

Red Hat Enterprise Linux for SAP Solutions

Reduce complexity in SAP environments with Red Hat Smart Management

Red Hat Smart Management highlights:

- Manage SAP landscapes across on-premise, hybrid cloud, and multicloud environments.
- Administer at scale to meet the demand for thousands of distributed systems across multiple datacenters and in the cloud.
- Protect your environment from identified risks by executing remediation plans with one click.

The move to hybrid and multicloud environments increases the complexity of managing SAP landscapes. Key challenges include managing systems on-premise or in cloud, ensuring systems are always up to date and easily scalable, proactively monitoring, analyzing, and remediating any security vulnerabilities, and maintaining compliance with industry and SAP standards.

SAP landscapes can be complex and resource-intensive to manage. SAP deployments must be kept up to date in accordance with SAP notes to maintain eligibility for SAP support. SAP basis teams also need to migrate traditional SAP workloads to SAP HANA® and SAP S/4HANA® by 2027. In addition, they need a way to efficiently and proactively manage SAP landscapes to maximize uptime, prevent security breaches, and maintain compliance—regardless of where the workloads are running.

Red Hat Smart Management

The Red Hat® Smart Management bundle certified for SAP helps optimize and manage SAP on Red Hat Enterprise Linux®, regardless of where the SAP workloads are running. It offers the ability to manage SAP workloads from on-premise to the network edge and addresses key IT challenges around vulnerability, compliance, provisioning, and patching.

Red Hat Smart Management certified for SAP combines the flexible and powerful infrastructure management capabilities of Red Hat Satellite and Red Hat Insights. It gives you the ability to create and execute remediation plans from Red Hat Insights using playbooks provided by Red Hat and tested with SAP. It helps manage any workload running on Red Hat Enterprise Linux—wherever you choose.

Red Hat Satellite

Red Hat Satellite is specifically designed to keep Red Hat Enterprise Linux environments and other Red Hat infrastructure running efficiently, securely, and in compliance with corporate and regulatory standards. Red Hat Satellite allows you to manage your entire infrastructure, including content, patches, provisioning, and subscription management, from a single console. Red Hat Satellite also helps standardize your SAP landscape on Red Hat Enterprise Linux to improve system consistency, reduce configuration errors, and meet compliance requirements.

Red Hat Satellite includes prebuilt system roles and automation for SAP that can dramatically reduce the time to provision SAP landscapes. It automatically preconfigures Red Hat Enterprise Linux for SAP workloads based on all relevant SAP notes.

Red Hat Insights

Red Hat Insights is a cloud-based configuration assessment and proactive remediation tool. It uses predictive analytics to assess and remediate risks across areas of performance, stability, security, and availability. It identifies issues in these areas and identifies discrepancies with best practices specific to SAP software, based on more than 20 years of Red Hat knowledge and experience working closely with SAP. Red Hat Insights can help you:

- Use built-in remediation guidance to take manual action or to create playbooks to resolve at scale with Red Hat Ansible Automation Platform or Red Hat Smart Management.
 - Prioritize actions on the basis of severity, type of risk, and the impact of change.
 - Quickly assess and manage configuration drift across large inventories of servers running similar workloads.
- ▶ **Improve operational confidence.** Increase reliability of SAP services by identifying performance and configuration risks before downtime occurs. With less downtime, IT can focus on higher-value projects and deepen their skills.
 - ▶ **Continually manage vulnerability risks.** Identify risks in advance, and filter to focus on the most important ones. You can continually analyze against a large volume of SAP, Red Hat, and industry vulnerability and compliance advisories, as well as your own policies, without manual steps.
 - ▶ **Save time and money.** Red Hat Insights includes many SAP-specific rules that implement SAP Notes, as well as other Ansible® automation artifacts. It reduces the cycle of detect, assess, repair, restore for common vulnerabilities and exposures (CVEs), and configuration errors from days down to hours or minutes. It also provides advice and automation for configuring instances running on Amazon Web Services (AWS), Microsoft Azure, IBM, and Google clouds.
 - ▶ **Resolve at scale with Red Hat Satellite.** Easily use Red Hat Insights from within Red Hat Satellite.

Why Red Hat

SAP S/4HANA migration should not be the end goal, but a starting point for flexibility and agility, now and in the future. Standardizing on a Red Hat platform by building on Red Hat Enterprise Linux for SAP Solutions, using Red Hat Ansible Automation Platform to reduce time and cost, and anticipating future cloud deployments and containerization with Red Hat OpenShift® can help you become a more intelligent enterprise.

A recent business value of using Red Hat open source solutions for SAP workloads by IDC Research¹ found the following benefits:

- ▶ 61% more efficient IT infrastructure teams
- ▶ 24% more efficient IT security
- ▶ 54% faster time to deploy new compute resources
- ▶ 63% faster time to deploy new storage resources
- ▶ 32% higher developer productivity
- ▶ 24% faster development life cycles for new applications

For more on how you can benefit from Red Hat solutions for SAP visit redhat.com/sap or email us at sap@redhat.com.

¹ "The Business Value of Using Red Hat Open Source Solutions for SAP Workloads." IDC Research, Inc., June 2021.



About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

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