# Simplify SAP Cloud Migrations with Reliable, Enterprise-Grade Data Management

Elastifile's scalable NFS storage solution enables seamless SAP cloud integration

The rapid pace of modern business places ever-increasing pressure on the speed and efficiency of internal operations, especially the essential systems managing enterprise processes and customer relations. SAP software provides the foundation for many of these critical workflows and relies heavily on the underlying storage and data management infrastructure. Today, with many SAP-powered organizations looking towards the cloud to improve IT agility and eliminate CapEx commitments, delivering effective cloud-based storage and data management has emerged as a crucial IT challenge.

Migrating SAP workflows to the public cloud now offers clear benefits over legacy on-premises implementations. In the cloud, provisioning and scaling virtualized IT resources is much simpler and more flexible than managing static on-premises hardware...making it easier to support and scale the SAP workflows supporting key business processes. In addition, the transition to cloud-based, OpEx-driven infrastructure provides budget flexibility by eliminating the need for cumbersome upfront CapEx commitments. These benefits, along with the availability of specialized cloud services (e.g. machine learning) have made the public cloud an attractive destination for SAP deployments. However, cloud migration presents important data-centric challenges, such as:

**Delivering natively-compatible persistent storage**
As enterprises seek to reap the benefits of SAP cloud migrations, they must do so without the distraction of complex refactoring projects. Public cloud vendors now support a robust suite of cloud-native SAP applications, but many of these applications rely on persistent storage shared via NFS. As a result, finding a scalable solution for cloud-based, enterprise-grade NFS file storage is essential to acheiving a seamless SAP cloud migration.

**Supporting demanding, HANA-powered workflows**
Whether ingesting data for high-speed OLTP/OLAP, writing critical log files, or capturing database savepoints, HANA workflows rely on the performance of the underlying persistent storage. In the cloud, with scalable compute and memory resources readily available to accelerate HANA processing, the demands on storage are further intensified. To avoid workflow bottlenecks, cloud-based storage must deliver performance and scalability aligned with the demanding requirements of cloud-based HANA deployments.

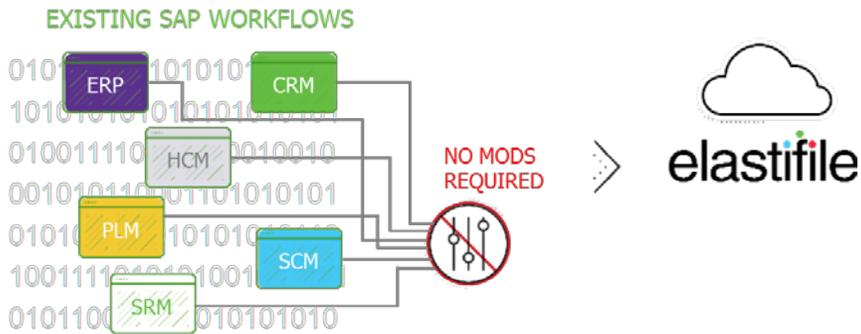**Ensuring data protection and high availability**
SAP workflows process sensitive, business-critical data and necessitate the implementation of robust, enterprise-grade storage solutions. When SAP infrastructure is migrated from on-premises to cloud, cloud-based storage must continue to uphold the expected levels of data protection and data availability...thus insulating SAP workflows from unexpected hardware failures and ensuring consistent, uninterrupted access to essential data.

---

### Meeting the Challenge
**Elastifile was designed to solve data-centric cloud integration challenges, unleashing the power of cloud-integrated SAP workflows.**
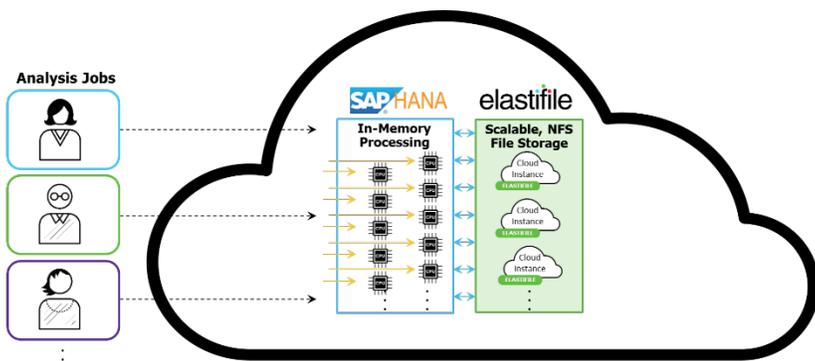
# Enterprise-Grade, Scalable Storage for SAP Cloud Migrations

## EXISTING SAP WORKFLOWS



**Migrate SAP workflows to cloud without refactoring**

Elastifile augments cloud capabilities with enterprise-grade, scalable file storage and provides a natively compatible data platform for cloud-based SAP applications. With access to the same data interfaces (i.e. NFS) and features available via on-premises NAS solutions, these applications can now efficiently leverage scalable cloud-based IT resources and services...with no workflow modifications or refactoring required.

---



**Accelerate HANA-powered management and analytics**

Elastifile's cloud-native, distributed architecture eliminates the performance and scalability bottlenecks that hamper storage products designed for on-premises environments. Designed and built for the cloud, Elastifile delivers the bandwidth, I/O performance, and low-latency required to support demanding HANA-powered cloud workflows. In addition, as cloud-based SAP infrastructure scales to meet business needs, Elastifile storage performance scales linearly to match.
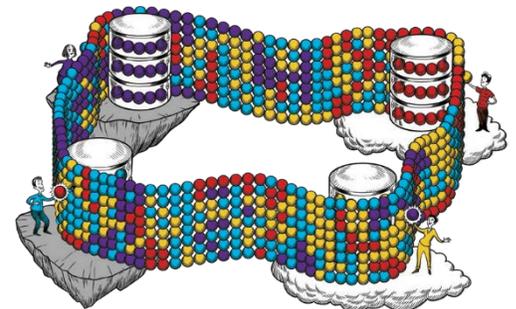
---



**Bring SAP-managed data to cloud with confidence**

Elastifile implements multiple safeguards to ensure data availability and to protect against data corruption, loss, or unauthorized access. Policy-based management governs data access privileges and facilitates configuration to protect against the failure of multiple storage devices, or even the failure of an entire cloud availability zone. If desired, data can be replicated across multiple Elastifile clusters to support enterprise disaster recovery strategies.

---

## About ELASTIFILE

Elastifile helps organizations adapt and accelerate their business in the cloud era. Powered by a dynamically scalable, enterprise-grade distributed file system with intelligent object tiering, Elastifile's cross-cloud data fabric solves the data-centric compatibility, scalability, and mobility challenges inhibiting cloud adoption and expansion. With Elastifile, organizations can seamlessly leverage cloud resources to optimize critical workflows, with no application refactoring required...thereby modernizing their infrastructure and achieving their crucial IT agility and efficiency goals.

Elastifile is based in Santa Clara, California and Herzliya, Israel, with global Sales and Marketing offices in North America and Europe, and R&D in Israel. Founded in 2013, Elastifile is backed by Battery Ventures, Lightspeed Venture Partners, CE Ventures, and seven strategic investors from the cloud, data center, and storage industries, including Dell EMC, Cisco, and Western Digital.

To try Elastifile in minutes using GCP Marketplace, visit us at
**https://www.elastifile.com/google-cloud-platform**