

Protect SAP and SAP HANA data with Red Hat and SEP

“We operate and host SAP systems for our customers. For data backup we use SEP sesam with an MSP license. This is the optimal solution for our infrastructure, which is also based on Red Hat Virtualization and is very attractive in terms of price.”

Axel Borchmann

Head of SAP Managed Services,
Collogia IT Services GmbH

Introduction

The ability to perform a comprehensive backup and restore of an SAP® environment is critical to many businesses that rely on SAP solutions to manage their customer relationships and business operations. Data protection and security laws—for example, the EU General Data Protection Regulation (GDPR), the EU NIS Directive, and IT Security Act—amplify the importance. But ensuring the protection of the complete environment can be challenging, especially for those offering SAP solutions with an as-a-service approach and a need to meet service level agreements based on recovery point objectives (RPOs) and recovery time objectives (RTOs).

SEP sesam safeguards SAP and SAP HANA® data in Red Hat® environments, making sure it is continuously protected and available. Red Hat solutions and SEP sesam complement each other, offering high availability and scalability on physical and virtual environments with disaster recovery and backup for the complete IT environment. The combination of Red Hat Enterprise Linux® for SAP Solutions and SEP sesam is a data protection solution with a low cost of acquisition and minimal ongoing maintenance costs to reduce the total cost of ownership. SEP sesam has been certified by SAP for more than 15 years and supports SAP HANA running on Red Hat virtualized environments.

Protecting the complete SAP and SAP HANA environment

Universal support for complex system environments distinguishes SEP sesam in the data protection market. The solution provides enterprise-grade backup for a broad range of heterogeneous, hybrid cloud, and virtualized environments. It is easy to set up and use, and it works independently of storage or operating systems.



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¹ SEP success story. “Collogia IT Services GmbH.”
<https://www.sepsoftware.com/resources/references/details/collogia-it-services-gmbh-2/>.

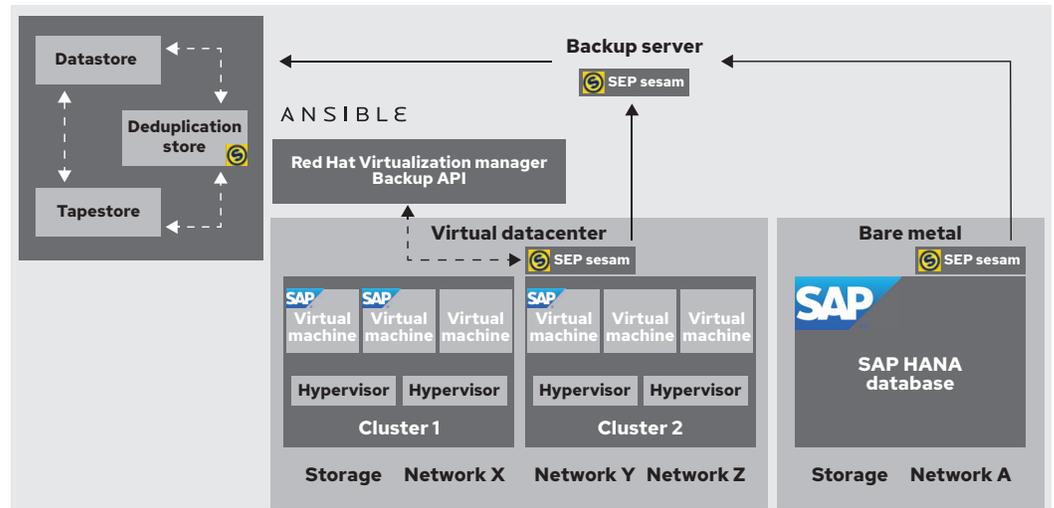


Figure 1. SEP sesam data protection for SAP and SAP HANA

The SEP sesam agent runs on a host that connects to a central backup server via the Red Hat Virtualization application programming interface (API). SEP sesam uses the live snapshot capabilities built into Red Hat Virtualization to grant disaster recovery backups. It performs consistent backups of the database via the given backup API of the database, resulting in no downtime. The combination of SEP sesam with Red Hat solutions automatically protects the complete SAP and SAP HANA environment with high availability and disaster recovery capabilities to maintain IT resiliency.

SEP sesam supports backup of any SAP environment, including SAP HANA and classical databases such as Oracle, SAP Adaptive Server Enterprise, MaxDB, and IBM Db2 (AnyDB), with no additional investment required as one migrates to SAP HANA. Consolidating multiple backup systems in a centrally administrable solution keeps business-critical data always available—saving time, capital, and operating costs.

SEP sesam integration with Red Hat

SEP sesam integrates with Red Hat automation tools such as Red Hat Ansible® Automation Platform and Red Hat CloudForms®, which permits provisioning and management across virtual machines and private clouds. It also works with Red Hat Satellite, the infrastructure management solution for Red Hat Enterprise Linux, supporting everything from physical machines to hybrid multicloud environments. Integration throughout the Red Hat software stack results in increased performance, security, and value when other products, like Red Hat OpenShift® Container Platform, are added.

SEP and Red Hat strategic alignment

SEP has been a Red Hat Advanced Business Partner for 15 years, and SEP sesam was the first certified recovery solution for Red Hat Virtualization. Like Red Hat software, SEP software is open source-based and SAP-certified. SEP offers Red Hat certified expertise and a track record of completing successful Red Hat projects.

Conclusion

SEP sesam data protection for SAP and SAP HANA provides the following benefits:

- **Comprehensive protection.** SEP sesam protects the whole IT environment—not just the SAP application—to provide the business continuity that enterprises and service providers count on.
- **Quality engineering.** More than 25 years of German engineering experience and a deep understanding of GDPR requirements have gone into the development of SEP sesam, which keeps users compliant.
- **Open source mentality.** SEP sesam offers a flexible licensing model to align with Red Hat products, reducing complexity.

Learn more

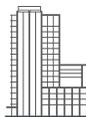
For more information, visit www.sepsoftware.com or call +49 (0)700 737 787 767 8.

About SEP

SEP is the developer of backup and disaster recovery solutions for the protection of cross-platform, heterogeneous IT environments. SEP has been developing and marketing enterprise data protection solutions since 1992. SEP has a strong partner network and relies entirely on resellers for its sales. Customers in more than 50 countries include top-tier universities and market leaders in healthcare and the financial sector.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



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