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Improve database availability and cost efficiency with Amazon FSx for NetApp ONTAP

Managing large-scale database deployments requires shared storage that prioritizes performance, improves availability, and ensures data protection. That's where a database lift and shift to the cloud can immediately reduce your infrastructure overhead to enhance scalability and operational efficiency, giving your business the flexibility to grow and adapt quickly.

Even better, improved efficiency leads to faster innovation and more satisfied customers all while keeping licensing costs under control. But, to achieve the desired results, storage and database admins need consistently low latencies, the ability to meet strict SLA requirements for RPO and RTO, and the potential to reduce costs by up to 50%.

Fortunately, we've got some good news for you. Amazon FSx for NetApp ONTAP makes it easier than ever to innovate faster, providing a better way to manage your data while keeping your IT spend lower.

- ✓ Optimize your performance
- ✓ Improve availability for shorter development cycles
- ✓ Ensure data protection
- ✓ Reduce licensing and storage costs

Migrate data and applications with ease

Amazon FSx for NetApp ONTAP is a fully managed service that delivers intuitive enterprise management, familiar ONTAP features, performance, and APIs, while offering multiprotocol support, including NFS, SMB, iSCSI, and NVMe-over-TCP, along with the agility, scalability, and simplicity AWS is renowned for.

With a fully managed storage infrastructure, FSx for ONTAP makes it easier to launch and scale any database you choose. It delivers powerful database protection, high performance, and exceptional cost-efficiency, allowing you to use existing licenses without limiting database instances for maximum flexibility. With FSx for ONTAP, you can eliminate the manual need to provision servers and storage volumes, replicate data, handle hardware failures, and perform backups.

When migrating your on-premises databases to FSx for ONTAP, you can:

- Optimize performance with configurable throughput, and consistently low latencies to exceed production workload requirements

- Improve availability and shorten development cycles with snapshot-based thin clones, enabling fully writable development environments

- Enhance database protection with built-in high availability and application-aware snapshots for efficient backup and disaster recovery

- Reduce costs by up to 50% through storage efficiencies and data tiering, minimizing compute usage and saving on database licenses

adidas centralizes global core business operations through innovative ERP on AWS

Global retailer adidas has embarked on the largest IT transformation project in history.

Global retailer adidas has embarked on the largest IT transformation project in history. It plans to build a modern, scalable infrastructure in the cloud and reshape its enterprise resource planning (ERP) into a single source of truth that will power near-real-time insights into global operations. The project consolidates adidas' legacy systems, applications, and products (SAP) systems into what will be one of the largest SAP 4/HANA installations in the world, built on AWS.

For its initial load, adidas loaded 9.4 billion financial transactions in 1 month into SAP S/HANA on AWS. It must meet stringent requirements for backup and storage recovery. Using Amazon FSx for NetApp ONTAP, the team can quickly restore large HANA databases and load HANA data from disk to memory. Its recovery process time is 44 minutes—59 percent faster than its service-level agreement mandate.

> *"We are shaping the future of the heart and soul of our company […] We trust AWS to go through the journey with us as we get to each next round and complete the race"*
>
> **Dominik Meier,** Senior Director of Platform Engineering, adidas

45 APIs	**448 CPUs**	**59%**	**40+ TB**
incorporated; nearly triple the APIs of legacy systems	running on a 9TB machine for increased performance	faster recovery time than service-level agreement mandate	S/4 HANA system is projected to deploy in 2027

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Begin your database migration journey today with AWS

Ready to learn how your organization can become more agile and innovative by migrating your data to the cloud?

Get in touch today