

High Availability Solutions

SoftLayer® Technologies

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■ What It Is

SoftLayer® products and services can be seamlessly integrated to create enterprise-class, cost-effective high-availability solutions. With geographic diversity, global load balancing, automated backup and recovery, multiple failover options, and more, SoftLayer provides the ideal components for high availability strategies that keep mission critical applications running, maintain data accessibility, and ensure business continuity to minimize the costs of downtime and traffic irregularities. Organizations of any size can customize a high availability strategy perfectly suited for their unique needs, avoiding the costs of unnecessary systems or services.

■ Key Features and Benefits

Geographic Diversity With fully featured data centers in Dallas, Houston, London, Seattle, and Washington D.C., SoftLayer provides geographic diversity ideal for maintaining system, data, and connectivity redundancy, increasing availability and optimizing performance.

Onsite/Offsite Storage Our proprietary StorageLayer® solution integrates multiple storage technologies (including FTP, NAS, iSCSI, and EVault™) into a single storage service with automated local and remote backup, replication, and snapshots for streamlined data management.

AnyCast DNS Advanced routing technology allows multiple server destinations to share the same IP address and routes IP requests to the closest destination with the highest availability, preventing requests from being routed to a server that is unavailable or experiencing unusually heavy traffic.

Redundant, Best-in-Class Infrastructure All SoftLayer data centers maintain multiple power feeds, fiber links, dedicated generators, and battery backup. They are built from industry-leading hardware and equipment, ensuring the highest level of performance, reliability, and interoperability.

■ Global Load Balancing

Global load balancing between our geographically diverse data center facilities keeps traffic evenly distributed for optimized performance and availability. In the event of server failure in one location, loads can be automatically shifted to functioning systems.

