8 tech tips for managing SAP workloads

Red Hat offers a complete software infrastructure stack for your SAP workloads, including a reliable operating system (OS), high-performance virtualization hypervisor, open source cloud platform, Kubernetes-based container technologies, and management and automation tools. The following labs will help you learn more to meet your organization's needs.

1 Get started with service administration basics

Moving SAP, running on another platform, to Red Hat® Enterprise Linux®? Service management on Red Hat Enterprise Linux is handled through systemd, a daemon that starts system services at boot and offers administrators the ability to stop, start, or restart services on a running system. Systemd can also be configured to monitor the state of a service and restart it if needed.

Interested? View the service administration basic lab.

2 Install software using package managers

Moving to Red Hat Enterprise Linux from another OS? Installing, upgrading, and managing software is a critical skill for Red Hat Enterprise Linux administrators.

Take a look at the package managers lab.

3 Reduce downtime with automation

System Administrators need capabilities for scale. With Red Hat Enterprise Linux for SAP Solutions, you can fully automate your SAP deployment and management of SAP HANA® landscapes as well as the Red Hat infrastructure. Help your practitioners automate critical transitions like system and software upgrades with near-zero downtime, and support high availability and disaster recovery for scale-up and scale-out SAP HANA deployments with fully supported Red Hat High Availability Clustering technologies.

Read more about high availability and disaster recovery solutions for SAP.

4 Reduce maintenance with kernel live patching

Red Hat Enterprise Linux for SAP Solutions provides live kernel patches for common vulnerabilities and exposures rated critical or important, at no extra cost. Kernel live patching allows you to patch a running kernel to address vulnerabilities in less time without rebooting your system—minimizing downtime without compromising your focus on security.

Find out more about applying kernel live patches to running systems.

5 Provide automatic health, discovery, and security assessments

System Administrators benefit from proactive monitoring and remediation services for their SAP infrastructure. Learn more about Red Hat's application-focused view for SAP HANA deployments, making it easier to manage SAP systems.

Read more about Red Hat Insights.

6 View reported issues and remediate with ease

Red Hat simplifies SAP System Administrator tasks by analyzing systems with suggested remediation guidance using Red Hat Insights. Besides SAP-specific content, Red Hat Insights can find different issues that may not be obvious to administrators, but can affect the viability of systems. Things like a mistake in a critical configuration file that would render a machine inoperable on the next reboot, misconfiguration of service settings that could add attack risk to your infrastructure, or even complex issues with interactions between different service configurations.

Interested? View the Red Hat Insights lab.

7 Build a standard operating environment with system roles

Efficiently manage systems across different Red Hat Enterprise Linux versions with system roles that provide consistent workflows and streamline the execution of manual tasks, requiring less time. For SAP System Administrators, Red Hat offers roles tailored to prepare systems with SAP recommended configuration, prior to installing software, and to report how systems are configured.

Find out how system roles are configured.

8 Try Red Hat Enterprise Linux for SAP Solutions at no cost

Start your no-cost, 60-day trial of Red Hat Enterprise Linux for SAP Solutions and get access to the technology, documentation, videos, discussions with peers, the customer portal, and more.

Are you ready to start your trial?

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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