

Research Computing Advisory Committee

Minutes Jan 10, 2022 (taken by Erik Deumens)

Present: Paul Avery, Chris Barnes, Nikolay Bliznyuk, Susmita Datta, Erik Deumens, Jorge Frias-Lopez, Richard Hennig, Damon Lamb, George Michailidis, Rafa Munoz-Carpena, Parisa Rashidi, Alberto Riva, Massoud Rouhizadeh, Plato Smith, Doug Spearot, Jack Stenner, Laurie Taylor, Bruce Vogel

Updates

- Systems

- HiPerGator 3.0, HiPerGator AI, and HiPerGator-RV are operational. HiPerGator 2.0 is still operational as well; HiPerGator 1.0 has been retired.
- MFA for HPG was activated on Oct 18.
- ResVault was migrated to the new HiPerGator 3.0 hardware and has been rebranded as HiPerGator-RV.
 - A few useability issues and performance issues are being worked on,
 - An upgrade to the user-interface client with modernized look-and-feel will be released around February. This will not be disruptive to users.
- Federated authentication is being worked on. A few options are being explored.

- HITRUST certification of HiPerGator

- HiPerGator-RV support research on restricted data with the high levels of FISMA and CUI compliance. HiPerGator-RV support both Linux and Windows virtual machines for that work.
- We want to certify the HiPerGator 3.0 and HiPerGator AI, which are Linux-based HPC systems, for work with protected health information (PHI), compliance with HIPAA.
- To make this formal we seek compliance with the HITRUST framework. An ITN (invitation to negotiation) was set up to request proposals from certified assessment organizations. The ITN was posted early Dec. The question period ended Friday Jan 7. Now the committee will answer the questions to be posted on the UF purchasing website. The proposals are due Jan 28.

- Outreach

- Elias Eldayrie, vice president and CIO, has reminded the deans that UFIT is willing to come to college assembly and faculty meetings to provide information about available resources and how to use them.
- When faculty candidates are invited for zoom interview, please include a meeting with RC staff to explain what UF can offer for research computation. For in-person interview, a tour of HiPerGator can be arranged.

Discussion

- HITRUST certification makes HiPerGator compliant for running PHI. Extra work may be needed for establishing compliance of connected systems. Each project will need to get IRB approval and go through a risk assessment to establish these details.

- HITRUST certification will to be maintained after the initial certification with annual reviews.

Next meeting will be on Feb 7, 2022 from 1:00 – 1:50 pm. The meeting will be Zoom only. An invitation will be sent.