



Lenovo






# Accelerate and automate SAP operations



## Red Hat and Lenovo partnership

With joint solutions from Red Hat and Lenovo, you can purchase both hardware and software directly from Lenovo. And if a problem arises, Lenovo provides a single point of support to resolve issues across your Lenovo and Red Hat infrastructure.

[Read more](#) about the Red Hat products offered and supported by Lenovo.

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## Streamline data analytics for rapid business insights

Almost half of digital leaders view data analytics as 1 of their best-performing investments over the past 3 years.<sup>1</sup> But storage latency can often slow down transactional and analytical database queries, making it difficult to extract critical business insights. As an in-memory database, SAP HANA® running on high-performance, reliable hardware and software infrastructure can rapidly store and process terabytes of data to deliver real-time data analysis capabilities. Together, Red Hat and Lenovo deliver a foundation that simplifies and speeds your most demanding data analytics operations.

## Build and automate a modern SAP environment

Red Hat and Lenovo combine leading hardware and software into fully integrated, validated, certified solutions optimized for in-memory database operations. Available as SAP HANA appliances or Tailored Datacenter Integrations (TDI), [Lenovo Solutions for SAP HANA](#) are designed to support the data analysis requirements of any business. [Lenovo ThinkSystem servers](#) feature modern architectures with advanced hardware technologies—including DDR5 (Double Data Rate 5) memory, NVMe (nonvolatile memory express) storage, and the latest Intel® Xeon® Scalable processors—packaged in a modular, expandable form factor. [Lenovo ThinkAgile software-defined infrastructure](#) simplifies server and storage deployments by pooling resources into a single virtualized infrastructure.

The result of a long-standing collaborative relationship between Red Hat and SAP, [Red Hat® Enterprise Linux® for SAP Solutions](#) combines the reliability, scalability, and performance of [Red Hat Enterprise Linux](#) with features and capabilities that meet specific SAP workload requirements. [Red Hat Satellite](#) lets you provision, patch, configure, and control your Red Hat Enterprise Linux systems from a single console to ensure consistent maintenance and quickly remediate configuration drift. Using SAP-specific rules, [Red Hat Insights](#) delivers predictive operating system analytics and rapidly identifies and remediates threats to availability, security, stability, and performance. Included with Red Hat Enterprise Linux for SAP Solutions, the [Red Hat Enterprise Linux High Availability Add-On](#) is an automated high availability solution that reduces unplanned downtime in scale-up and scale-out deployments using native SAP HANA high-availability capabilities.

A foundation for building and operating automation services at scale, [Red Hat Ansible® Automation Platform](#) delivers all the tools and capabilities you need to streamline management and maintenance of your SAP environment. It provides a single framework that helps you automate all aspects of your IT infrastructure—including your Lenovo ThinkSeries and ThinkAgile servers, Red Hat Enterprise Linux installation, and SAP applications. With an easy-to-read automation language, a composable execution environment, and security-focused collaboration capabilities, Ansible Automation Platform helps you create, scale, and deploy automation across your entire organization.

<sup>1</sup> Nash Squared. "Nash Squared digital leadership report 2023," November 2023.



## Streamline SAP operations

Manual operations can result in poor performance, potential downtime, and increased security risks for your SAP landscape. Red Hat Ansible Automation Platform helps you streamline operations across your SAP and IT environments.

Organizations that use Ansible Automation Platform experience:<sup>2</sup>

- ▶ **667%** five-year return on investment (ROI).
- ▶ **75%** faster deployment of new storage resources.
- ▶ **76%** reduction in unplanned downtime.

## Automate operations across SAP environments

With Red Hat Ansible Automation Platform, you can increase the reliability of your SAP environments based on Red Hat Enterprise Linux and Lenovo ThinkSystem and ThinkAgile servers.

### Speed infrastructure operations

Automating operations with Ansible Automation Platform streamlines IT management tasks across Lenovo Solutions for SAP HANA. Automate individual tasks and entire workflows to create predictable, repeatable processes that help you reduce time spent on manual work, deliver resources faster, and rapidly adapt to changes.

### Boost productivity and efficiency

IT teams can accomplish more each day with joint solutions from Red Hat and Lenovo. With [Red Hat Enterprise Linux System Roles for SAP](#), you can automatically deploy SAP systems quickly and accurately using SAP-certified automation content. For example, you can automatically provision Lenovo servers, download software installation kits, and apply SAP installation notes.

### Increase reliability and availability

Ansible Automation Platform helps you increase the reliability and availability of both your SAP and non-SAP services. Create automation content to speed recovery from incidents with automated failover and backup processes that help you deliver uninterrupted, real-time business insights.

### Improve security and compliance

Ansible Automation Platform can help you improve security and compliance across your entire organization. Automate patching processes to update systems and applications faster and more easily, and apply and enforce policies across your entire environment—all without manual intervention.

## Learn more




Learn more about how [Red Hat and Lenovo](#) can help you speed and simplify your SAP operations.

<sup>2</sup> IDC White Paper, sponsored by Red Hat. "The Business Value of Red Hat Ansible Automation Platform," October 2021. Doc. #US48678022



### 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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