

TOP 5 REASONS TO DEPLOY EMC ISILON FOR LIFE SCIENCES

ACHIEVE PREDICTABLE SCALABILITY

1

The vast and fast-growing data associated with bioinformatics and genomic sequencing requires a storage solution that can be quickly and massively scaled. The EMC® Isilon® solution can easily scale from terabytes to over 20 petabytes, and with the system's self-managing and provisioning capabilities, it monitors system health and self-heals any potential failure. Storage nodes can be added to an Isilon cluster in about 60 seconds, making the addition of capacity easy and predictable. No matter how needs change, Isilon scales both performance and capacity linearly, and remains simple to manage.

SIMPLIFY THE MANAGEMENT OF LIFE SCIENCES BIG DATA

2

Each day, massive data stores are being created by life sciences researchers that will be maintained in perpetuity. By consolidating storage into a single, scalable volume that anyone can manage, Isilon storage helps increase the ease of data management and reduce the amount of time required of specially trained administrative staff.

DEPLOY A PROVEN SOLUTION FOR SEQUENCING WORKFLOWS

3

Customers leverage Isilon for life sciences research, medical diagnostics, and drug discovery. As a leader and trusted partner in sequencing with more than 150 large sequencing customers worldwide—including leading sequencing centers, pharmaceutical companies, and academic research centers—Isilon gives you the confidence that your storage needs will be met today and in the future.

IMPROVE PERFORMANCE WHILE LOWERING COST

4

The Isilon solution can improve IT productivity by more than 48 percent* for mission-critical research applications and workflows, accelerating time-to-results with immediate concurrent access to critical data. Combined with utilization rates of 80 percent and "pay-as-you-grow" capability, Isilon reduces operational costs compared to traditional storage and matches storage expenditures to the growth of data. Organizations can start with an infrastructure that fits their current requirements and buy performance or capacity as needed.

ELIMINATE ISLANDS OF DISCONNECTED STORAGE

5

Isilon delivers a simpler low-cost model by consolidating storage into a single system. This system allows scientists and researchers to store, access, and manage data concurrently from the same storage pool, while streamlining management, simplifying backup and disaster recovery operations, and reducing costs.

*Source: IDC Whitepaper, "Quantifying the Business Benefits of Scale-Out NAS Solutions," November 2011

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