Research Data Center Procedures

Idaho State University's Research Data Center (RDC) can be used to support scholarly research in three ways:
1. Request a virtual machine (VM) server from ISU's existing server farm
2. Move your existing server (or cluster of servers) into the RDC
3. Request access to high-performance computing (HPC) resources

1) Virtual Machine Procedures
Procedures related to all Virtual Machine (VM) users

Requests for VMs must be made by the PI of a sponsored research project.

PIs requesting VMs will need to sign a Resource User Agreement (RUA) prior to provisioning a VM node(s). This agreement outlines the terms of support. If there are any questions or concerns with any of the terms of agreement, please contact the Research Data Center (RDC) at RDC@isu.edu to discuss.

In addition to the RUA mentioned above, PI's may be asked to sign an additional agreement for specific project(s), detailing any unique requirements and/or specialized system support needed for the VMs provisioned for the project. This is particularly important in the Protected Environment (PE).

Protected Environment VM (PEVM) Procedures:
- Only RDC system administrators will have root access to VMs in the protected environment (PEVM).
- Only sponsored research projects with HIPAA/PHI or other specific data restrictions will be provisioned in the PEVM.

2) Existing Server Procedures
Procedures related to all server or clusters moved into the RDC.

Requests for rack space (1-40 units of rack space) or floor space (to move an entire rack into the RDC) must be made by the PI of a sponsored research project.

PIs requesting existing server space in the RDC will need to sign a User Agreement (UA) prior to transitioning/moving into the RDC. The agreement outlines the terms of support. If there are any questions or concerns with any of the terms of agreement, please contact the Research Data Center (RDC) at RDC@isu.edu to discuss.

3) High-Performance Computing Cluster Procedures
Procedures related to high-performance computing (HPC) resources in the RDC

Requests to access HPC clusters in the RDC must be made by the PI of a sponsored research project. Any students participating in the research project with the PI will be given access to the computing cluster by request of the PI. Student access will be evaluated and confirmed on a semester basis.

PIs requesting access to these resource can contact the Research Data Center (RDC) at RDC@isu.edu.

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