Red Hat

Red Hat Services solution

Migrating from AWX to Red Hat Ansible Automation Platform

Solution overview

▶ **Duration** is typically 6-8 weeks but can vary based on complexity

▶ **Red Hat staffing** includes 1 automation architect, 1 automation platform consultant, and 1 project manager

▶ **Customer resourcing** includes either AWX system administrators, operators, or both

▶ **Solution deliverable** includes existing community Ansible migrated to Ansible Automation Platform, along with workshops, enablement, and validation with options for migration to Red Hat OpenShift® or Red Hat Enterprise Linux®

Introduction

Enterprises rely on automation to increase operational efficiency, boost productivity, and accelerate growth. While the Ansible® and Ansible AWX community versions provide entry-level capabilities for automation, more cohesive capabilities and a broader ecosystem of partners and services are needed to automate at an enterprise-wide scale. Additionally, relying on community content for automation can present challenges, as content may need to be tailored to the organization's specific needs and can pose risks regarding compliance and security standards. Furthermore, managing Ansible upstream can take time and effort, detracting focus from organizational outcomes and automation growth.

As a result, enterprises seek more comprehensive solutions that provide a streamlined approach to managing their automation needs while maintaining compliance and security standards. These solutions offer tailored capabilities that can be integrated without interruption into an organization's infrastructure, supporting enterprises' efforts to scale their automation capabilities effectively and realize business outcomes with greater efficiency, control, and security.

In this offering, we will explore how Red Hat Services can help enterprises achieve their automation goals with greater ease and effectiveness without sacrificing compliance and security. Our experts can assist teams in moving from community Ansible AWX to Red Hat® Ansible Automation Platform.

Overcome migration challenges

Migration projects can be time intensive and introduce risks, such as potential downtime, application incompatibility, and loss of customizations. Many organizations are concerned about having the resources they need to keep their infrastructure fully operational and address possible challenges. Red Hat addresses this by providing the tools and guidance necessary to overcome those challenges.

Red Hat Services provide expert, hands-on assistance to help streamline teams' migration process from Ansible AWX to Red Hat Ansible Automation Platform through the following steps:

1. **Assessment.** Red Hat Services experts gather the current AWX environment and automation details to understand the level of effort for the migration.

2. **Analysis.** Our team analyzes the customer's current environment, operating systems, connectivity, version control systems, configuration management databases, and integration into existing tools and systems. They determine which components of the existing automation platform should be migrated and their priorities, including automation content (workflow and job templates), credentials, configurations, and integrations with IT Service Management (ITSM), logging, plug-ins, etc.

3. **Deployment.** At the core of our program is the deployment of Ansible Automation Platform on the customer's infrastructure. Our team will work closely with the customer to ensure a smooth and efficient deployment process, considering teams' unique requirements and infrastructure setup. This includes providing guidance on hardware and software specifications and any necessary configurations or integrations. Throughout the deployment process, our team will provide ongoing support and assistance, ensuring that teams are fully equipped to take advantage of Ansible Automation Platform for their automation needs.

4. **Migration.** Red Hat Services carry out the migration of existing automation components from the AWX environment, such as automation content (workflow and job templates), credentials, configurations, and integrations with ITSM, logging, and plug-ins. Whether teams have just a few or thousands of systems under management in their current platform, Red Hat provides migration options that suit every footprint and size.

5. **Validation.** Our team validates the deployment of Ansible Automation Platform and the operable control plane. They verify the installation by checking the automation controller, automation hub, migration of traditional virtual environments to execution environments, and Ansible Engine 2.9 images to Ansible Builder.

Red Hat Services can help organizations automate at scale

Red Hat Consulting helps organizations move faster with hands-on assistance and mentorship as they scale across teams, domains, and geographies.

Red Hat Training offers beginner to advanced Ansible Automation Platform courses to guide and empower teams as they grow their platform. Red Hat certifications in Ansible Automation Platform will give teams confidence in their staff's proficiency and validate their skills and knowledge.

Red Hat Technical Account Managers help teams operate their systems at scale and reduce staff workloads by getting ahead of evolving needs through proactive planning as their Ansible use grows.

Ready to begin migrating? Schedule a complimentary automation discovery session to get started.

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 develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. A trusted adviser to the Fortune 500, Red Hat provides award-winning support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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