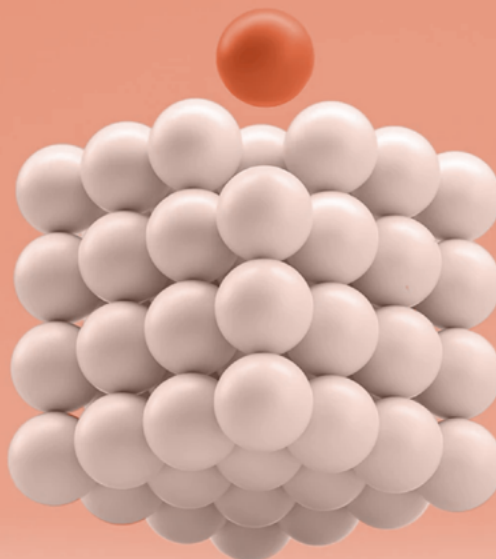


# Raise the bar on your SAP cloud goals with AWS



## A changing SAP landscape

To say that SAP business applications are important to large enterprises around the world would be a gross understatement. In fact, more than two-thirds of global transactions involve SAP systems. And organizations are acutely aware of the price they'll pay when disruptions happen.

It's no wonder businesses dedicate so many resources to keeping their SAP systems performing and protected. Following an if-it-ain't-broke-don't-fix-it philosophy, SAP teams are reluctant to make any changes to their finely tuned deployments—especially changes like cloud migration.

Unfortunately for them, the status quo has become the status “no.” In many organizations, moving IT infrastructure to the cloud is now a mandate. And it turns out that application owners have even more reason to make the leap to the cloud. With the 2027 end of support for SAP ECC fast approaching, all customers must migrate to SAP S/4HANA, which runs only on the SAP HANA database.

Flexibility is critical, because every organization’s cloud journey is different. SAP HANA continues to deliver a high-performance, in-memory database that speeds data-driven, real-time insights and actions. For those who are preparing to embark on the cloud journey, deploying on AWS provides a major opportunity to transform your business and unlock new value.

As you plan out a migration roadmap, it helps to know that you don’t have to make sacrifices typically found with self-managed or NAS-based storage technology. Amazon FSx for NetApp ONTAP is raising the bar on SAP cloud migration goals.

### **Feature-rich, HANA-certified**

When organizations move to the cloud, they often find that data management isn’t up to par with on-premises systems. Without the management capabilities of on-premises systems, organizations face higher risk of data loss, cost overruns, management challenges, and tool sprawl issues that can slow cloud migration and affect overall functionality.

For example, when ready-to-use enterprise file storage is unavailable, organizations must often build their own file servers to provide basic NFS functionality. This can limit performance and scalability, not to mention taking up valuable time and resources.

We believe that cloud migration should solve old problems, not create new ones.

Amazon FSx for NetApp ONTAP is sold, managed, and supported by AWS. It’s designed to provide the familiar features demanded in on-premises deployments. FSx for ONTAP delivers the enterprise-grade management capabilities, submillisecond latency performance, proven data protection, and cost optimizations of the best-in-class NetApp® file systems with the agility, scalability, and simplicity of a fully managed AWS service.

### **Key benefits**

- Confidently run SAP HANA in-memory database on Amazon FSx for NetApp ONTAP, the production-certified, fully managed file service from AWS.
- Automate tasks, simplify deployments, and run SAP HANA with a flexible cloud infrastructure.
- Integration with NetApp SnapCenter® software can automate the backup, restore, and cloning of SAP HANA databases.

What’s more, FSx for ONTAP is SAP HANA–certified, so you can safely migrate your HANA landscapes without many of the risks found in self-managed or on-premises storage solutions.

### **Zippy and agile**

Typical NAS-based infrastructure doesn’t provide the speed and agility you need for large landscapes, so it limits cloud-based solutions to SAP project landscapes and small-scale production landscapes.

NetApp believes you shouldn’t have to choose between performance and agility.

FSx for ONTAP delivers high-performance storage with low latency and hundreds of thousands of IOPS. Additionally, FSx for ONTAP harnesses NetApp storage efficiencies for primary and backup data and uses a capacity pool tier for infrequently accessed data.

SnapCenter is a one-stop shop for lifecycle management, enhancing oversight and regulation, and easing the cloning and refresh of your SAP systems. It helps drive reduction in time to value and time to market activities.

Together, these features can significantly reduce your project costs while maintaining high-performance data operations that SAP workloads need.

### Easy scalability

Scalability is also key for SAP landscapes, but cloud deployments often fail to deliver, offering limited scalability and downtime protection.

To get the right performance for your workload, Amazon FSx for NetApp ONTAP lets you choose a throughput level for your file system and scale this level up or down at any time. You can also create read-only replicas of your data to scale the performance of read-heavy workloads.

### High availability

For SAP workloads, data availability is everything. Your data simply must be available when your SAP applications need it. When it's not, you can experience major disruptions to systems and applications that depend on database operations.

Amazon FSx for NetApp ONTAP provides high availability over multiple Availability Zones with 99.99% guaranteed uptime. Stored data is thoroughly protected through built-in NetApp Snapshot™ technology, automatic backups, and disaster recovery copies.

FSx for ONTAP lets you audit end-user access to your files and folders by using the native audit-logging capabilities of NetApp ONTAP®. The solution's additional security features include support for NetApp FPolicy and Vscan. FPolicy lets administrators monitor file access, and Vscan is used with antivirus applications for automatic scanning of new files as they're written to your file system.

### Enhanced data protection

Data is the lifeblood of SAP workloads, so you need to feel confident that it's both protected and secure, whether in flight or at rest. This security is even more important for organizations handling sensitive information such as financial, personal, and healthcare data that must comply with strict data storage requirements.

To help keep your data protected, FSx for ONTAP automatically creates highly durable Snapshot copies of every database system. Snapshot copies are incremental relative to one another and are application crash-consistent. You can also create more Snapshot copies of your databases or non-SAP volumes at any point.

FSx for ONTAP also has built-in support for disaster recovery efforts. With this support, you can quickly and efficiently move your data across regions when you need to create secondary copies to protect against site failures.

### Migrate to AWS with confidence

When you're moving your SAP landscape to the cloud, the risks and challenges are real. SAP HANA-certified FSx for ONTAP offers a fully managed way to get the high performance, reliability, and data protection for your SAP landscapes where they need to be—in the cloud. Learn how FSx for ONTAP can make your migration easier and faster, while lowering your risk and improving performance.

### [Learn more](#)

### [Get started](#)

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### About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds.

As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services and applications to the right people—anytime, anywhere. [www.netapp.com](http://www.netapp.com)



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