Commvault®

Change the rules for SAP HANA data protection with Commvault® Cloud

With the acceleration of digital transformation initiatives and cloud adoption, hybrid cloud environments are increasingly becoming the norm, presenting a new set of considerations for companies needing to protect their enterprise-critical SAP HANA investments. In fact, as IT organizations move to modernize, managing SAP data can be challenging for those using a legacy or scripted data backup solution that was not designed for today's modern workloads. As companies contemplate moving their SAP HANA deployment to the cloud, they need data protection solutions that are flexible enough to protect their data on-premises or in the cloud, with optimal performance to meet SLAs and safeguard enterprise-critical data against corruption, deletion, or attack.

As companies continue down the path of hybrid cloud transformation, **IDC found that 72% of SAP customers surveyed intend to move their SAP deployment to the cloud**.[1]

Many SAP customers are taking a mixed approach with their SAP database infrastructure. Seamless scale, reduced infrastructure footprint, and cost savings are all reasons to leverage the cloud, while others may remain on-premises because of compliance demands. This is where the adoption of a hybrid cloud model is winning over IT departments. Backup & Reovery for Databases provides a single cloud-delivered solution for SAP customers who are:

• Leveraging the cloud to run a dev/test environment

• Using cloud backup as a first step for a planned migration

• Keeping large data warehouse environments that require performance and quick access to meet SLAs

• Deploying newer SAP HANA workloads directly in the cloud

Despite the advantages of adopting hybrid cloud for SAP HANA, challenges persist, specifically around protection across cloud and on-premises locations. Companies need to ensure their data is protected and have good backup performance, whether they are protecting on-premises or in the cloud. Companies require the option to manage their data close to the source, with cloud or on-premises backup targets to optimize recovery times.

CYBER RESILIENCE: BRINGING THE BENEFITS OF CLOUD TO SAP HANA DATA PROTECTION

Companies shifting workloads to the cloud for scale and reduced on-premises infrastructure understand the value of a cloud-delivered solution. Similarly, with Commvault, customers get an agile SaaS-delivered data backup solution that simplifies deployment and ongoing management and can reduce the total cost of ownership. Because Commvault is built with the power of Microsoft Azure, it offers a proven solution with ultimate flexibility, security, and scale.

Commvault®

- Robust integration with vendors' native tools
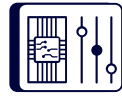
- Enables greater self-service for database administrators

- Protect structured data running on-premises or in the cloud

- Active on-premises backup copies and write secondary copies to the cloud

- Role-based, SSO, SAML authentication controls

- Anomaly detection and air-gapped copies for ransomware protection

FLEXIBILITY FOR SAP HANA BACKUP STORAGE

A cyber resilient solution should be able to not only backup data seamlessly to the cloud, but also offer flexibility to support a customer's on-premises backup storage targets.

Companies should be able to choose.

Do they need to backup to on-premises storage and send a secondary copy to the cloud? Is it more beneficial to backup directly to the cloud as they prepare to migrate their SAP HANA application? Or are customers already running SAP HANA in Azure and want seamless adoption of Azure cloud storage together with their backup solution?

At Commvault, we've architected our offering to allow for helping customers optimize their backup performance while meeting RTO and RPOs, no matter where they are in their cloud journey. Companies can take advantage of cloud scale with Commvault cloud storage options or use on-premises storage locations for faster recovery when speed matters. Options are available for multiple target locations either through Commvault, an existing cloud storage provider, or storage on-premises, the choice is yours.

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BACKUP & RECOVERY FOR DATABASES: BEST-IN-CLASS BAAS FOR SAP HANA

Commvault provides a SAP-certified and integrated end-to-end backup and recovery solution for SAP HANA. The integration combines a full implementation using SAP HANA standards, including differential and incremental backups with a modern, easy-to-use web interface and scalable architecture. Commvault Database Backup with SAP HANA support is extremely flexible and universal. It enables you to meet a wide range of SLAs with all the important SAP HANA configurations, either on-premises or in the cloud.

BENEFITS OF COMMVAULT CLOUD

Integration and certification
Certified by SAP to protect your critical databases in the right way with tight API integration.

Hybrid cloud support
Backup SAP HANA on-premises and in the cloud with one simple, enterprise-grade solution.

Flexible, granular recovery
Restore the databases you need to any point in time, directly from the cloud or from a local copy with SaaS Plus; let Commvault pick the fastest way.

Efficiency
Built-in deduplication minimizes network traffic and backup storage needs, boosting performance and helping to easily meet RPOs and RTOs.

Governance & security
Role-based management, layered security and ransomware protection, built-in encryption, SOC2 Type II and ISO. IEC 27001:2013 certifications.

Single solution for your needs
Get single pane of glass management for BaaS that goes beyond database backup, covering VMs, containers, unstructured data, and SaaS applications.

Performance
Automatic multi-streaming combined with enterprise scalability and storage flexibility ensures maximum backup and restore performance.

Flexibility
Use local block or file storage for local backup copies for maximum performance on-premises, like HyperScale X or managed cloud storage like Azure NetApp Files for databases running in the cloud. Easily handle multi-tenant database container backup and restore.

SUMMARY

Companies engaging in digital transformation initiatives need trusted, secure, and performant data protection tools to safeguard their SAP HANA—today and tomorrow. By adopting Commvault as a smart and flexible BaaS solution, they can ensure future-proof protection to meet SLAs running on-premises and in the cloud, while reducing administrative overhead of managing and maintaining a data backup solution. With Commvault and Microsoft technology, Backup & Recovery for Databases delivers enterprise-grade solution for data protection that is cost-optimized, flexible, secure, and easy to manage.

SAP® Certified
Hardware for SAP HANA®

1   SAP Customers on the Move to SAP S/4HANA. June 2019. Sponsored by SAP.