



**DIVISION:** Corporate Services  
**TITLE:** Storage Architect Lead  
**LOCATION:** Folsom, CA  
**DEPARTMENT:** IT Strategy & Support

**PRIMARY PURPOSE:**

Under the general direction of the Manager, Architecture / Systems Engineering, single point of contact for all enterprise storage. Manage and set the strategic vision for the company and be responsible for solid storage capacity and change management practices. Responsible for all storage arrays including NAS devices, enterprise disk arrays, archiving storage, and enterprise backup technology servicing over 300 terabytes of storage across two sites. Responsible for building a consistent and methodical data center storage strategy with defined availability and performance metrics as well as implementing maintenance processes for storage equipment and configurations. Interact with stakeholders to develop file/data and related security standards and implement retention and archiving policies.

**ESSENTIAL JOB FUNCTIONS:**

- Develops the strategic enterprise storage roadmap to create a stable and predictable investment roadmap to keep environment current and supported and to eliminate single points of failure.
- Defines schedule and oversees execution of upgrades for storage arrays, management consoles, backup environment, archiving environment, and server SAN connectivity and monitoring software.
- Provides detailed technical oversight of all SAN zoning/masking activities, SRDF/Timefinder architecture, EMC DMX BIN file designs, and Clarion, Celera, and Centera architectures.
- Leads the configuration of EMC Control Center to maximize its use and reduce manual tracking of storage components.
- Defines and implements data sharing, archiving, and backup/recover strategies including Information Lifecycle Management.
- Designs a storage capacity planning set of procedures, reports and forecasts. Trains storage administrators.
- Delivers a lower total cost for the storage operating environment.
- Accountable for standardizing day-to-day storage management policies and procedures and ensuring they are followed and updated as necessary.
- Responsible to implement solutions for data backup/recovery, data archiving, replication, and data de-duplication.
- Subject Matter Expert (SME) for all new storage engineering requests, working with application development and support teams, to provide the correct and appropriate solution for each request.
- Adheres to and supports the Core Values of the ISO.
- Performs related duties and activities as assigned.

**TYPICAL PHYSICAL REQUIREMENTS:**

Most of the time is spent sitting in a comfortable position and there is frequent opportunity to move about. Occasionally there may be a requirement to stoop or lift or handle material or equipment weighing up to 25 pounds. Requires normal manual dexterity and eye-hand coordination, and corrected vision and hearing to normal range.

**WORKING CONDITIONS:**

Typically located in a comfortable indoor area. Any unpleasant conditions would be infrequent and not objectionable. Most of the time is spent in general office or equivalent conditions which result in little or no exposure to injury or accident. Occasional weekend and evening work hours required. 24X7 availability.

**MINIMUM QUALIFICATIONS:**

- **Level of Education**  
A Bachelor's degree (BA, BS) or equivalent education, training and experience.
- **Discipline**  
Computer Science or related technical field.
- **Amount of Experience**

Seven or more years related experience.

- **Type of Experience**

Experience with EMC, implementing storage processes and standards, and data archiving strategies. Proven Project Leadership experience working and troubleshooting business critical issues. Familiar with Windows, Solaris, Linux, and other operating systems. Necessary software experience includes, EMC Control Center v6.x, Cisco Fabric Manager, Cisco Device Manager, EMC PowerPath, EMC Connectrix Manager, EMC Invista Element Manager, EMC Solutions Enabler, EMC NaviSphere Manager, SRDF Synchronous and Asynchronous and Data Mobility. Experience in the utility industry is desirable.

- **Special Certifications of Technical Skills**

EMC Storage Administrator Specialist level professional certification required.

- **Other**

Must be able to work with independently and prioritize effectively in a fast-paced environment. Must have excellent multi-tasking, critical thinking, decision-making, interpersonal and oral and written communication skills. Must be able to work effectively in a team environment as leader, facilitator and team member. Must be able to handle a dynamic and changing work environment, and work well independently. Self-motivated to improve the work environment as well as learn new skills and keep on top of technology trends.

**CLASSIFICATION:**

- Created Date: 07.29.2008
- Last Date Revised: 07.29.2008