

# CRBS Recharge IT Services

In March 2011, the CRBS began offering IT support services, via recharge, that include:

- **TECHNICAL SUPPORT and CONSULTING**

- Virtualization
- Network design, implementation and troubleshooting
- Large data storage (100+ terabytes)
- 3rd party software integration
- Databases
- Automation
- High Performance Computing (HPC)

- **VIRTUAL MACHINE HOSTING**

- Initial support with design, implementation, configuration, authentication, etc, is available at an hourly rate
- Monthly cost based on memory, CPU and data storage requirements
- You manage your VM, or use our infrastructure for repeatable, scalable VM deployment

- **DATA STORAGE**

- **Single-copy Storage**
  - suitable for backing up primary data stored elsewhere on campus
  - suitable for backing up workstations and laptops
  - minimal access - update backups, recover lost data
  - includes technical support related to data storage
- **Replicated Storage**
  - provides primary data storage
  - includes 2nd copy backup snapshots stored at an alternate on-campus location
  - data is accessible to applications and/or computers via NFS or Samba
  - includes technical support related to data storage and data access issues

For additional information, [CLICK HERE](#) or contact Sean Penticoff at [spenticoff@ucsd.edu](mailto:spenticoff@ucsd.edu) or 858-246-0305

## Technologies we support:

- Active Directory
- Apache
- CentOS
- Ubuntu
- HubZero
- LDAP
- MariaDB
- MySQL
- NFS
- Postgres
- Samba
- ~~Solaris~~
- VMWare
- ZFS

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