

Sr. Storage Engineer

Description

The successful candidate will be responsible for leading a team of SAN/Storage engineers in the design, installation, implementation, and ongoing management of the Family Search storage and backup infrastructures.

He / she will be responsible for providing SAN/Storage technical leadership in delivering well designed and engineered solutions that are cost-effective, flexible, scalable, highly-available, and simple to manage and support.

He /she will be responsible for storage capacity monitoring and reporting to ensure that adequate data is available to assess the impact of growth trends and application changes

He / she will be responsible for developing and nurturing working relationships with technical and sales representatives of strategic vendors of SAN/Storage hardware, software, and professional services.

He / she will also be responsible for performing other ad hoc technical duties as assigned.

Qualifications

General Job Requirements

- 5 or more years of experience Designing, Building and Supporting Enterprise Class SAN/Storage infrastructures.
- Bachelor's Degree in Computer Science, Electrical Engineering or a related field or an equivalent combination of education, training, and experience.
- Demonstrated ability to lead a technical team.
- Demonstrated critical thinking skills, ability to accurately analyze information and make sound decisions.
- Demonstrated ability to interface effectively and collaborate with Software Architects and Developers, Infrastructure Engineers and Administrators, vendors, peers, and management to develop solutions and ensure stakeholder buy-in.
- Demonstrated ability to take initiative and accountability for achieving results.
- Demonstrated ability to generate mathematical and statistical based data analysis models to support engineering decisions.
- Demonstrated ability to perform storage capacity monitoring and reporting to ensure that adequate data is available to assess the impact of growth trends and application changes
- Excellent technical research skills to identify and assess emerging technology and its applicability to our SAN/Storage environment.
- Demonstrated strong technical background in industry standard SAN storage technologies, with the proven capability to design and implement solutions, manage change, and provision storage in a large-scale, mission-critical, multi-PetaByte storage environment.

- Demonstrated ability to design, implement, and support disk- and tape-based Enterprise Class storage infrastructures is required.
- Detailed knowledge of SAN networking protocols and components.
- Detailed knowledge of multiple operating systems platforms, including Windows and Linux/Unix with the ability to install, configure, manage and troubleshoot operating system integration with storage and back-up technologies.
- Participation in a rotating on-call schedule will be required

Preferred Experience:

The scale of the FamilySearch SAN and Storage infrastructure includes terabytes of structured information and tens of Petabytes of image data and thousands of servers. For these reasons the desired candidate should have several years of HANDS ON experience designing, building, and maintaining storage infrastructures that include:

- Enterprise class large SMP Database Servers (e.g. Sun M9000 or larger)
- Enterprise class Storage for Databases with more than 4TB of synchronized storage handling thousands of transactions per second
- 3000+ slot tape libraries
- Multiple petabyte Enterprise Storage Arrays
- Enterprise class SAN switches with 1000+ ports in each fabric
- HANDS ON experience configuring and supporting the following vendor specific technologies is

also desired:

- o Cisco MDS 9500 and 9200 class switches
- o HP EVA Storage Arrays
- o Hitachi/HP XP Storage Arrays
- o EMC Storage Arrays
- o DDN Storage Arrays
- o Sun StorageTek SL8500/SL500 tape libraries
- o Sun StorageTek ACSLS
- o IBM GPFS files systems with 250 million+ objects
- o Multiple Petabytes of IBM HPSS *hierarchical* storage
- o SAN attached Sun M8000, M9000 Oracle Database Servers
- o SAN connected Redhat Linux servers
- o FCIP Interswitch Connectivity
- o EMC Powerpath

<http://www.slc-staffing.com>