

# Accelerate SAP S/4HANA migration

Improve migration speed and reliability with Red Hat Ansible Automation Platform



## Migrate your SAP environments more easily

Many organizations rely on SAP databases and applications to manage their business and must migrate to SAP HANA and S/4HANA by 2027 to continue receiving support from SAP. Key migration steps include:

- Creating and configuring the target infrastructure.
- Deploying new SAP software on the target infrastructure.
- Replicating data from the existing to the target environment.
- Testing the new setup.
- Moving virtual IP addresses to the new copy of the data.
- Deprecating the old environment.

You can automate most of these steps to increase the speed and accuracy of your migration.

## SAP migration is imperative

Your SAP® landscape is the core of critical business operations like enterprise resource planning, supply-chain management, and customer experience administration. SAP HANA® and SAP S/4HANA® provide increased speed, scale, and innovation, as well as cloud capabilities, for your organization. To take advantage of new features and continue receiving support from SAP, you must migrate to SAP HANA and SAP S/4HANA by 2027.

Even so, migration can be challenging. Migrating to SAP S/4HANA is a long and complex process. You must create and correctly configure your target infrastructure, replicate data, test and validate your new setup, and redirect workloads to the new environment. Performing these steps manually can be time consuming and error-prone, leading to schedule delays, inconsistencies, inaccuracies, and potential downtime.

Automation can help you migrate to SAP S/4HANA more rapidly, efficiently, and reliably. With the right platform, you can automate most of the steps involved in SAP environment migrations. In fact, 39% of SAPinsider Community members plan to use automation for SAP S/4HANA migration.<sup>1</sup>

Red Hat® Ansible® Automation Platform can help you migrate to SAP S/4HANA today and allows you to adopt and expand automation throughout your IT and SAP environment at your own pace.

## Simplify migration with Red Hat Ansible Automation Platform

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 your SAP S/4HANA migration and automate your IT and SAP environments. It combines a simple, easy-to-read automation language with a trusted, composable execution environment and security-focused sharing and collaboration capabilities. Multiple domain teams can use Red Hat Ansible Automation Platform, allowing you to create, scale, and deploy your automation across your [entire organization](#).

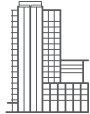
Red Hat Ansible Automation Platform is a single framework that helps you automate all aspects of your SAP and [IT infrastructure](#), from servers and [network devices](#) to [operating systems](#), applications, and [security](#). Through modules, it connects your existing tools and processes with a common language. Red Hat Ansible Automation Platform also provides SAP-specific content that you can build into automation playbooks and use in migration scenarios. The agentless architecture lets you easily introduce automation into your existing infrastructure. And Red Hat Ansible Automation Platform includes tools to help you optimize your automation content and use.

Red Hat Ansible Automation Platform delivers many benefits for SAP S/4HANA migrations.



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<sup>1</sup> SAPinsider. "Integrating Process Automation and SAP S/4HANA," June 2020.



### 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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## Accelerate SAP S/4HANA migration

Red Hat Ansible Automation Platform provides the capabilities needed to speed your migration to SAP S/4HANA and reduce associated migration downtime. Connect domain teams and encourage collaboration with cross-functional automation. Programmatically provision and configure your target environment – including infrastructure and network components, operating systems, and applications – according to SAP HANA and SAP S/4HANA requirements. Easily replicate data to the new environment and redirect virtual IP addresses. Quickly deploy SAP workloads onto new infrastructure. Organizations that use Red Hat Ansible Automation Platform experience 55% faster new server resource deployment, 66% faster new storage deployment, and 66% faster resource configuration.<sup>2</sup>

## Increase SAP environment reliability

Automating with Red Hat Ansible Automation Platform can help you increase the reliability and consistency of your SAP environment. Standardize infrastructure provisioning and configuration processes across your environment. Automate error-prone manual tasks to improve accuracy and dependability. In fact, organizations that use Red Hat Ansible Automation Platform experience 53% less unplanned downtime and 34% shorter mean time to recovery (MTTR).<sup>2</sup>

## Deploy automation across your organization

Red Hat Ansible Automation Platform includes all the tools needed to deploy automation across your entire organization. Build from your migration automation to streamline infrastructure management and operation of your new environment. Connect and automate existing systems, tools, and applications at your own pace. Reduce tedious tasks to increase staff efficiency and free time for innovation and high-value projects. Organizations that use Red Hat Ansible Automation Platform experience 68% more productive IT infrastructure management teams, 41% more efficient application environment management teams, and 25% more efficient IT security teams.<sup>2</sup>

## Learn more

Automation can ease your migration to SAP HANA and SAP S/4HANA. Red Hat Ansible Automation Platform provides the tools you need to boost migration speed, efficiency, and reliability while laying a foundation for automating day 2 operations.

**Learn more about automating your SAP migration at [redhat.com/sap](https://redhat.com/sap).**

<sup>2</sup> IDC White Paper, sponsored by Red Hat. "Red Hat Ansible Automation Improves IT Agility and Time to Market," June 2019. Document #US45090419.