Streamline and Accelerate SAP to Azure Migration

with TechM and Red Hat Ansible
Automation Platform

Abstract

Enterprises are increasingly migrating from traditional SAP environments to SAP HANA and SAP S/4HANA as SAP ECC will approach its end-of-life by 2027.

A study conducted among SAP customers found that SAP S/4 HANA was critical for business success for 43% of those surveyed, as it would optimize their digital transformation journey . As enterprises increasingly continue to adopt S/4 HANA, they are also progressively migrating to the cloud, evidenced by a 65% increase in SAP S/4HANA cloud revenue by the end of 2021 . Enterprises are opting to migrate to the cloud for the following benefits:

- Improved scalability for better resource management.

- Reduced capital expenditure due to cloud-based infrastructure.

- Simplification of IT infrastructure.

- Access to emerging and advanced technologies, including AI, chatbots and IoT.

- Enhanced operational flexibility and business agility.

But the migration can be complex and challenging. Firstly, the migration process can be incredibly taxing on an organization's resources - involves replatforming to the cloud infrastructure and thorough testing and validation of the new environment. Furthermore, the migration of data must be done securely and efficiently to the new SAP S/4 HANA environments.

Introduction

To address these challenges, enterprises must implement automation in their migration journey. Automating the migration process ensures acceleration of cloud deployment, and enables enterprises to manage their resources more efficiently, resulting in greater productivity.

'According to an SAPinsider survey, 39% of existing SAP customers are employing automation in their SAP S/4 HANA migration.

And here is how automation is driving value in their migration journey:

Faster and efficient migration of SAP systems to the cloud.

Reduction of costs due to lessened manual intervention and automation of mundane tasks.

Mitigation of risks in the migration process.

Enhanced scalability of migration initiatives.

Our Solution

Automate all aspects of SAP migrations leveraging Red Hat Ansible Automation Platform

Tech Mahindra and Red Hat partnered to address migration challenges using the Ansible Automation Platform to help enterprises automate all aspects of SAP and IT infrastructure, from servers and network devices to operating systems, applications, and security. Our joint offering delivers all the tools and capabilities enterprises need to streamline automating SAP HANA and SAP S/4HANA migrations on the Azure cloud with simple, easy-to-read automation language, a compassable execution environment, and security-focused collaboration features. Tech Mahindra is also a trusted Microsoft partner with the expertise to automate the migration of traditional SAP to S/4 HANA to Azure and optimize the SAP S/4 HANA.
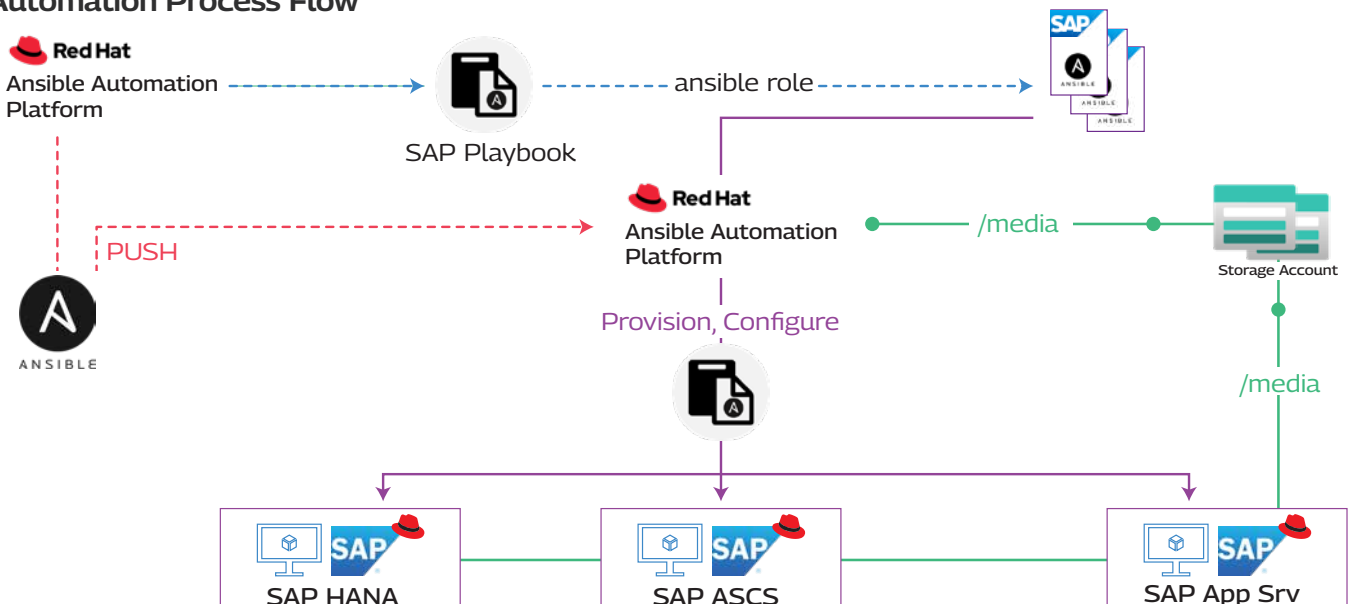
This Tech Mahindra and Red Hat offering empowers enterprises with capabilities required to streamline SAP S/4HANA migration on an end-to-end basis, including:

Ansible automation	Cloud services	Certified content
Ansible Automation Platform provides an enterprise framework for building and operating IT automation at scale, from hybrid cloud to the edge. The platform enables users across an organization to create, share, and manage automation, from development and operations to security and network teams.	Cloud services that facilitate team collaboration and provide operational analytics for automating heterogeneous and hybrid environments.	Extended native platform capabilities with certified, supported content designed to expand the automation domain and accelerate adoption for enterprise customers.

The joint offering also helps enterprises to automate:

Deployment of infrastructure	Installation and configuration of SAP S/4 HANA
Automates the provisioning of infrastructure on Azure, including VM, network, storage, operating system, and satisfying prerequisites for SAP S/4 deployment.	Automates SAP HANA and SAP S/4 HANA installation on Red Hat Enterprise Linux, including high availability configuration.

Automation Process Flow

Benefits

How does the Red Hat Ansible Automation Platform impact your overall business?

90% Reduction in configuration time

498% ROI over five years

25% More efficient security teams

53% Reduction in unplanned downtime

68% More productive teams

135% More applications developed

The NXT.NOW™ Advantage

Through TechM's partnership with Red Hat, enterprises can benefit from Ansible automation platform's robust automation capabilities while getting the benefits of the cloud, including better security, scalability, and superior performance.

Enable rapid, efficient, and reliable SAP migrations with TechM and Red Hat Ansible Automation Platform.

Start a free trial

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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