TOP FIVE REASONS TO DEPLOY EMC ISILON FOR HEALTHCARE

Trusted by over 500 healthcare customers worldwide

1 ELIMINATE ISLANDS OF STORAGE

EMC® Isilon® scale-out NAS provides truly scalable performance and an ever-expanding namespace for the consolidation of an organization's file shares and healthcare applications—eliminating file server sprawl, streamlining management, simplifying backup and disaster recovery operations, and reducing costs.

2 ELIMINATE STORAGE MIGRATIONS

The simplicity of the EMC Isilon OneFS® single file system solves the biggest pain point in healthcare application storage—time-consuming and costly manual client and storage migrations. EMC Isilon Autobalance™ technology completely removes the time, cost, and complexity of manual migrations from the infrastructure, regardless of scale, thus eliminating storage node hotspots, balancing capacity, and ensuring the optimization of resources in the system.

3 PREDICTABLE SCALABILITY

Storage nodes can be added to an EMC Isilon cluster in about 60 seconds with no downtime, making upgrades easy and predictable without adding complexity. Regardless of future needs, EMC Isilon scales both performance and capacity linearly and remains simple to manage, even to over 20 petabytes (PB). This enables healthcare organizations to start with an infrastructure that fits their current requirements without overbuying performance or capacity for future use.

4 SIMPLE, EFFICIENT AUTOMATED TIERING

EMC Isilon SmartPools® automated tiering moves file data between tiers of Isilon NAS nodes within a single namespace, file system, and volume without the need for time consuming, manual processes or the use of complex links or stubs. Through the clustered use of the EMC Isilon value performance X Series platform nodes and high-capacity NL-Series platform nodes, a single Isilon NAS cluster can simultaneously be utilized for a mix of workloads—including radiology PACS, cardiology PACS, Vendor Neutral Archives (VNA), digital pathology, next generation sequencing, file share and other archive repositories—without sacrificing application performance.

5 MAKE DATA AN ASSET—NOT A BURDEN

EMC Isilon Scale-out storage solutions for Hadoop combine a powerful yet simple and highly efficient storage platform with native Hadoop integration, allowing you to accelerate analytics, gain new flexibility, and avoid the costs of a separate Hadoop infrastructure. Isilon is the only scale-out NAS platform natively integrated with the Hadoop Distributed File System (HDFS). Using HDFS as an over-the-wire protocol, you can deploy a powerful, efficient, and flexible Big Data storage and analytics ecosystem for all of your clinical and patient data.

REDEFINE

EMC²

HANDOUT
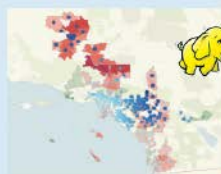
Sample Healthcare Qualifications

Shared Workloads

Mobility

Big Data Analytics

Future Diagnostics

CONTACT US

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