

Scientific Computing Steering Committee Meeting

Conference Room B Bldg 50

MEETING MINUTES

Minutes for Tuesday, January 12, 2012:

Attendees: Amber Boehnlein (chair), Amedeo Perazzo, Len Moss, Thomas Erickson, Tom Erikson, Randy Melen, Imre Kabai, Stuart Marshall, Jen Gill (Recorder)
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Absent: Richard Dubois, Rob Cameron, Ashley Deacon, Bob Cowles

Guests: Ling Ho, Igor Pagonenko
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Action items from current meeting:

Date	Action Item	Responsibility	By When
1-12-12	Ask your constituents to test RHEL 6 in a batch farm and report results back to Len Moss	All SCSC members	2/9/12
1-12-12	Contact Imre Kabai if you have someone in your group who can be involved in the mobile devices roadmap	All SCSC members	immediate
1-12-12	Contact Amber Boehnlein if you or anyone in your group is interested in a possible cloud solution for GPUs	All SCSC members	immediate
1-12-12	Let Amber Boehnlein know if you and others in your group would be interested in further demonstration and a technical forum for GlusterFS	All SCSC members	immediate

Action Items status from previous meetings:

Date	Action Item	Responsibility	By When	Status
11/29/2011	Put SLAC Ops agenda on SCSC wiki site	Jen Gill	immediate	completed
11/29/2011	Check on Globus on-line testing status	Amber Boehnlein	immediate	completed
11/29/2011	Get a Stakeholder list from Thom L. for the Network Re-Architecture project from any members of the ITSC	Rob Cameron	11/30/2011 at ITSC meeting	completed
11/29/2011	Send out questions for response for OSTP RFI, get responses by 1-12-2012	Amber Boehnlein	immediate	pending

Agenda items:

News: Amber Boehnlein

Computing Division Director Search:

- 5 candidates have been interviewed, 2 more still to come

Computing Division Strategic Planning:

- There will be an upcoming Strategic Planning Workshop on February 8th with all CIO direct reports, please contact Amber with any scientific computing inclusions for consideration.

Scientific Computing Strategic Planning: Next Steps

- Amber will be attending a meeting with Sandy Merola to talk about documentation and plan.

RHEL 4 Transition status: discussion of timeline to transition from RHEL 5: Len Moss

- The number of servers and desktops running RHEL 4 is reduced to 99 as of this date. The transition to RHEL 5 and 6 will begin after the transition out of RHEL 4.
- Action Item: SCSC Members, please ask your constituents to test RHEL 6 in a batch farm and report your results back to Len Moss.

Black Boxes now at end-of-life (EOL):

- Black boxes are no longer supported by Oracle, Amber's team will be working with black box stakeholders to end-of-life the boxes.

Conference Management Tools: should SCSC be involved?

- Issue has been put before the SCSC in the past, and it was felt this was not a Scientific computing issue. Amber has been attempting to locate the appropriate party on campus to handle this issue, as the tools currently in use are outdated or do not exist.
- Amber is still determining who should take this on in the company. It is felt that this should be a topic for the IT Sub-Council to handle. If any SCSC member feels there is an opinion on this topic in the Scientific Community, please contact Amber Boehnlein.

Blue Coat Update: Bob Cowles

- The rollout is going well, there have been only two requests for site exemptions so far and the number of actual hits for blocked items is very small.
- It is felt that the hits that were received, are due to Google fill-in errors, not actual look ups
- Now the searches are in "warn" mode, meaning going to a site suitable for blocking, will cause a warning to pop up on the user's screen. In a very short time, this will switch to block.

Mobile Device Roadmap: Imre Kabai

- Imre points out that currently, whether supported or not, many people at the lab are using mobile devices (ipads, iphones, smartphones, etc) for every day work.
- In scope in the roadmap are such items as app stores, operating systems, how to provide control and security on devices, how to handle support of devices, cloud synching and systems, and more.
- A core team has been formed to look in to this new challenge. Imre is putting together a roadmap with a 5 year vision for this technology. If you have someone in your group who is interested in being a member of this team, please let Imre Kabai know.

Possible Shared GPU Resources:

- Amber is interested in looking in to a possible cloud solution for GPUs, if you or any member of your group is interested, please contact Amber and she can form a committee for this.

Gluster Evaluation: Ling Ho and Igor Gaponenko

- Ling Ho gave a presentation (to be found on the SCSC share site) regarding various components and advantages of this application over Lustre and others like it.
- A very detailed and technical discussion ensued which has lead Amber to want to put together a Technical Forum for a broader audience on this tool with possible users, support, and technical teams that may find it to be a tool that can be used Lab-wide. Please let Amber know if you are

interested in participating in this Forum, as well as any members of your teams you would like involved as soon as possible, and a time and date will be set.

Scientific Computing Project Update: Len Moss

- Len went through all of the projects currently in the pipeline. Any SCSC member can view the link to the project status chart on the share site, and currently all changes since the last meeting, have been highlighted in red.

Due to the discussion that took place around Gluster FS, the Network Re-Architecting Update and the Cyber Security Strategic Planning presentation had to be postponed to a later meeting.

Next Meeting is January 26th.