



Modernize your SAP landscape with Red Hat and AWS



Run, simplify, and expand your SAP operations

Red Hat and AWS offer a reliable, security-focused cloud foundation for SAP workloads.

Speed operations across your critical business functions with:

- ▶ [Red Hat Enterprise Linux for SAP with High Availability and Update Services.](#)
- ▶ [Red Hat Ansible Automation Platform.](#)
- ▶ [Red Hat OpenShift.](#)
- ▶ [AWS EC2 and cloud services](#)

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Speed business operations on a cloud-native platform

Innovative technologies from SAP can streamline and enhance business operations across your organization. With real-time analytics powered by artificial intelligence (AI) and flexible cloud deployment options, SAP solutions help you expand your enterprise resource planning (ERP) capabilities and gain deeper insights into critical business functions. But without the right hardware and software foundations, it can be challenging to adopt new features and capabilities across your SAP landscape.

Red Hat and Amazon Web Services (AWS) provide a trusted, reliable foundation for your SAP workloads. With [Red Hat® Enterprise Linux® for SAP with High Availability and Update Services](#) deployed on [Amazon Elastic Compute Cloud \(Amazon EC2\)](#) resources, you can run, simplify, and expand your SAP operations. Migrate your SAP landscape to a trusted, security-focused operating system in an efficient, scalable cloud environment. Simplify SAP management tasks—including Day 1 setup and Day 2 operations—across your cloud environment with precomposed automation content. And speed deployment of custom and third-party SAP applications on a modern, container-based software foundation.

Run critical workloads on a reliable, trusted foundation

Joint solutions from Red Hat and AWS provide a stable, scalable, security-focused operating foundation for your SAP landscape. Certified for SAP deployments, AWS cloud-native virtual and bare-metal instances and storage options help you optimize performance across your SAP environment. Available from Red Hat through the AWS Marketplace, Red Hat Enterprise Linux for SAP with High Availability and Update Services is co-engineered with SAP to deliver speed and continuous availability in cloud environments. It includes capabilities that meet SAP-specific workload requirements and provides the reliability you need to deliver innovative ERP services. And with high availability features across the entire joint solution, you can implement disaster recovery architectures for critical SAP applications without the effort or cost of building and operating separate datacenter facilities.

Smart, scalable lifecycle management can reduce cloud environment complexity. Red Hat and AWS solutions include advanced tools to help you manage your SAP landscape—from provisioning and scaling to policy enforcement and decommissioning—efficiently and reliably. [Red Hat Enterprise Linux system roles](#) consistently configure your systems for optimal performance based on guidance from Red Hat and SAP. [Red Hat Insights](#) uses predictive analytics to identify and automatically remediate potential issues according to SAP-specific rules and Red Hat and SAP recommendations. AWS services and resources—including [AWS Nitro System](#) and SAP-certified [Amazon EC2 High Memory Instances](#)—help you maximize SAP workload performance and scale on demand.



Red Hat Enterprise Linux offerings for SAP environments

Red Hat provides 2 [optimized Red Hat Enterprise Linux offerings](#) for SAP environments.

- ▶ [Red Hat Enterprise Linux for SAP with High Availability and Update Services](#) is available directly through the AWS Marketplace. It includes the High Availability, Update Services, and Extended Update Support components, as well as [Red Hat Insights](#).
- ▶ [Red Hat Enterprise Linux for SAP Solutions](#) is available on AWS via [Red Hat Cloud Access](#). It includes the High Availability, Update Services, and Extended Update Support components, as well as [Red Hat Satellite](#) and [Red Hat Insights](#).



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Simplify operations with advanced automation

Automation technologies can speed and simplify tasks across your SAP landscape, reducing manual effort, improving accuracy, and streamlining operations. From deployment and migration to management and optimization, Red Hat’s certified automation content lets you automate SAP workload lifecycles on Red Hat Enterprise Linux across your AWS infrastructure. Increase the availability and reliability of your SAP landscape by automating error-prone manual tasks and workflows—like provisioning, service management, and system patching—using Red Hat Enterprise Linux system roles and [Ansible® automation hub](#) content. Consistently provision and configure your environment—including Red Hat Enterprise Linux and AWS EC2 infrastructure—using standardized processes aligned with SAP requirements. Migrate to new SAP solutions efficiently and reliably with flexible automation technologies that let you rapidly replicate data and deploy SAP workloads in your AWS environment. And boost the resiliency of SAP workloads running on Red Hat Enterprise Linux with event-based automated workflows that detect and remediate potential problems before they become critical issues.

Expand capabilities with modern, cloud-native applications

Integrating innovative applications with your SAP systems can help your business optimize processes, enhance decision making, and explore new growth opportunities. As you modernize your existing SAP workflows, Red Hat provides an enterprise-grade, cloud-native platform for running all of your workloads—including critical SAP side-by-side applications—in your AWS environment. With Red Hat Enterprise Linux as the operating foundation, [Red Hat OpenShift®](#) includes everything you need to build, run, and manage SAP workloads using modern technologies and practices like [microservices](#), [serverless](#), and [DevSecOps](#). With multiple deployment and management options, this modern software foundation lets you run your SAP side-by-side applications in self-managed or [fully managed](#) environments across on-site datacenters and AWS resources. Self-service capabilities, combined with a large selection of included runtimes and frameworks, let you access the resources and tools you need to rapidly create and integrate innovative applications and services with your SAP systems. And with native AWS services based on modern technologies—like AI, data lakes and analytics, and Internet of Things (IoT)—you can develop high-value applications that exceed user expectations.

Learn more

Red Hat and AWS deliver a robust, flexible platform for SAP operations that enhances your ERP capabilities, simplifies workload management, and automates critical tasks. [Learn how](#) trusted Red Hat software and scalable AWS cloud infrastructure can help you confidently run, simplify, and expand your SAP operations.

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 develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. [A trusted adviser to the Fortune 500](#), Red Hat provides [award-winning](#) support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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