

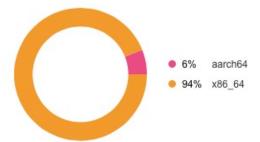
PEARC'21 Debrief - Poll Results



What architecture do you use with OpenHPC?

Vote submitted. Change poll answer

Poll Results:

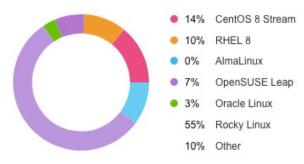




If you are currently using CentOS 8, what do you plan to use as a replacement going forward?

Vote submitted. Change poll answer

Poll Results:

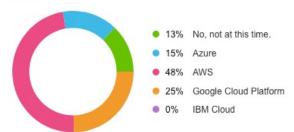




Are you investigating use of cloud or hybrid architectures for HPC? If so, which cloud providers are of interest.

Vote submitted. Change poll answer

Poll Results:





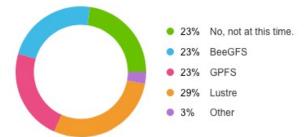
PEARC'21 Debrief - Poll Results



Do you deploy parallel file systems locally? If so, what software do you use?

Vote submitted. Change poll answer

Poll Results:

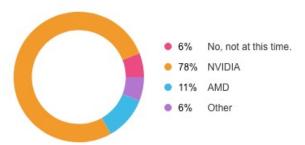




Are you deploying GPUs or accelerators locally?

Vote submitted. Change poll answer

Poll Results:





What do you use for your cluster monitoring solution?

Enter your own or vote

Poll Results:



