

Red Hat Ansible Automation Platform

An expansive foundation for building and operating automation at scale

Introduction

An enterprise automation platform delivers agility and flexibility to your IT organization with the power to solve problems once, scale automation with knowledge and control, and collaborate across the business with policy and governance.

Red Hat® Ansible® Automation Platform can meet customers where they are in their automation journey, providing them a flexible foundation to facilitate success from multiple points in their IT infrastructure. Multiple roles within the business can use Red Hat Ansible Automation Platform, bringing the power of enterprise automation to more than just traditional DevOps workflows. Ansible Automation Platform provides security for content management, powerful analytics around automation deployments, and building blocks that shorten the time to value when getting started with automation.

Customer opportunity

Automation has become a top priority for organizations due to the increased speed, scale, and complexity of their hybrid and multicloud environments. Enterprises not only need the ability to easily create automation, but they also need to be able to share and reuse automation across projects and teams with the right level of governance and control. Red Hat Ansible Automation Platform combines the simplicity and composability of Ansible with the ability to scalably share automation with security. It helps enterprises expand the scope and scale of their automation more rapidly to increase efficiency and improve productivity.

[Named a Leader by Forrester Research](#) in the Forrester Wave™: Infrastructure Automation Platforms, Q3 2019, Red Hat Ansible Automation Platform integrates Red Hat's powerful automation suite consisting of Red Hat Ansible Tower, Red Hat Ansible Engine, and Red Hat Network Automation with Software-as-a-Service (SaaS)-based capabilities and features to improve effectiveness across organizations. It covers the Ansible automation use cases customers are already familiar with, including automation for networks, security, clouds, DevOps tools, and more. Whether an organization is just beginning its automation journey or is working to expand automation across more use cases and domains, Red Hat Ansible Automation Platform provides the tools to implement automation quickly. Organizations can use certified Ansible content without having to write their own playbooks and combine them with the correct modules and roles.

Implementation benefits

Ansible Automation Platform is based on an intuitive automation language, allowing users to codify their infrastructure to quickly coordinate between multiple teams and individuals. The platform is already used and [integrated](#) in many cloud deployment environments, making it easy for customers to create automation and reuse it in multiple environments. One of the largest open source communities in the world allows Ansible users to get started faster with a huge breadth of content and deployment scenarios.



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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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Time spent recreating and customizing automation for different domains cannot be spent building critical services and customer experiences. Ansible Automation Platform transports the effects of enterprise automation to stakeholders across the business and makes day-to-day life more efficient for automation users. Users can sustainably grow their automation with trusted content and collaborate across their entire IT infrastructure.

Capabilities overview

Red Hat Ansible Automation Platform allows users to take three simple actions with their enterprise automation journey:

Create: Get started faster by combining the power of Ansible's massive open source community and prebuilt Ansible Content Collections of the most-used Ansible roles, plug-ins, and modules. Codify your infrastructure and share across teams and individuals where you are already running deployments, whether on-premise or in the cloud.

Scale: Easily transfer your automation into multiple domains and across different use cases. Stakeholders across developer, operator, and line-of-business teams can engage with automation in ways that work best for them and make sense for their individual roles without slowing development time.

Engage: Take your automation even further with analytics, policy and governance, and content management. The SaaS-based tools in Ansible Automation Platform make day-to-day life more efficient for automation users, allowing you to solve problems once and share the results with everyone. These tools include:

- Content Collections, a new packaging format that streamlines the management, distribution, and consumption of Ansible content.
- Automation Hub, a repository for certified content via Ansible Content Collections.
- Automation Analytics for improving automation efficiencies across Red Hat Ansible Automation Platform deployments.

