

Research Computing Advisory Committee

Minutes December 4, 2017 (taken by Erik Deumens)

Present: Paul Avery, S. Balachandar, Peter Barnes, Erik Deumens, Alberto Riva, Plato Smith

Guests: Matt Gitzendanner, Brian Parks

ResVault live demo

ResVault system live demo presented by Matt Gitzendanner, with Brian Parks of the ResVault support team present to answer questions.

RVDay Nov 9 was recorded and the video includes a demo as well. See the links on <https://news.it.ufl.edu/research/researchvault-day-resources/>

Questions

- The Office of Research will steer contracts and grants with restricted data to use this pre-approved secure environment.
- To use ResVault requires an investment the mechanism is the same as with HiPerGator.
- Special software can be accommodated in ResVault. There is no root access for users, but support staff will install special software as needed. Developers can work in ResVault and manage their own software builds as long as no changes need to be made to the system software image, but only to the user drives.
- In the future, the next generation ResVault will run on (next generation) HiPerGator hardware infrastructure.
- The cost for cores and storage for secure work will always be somewhat higher than the cost for open computing.

Organization

- Next meeting will be on Monday Jan 8, 2018 in the usual conference room NPB 2304 from 1:30 – 2:30 pm.