

Research Computing Advisory Committee

Minutes October 2, 2017 (taken by Erik Deumens)

Present: Paul Avery, Erik Deumens, Lauren McIntyre, Alberto Riva, Jack Stenner, Raffaele Vacca

Discussion HiPerGator Challenge planning

We now have a solid plan for the challenge that meets the original design goals:

- It enhances the reputation of the University and its support for research computing and its supercomputer HiPerGator.
- It provides a learning opportunity for students and a way to distinguish themselves in the job market
- It has the potential to contribute to advance is knowledge.

The scope of the program is now sufficient complex that it needs to be managed properly to be successful.

1. The CIO will fund logistics support by providing project management and communication management staff.
2. What is needed from the faculty is a leader to manage all faculty and student interactions and contributions.

Discussion led to the suggestion that maybe a team of two faculty should be the lead? It is too much to ask of one person. Relief from teaching for two semester seems a good incentive, but it may prove hard to find one or two chairs to grant this.

The group will reach out to faculty outside the committee and explore possibilities.

Updates

1. The RC web site has been updated in many places.
2. The policies and capabilities of the new storage architecture are described. A new storage option "orange" providing pretty good storage for large capacity is being offered at the competitive price of \$25 per TB per year.
3. Projects can request burst scratch storage for covering short term needs of storage.
4. ResVault and ResShield are environments for research on restricted data. This is required especially for export controlled projects, mostly funded by DoD. The university must be compliant by Dec 2017. ResVault is ready for business. An awareness day is organized in the UF Informatics Institute on Nov 9 from 11:30 – 1:30. Lunch will be provided.

Organization

- Next meeting will be on Monday Nov 13, 2017 in the usual conference room NPB 2304 from 1:30 – 2:30 pm