

# 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
- HubZero
- LDAP
- MariaDB
- MySQL
- NFS
- Postgres
- Samba
- Solaris
- VMWare
- ZFS

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