



## Disk Storage Service

The Office of Information Technology (OIT) offers a fee-based disk storage service to the University community. Users and departments that require disk storage space connectivity for their servers located in datacenters in either the A V Williams (AVW) or Computer and Space Sciences (CSS) buildings can use this service. The storage infrastructure from EMC Corp. is industry standard Storage Area Network (SAN) based and is fully redundant. Users can choose from different tiers of storage with varying performance and capacity characteristics and pricing. All data on these disk storage arrays is backed up. For an additional fee, users have the option to replicate their data between datacenters providing for a disaster recovery solution. The storage infrastructure is monitored 24X7 and also has call-home capabilities allowing for quick detection and resolution of potential problems.

### **Benefits to Departments include:**

#### Benefits to Departments:

- Eliminates the need for departments to maintain expensive storage infrastructures
- Provides resources and capabilities that some departments may not be able to individually afford.
- Eliminates the need for storage-related training for departmental IT staff, allowing units to focus professional development resources in other areas.
- Increases time and resources available for departmental IT staff to devote to user support issues.

#### Benefits to Users:

- Users can store files and databases in a secure datacenter location.
- Data can be replicated between datacenters for disaster recovery
- Storage infrastructure is fully redundant providing high levels of availability
- Users can choose between multiple tiers of storage

#### Technological Benefits of the File Server System:

- Secured redundant storage infrastructure
- Implements industry best practices.
- Offsite disaster recovery copy.
- Industry standard hardware
- Environment monitored 24x7/365