Equipment: 14TB ZFS supermicro file server

This file server is used as a common resource for CERI Mac, Linux, and SunOS computers for data storage. An extensive amount of research performed by students in the Center for Earthquake Research and Information (CERI), the department where the equipment is housed, is data intensive and the department was at 75% of storage capacity. The server is supplying additional data needs for graduate students and faculty on CERI IT systems. The server was built in-house from the following components:

- Supermicro SuperStorage Server SSG-6047R-E1R24L (4U, 24 bays, w/ dual PS) Supermicro MCP-220-84606-0N Rear Side Dual 2.5" HDD Kit (for SSDs)
- Dual quad core Xeon CPUs -- $400 (from SuperBiiz)
- 64GB Memory (4 Samsung M393B2G70QH0-CK0 DDR3 ECC/Reg DIMMS)
- Dual Intel S3500 120GB SSD drives (for OS)
- HGST 4TB UltraStar 7K4000 SAS 7200rpm disks (12)

Because the server is an integral part of CERI research and education IT resources, its use is governed by CERI IT policy (see attached).

Contact Persons: Mitch Withers (mwithers, x4940), Chuck Langston (clangstn, x4869)