



Connect

AAP 2.6: Una nueva Experiencia!

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New feature:

Ansible Lightspeed intelligent assistant

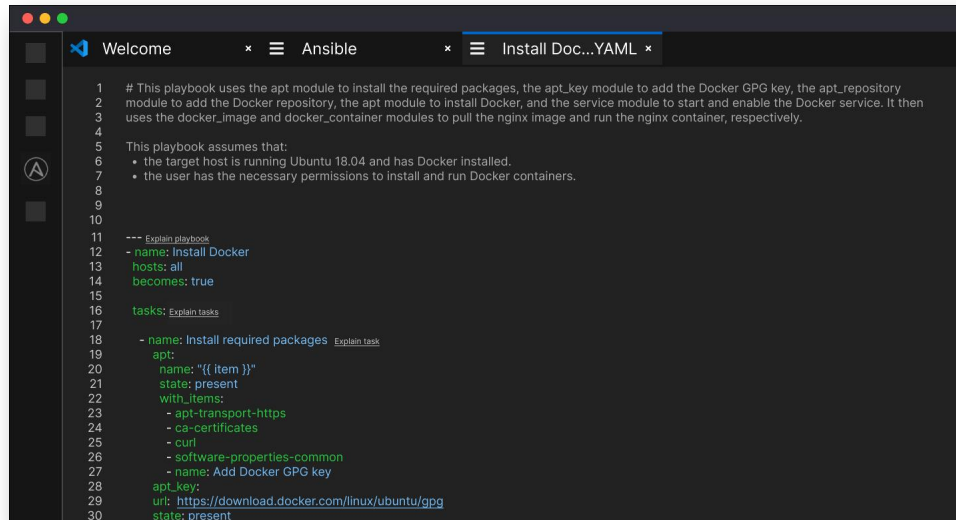


Increase efficiency with Ansible Lightspeed

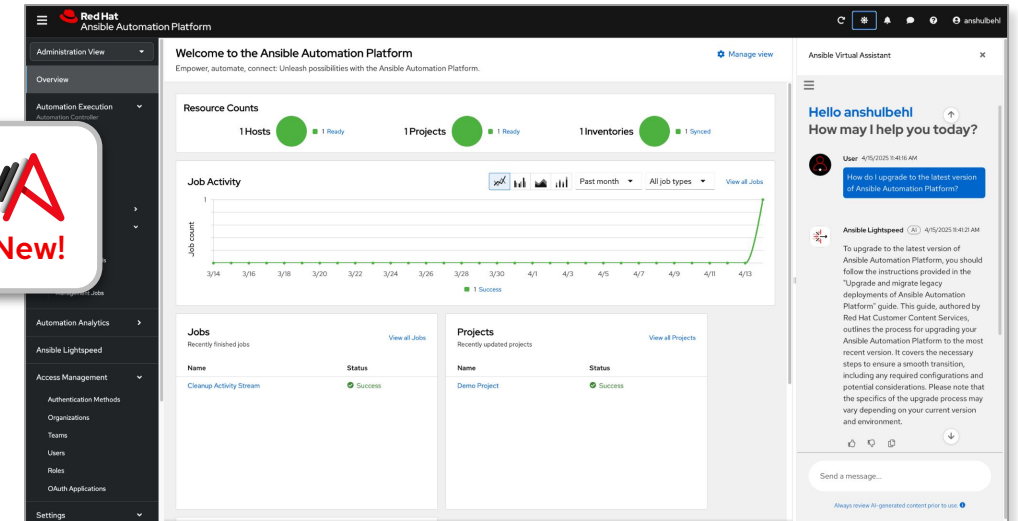
Integrated tools to harness generative AI for IT operations

Coding assistant
for automation content creation

Intelligent assistant
For automation platform administration and management



```
1 # This playbook uses the apt module to install the required packages, the apt_key module to add the Docker GPG key, the apt_repository
2 module to add the Docker repository, the apt module to install Docker, and the service module to start and enable the Docker service. It then
3 uses the docker_image and docker_container modules to pull the nginx image and run the nginx container, respectively.
4
5 This playbook assumes that:
6 • the target host is running Ubuntu 18.04 and has Docker installed.
7 • the user has the necessary permissions to install and run Docker containers.
8
9
10
11 --- Explain playbook
12 - name: Install Docker
13   hosts: all
14   becomes: true
15
16   tasks:
17     - name: Install required packages
18       apt:
19         name: "{{ item }}"
20         state: present
21         with_items:
22           - apt-transport-https
23           - ca-certificates
24           - curl
25           - software-properties-common
26       - name: Add Docker GPG key
27         apt_key:
28           url: https://download.docker.com/linux/ubuntu/gpg
29           state: present
```



Installed & used in VSCode

Powered by Red Hat Ansible Lightspeed

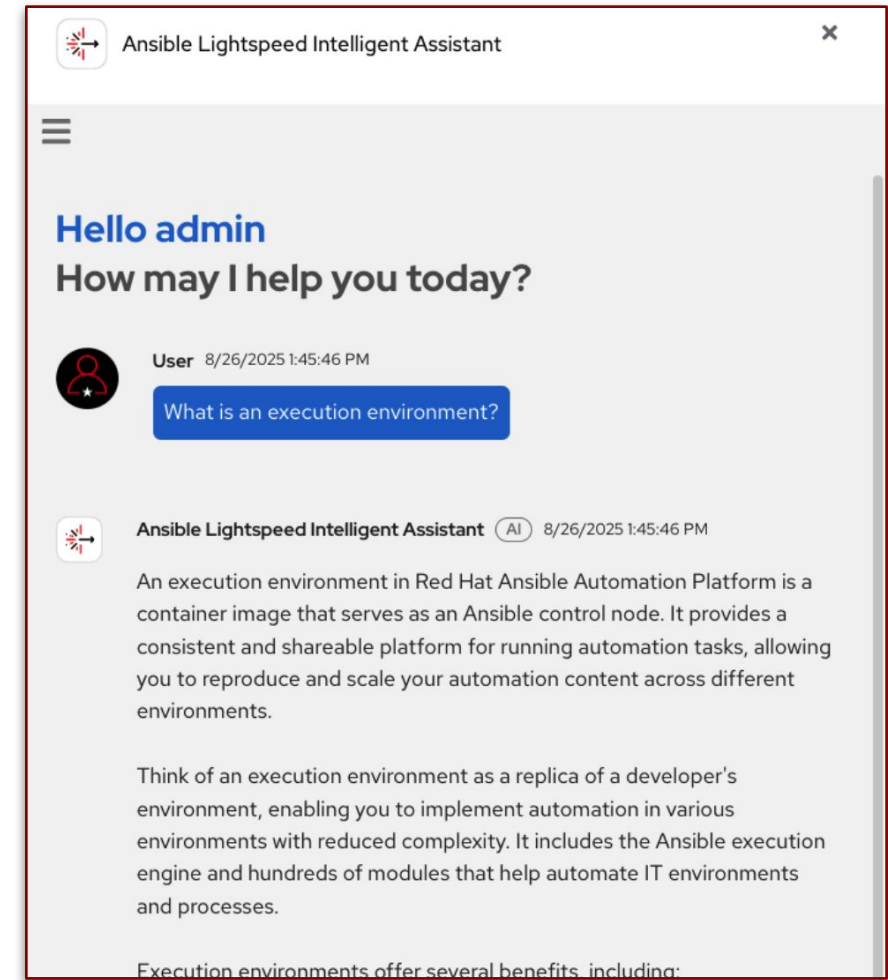
Embedded directly into AAP UI



Ansible Lightspeed intelligent assistant

Ansible expertise, when and where you need it most

- > A new, intuitive chat assistant embedded directly into Ansible Automation Platform UI
- > Contextual support for faster troubleshooting, platform onboarding, and the day-to-day management of automation.
- > Includes links to references and resources for source validation and accelerated learning.
- > Flexible model connectivity; use in tandem with Red Hat AI.
- > Example prompts:
 - > *"What is an execution environment?"*
 - > *"How do I upgrade to the latest version of Ansible Automation Platform?"*



Ansible Lightspeed intelligent assistant | Implementation

Once activated, any Ansible Automation Platform user can access the intelligent assistant

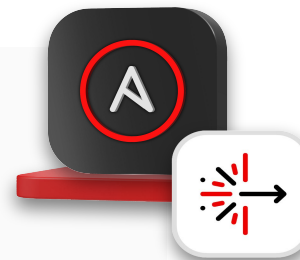
Deployment options:

- > **New! On-premise (VMs or bare metal)**, using the Ansible Automation Platform containerized installer
- > **On OCP** using the Ansible Automation Platform operator

Model options:

The intelligent assistant is *available free of charge*, but customers must *bring their own model*, hosted on these supported platforms / providers:

- > **Red Hat AI**: Red Hat AI inference server, RHEL AI, or Red Hat Openshift AI
- > **Supported 3rd-party models (Q4)**: OpenAI, Azure Open AI, and IBM watsonx AI



Solution guide (coming soon!):
Getting started with Ansible Lightspeed
Intelligent Assistant



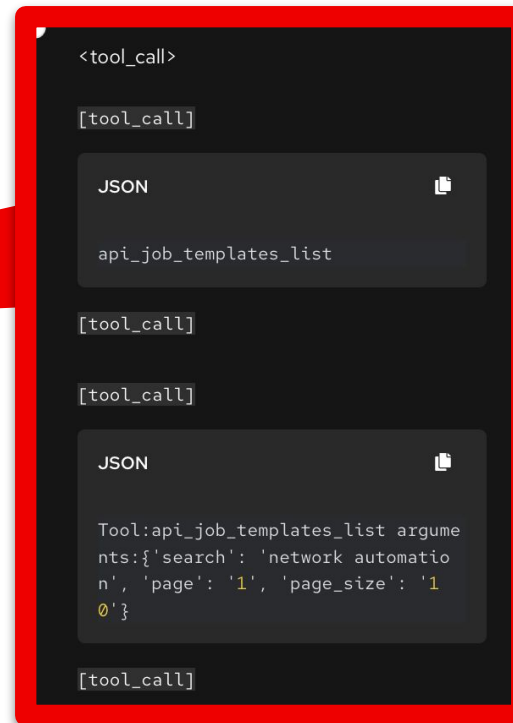
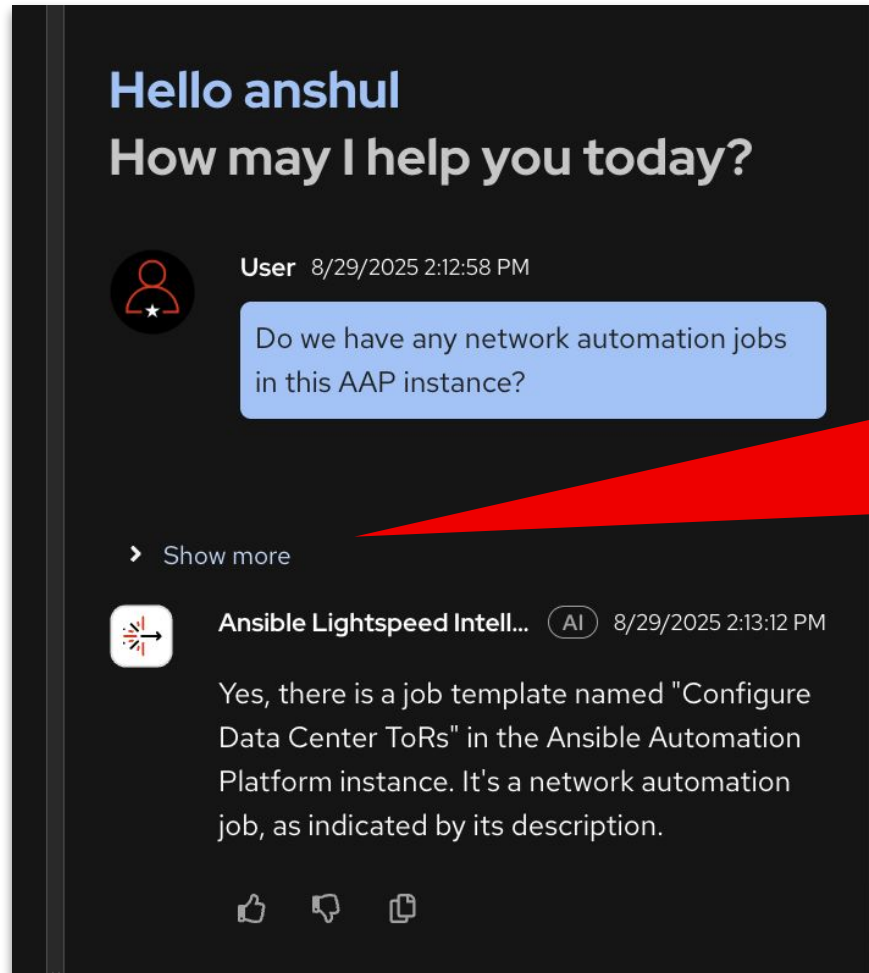
New tech preview feature:

Ansible Lightspeed intelligent assistant *with Model Context Protocol (MCP)*



Tech Preview: Ansible Lightspeed intelligent assistant + MCP

Agentic automation for more efficient platform operations



- > New capability within the intelligent assistant to help automators **identify and investigate underlying operational issues** in their automation deployment.
- > **Query, troubleshoot, and perform root cause analysis** of your AAP environment within an intuitive chat experience.
- > **Gather facts and insights** into system health and job status to resolve operational issues faster.
- > Utilize contextual awareness of your automation to **make better decisions and take the right actions**.
- > Integrated within the chat experience with Ansible Automation Platform security and RBAC guardrails in place.

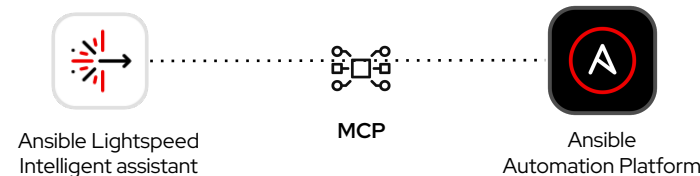


Tech Preview: Ansible Lightspeed intelligent assistant + MCP

How do I enable MCP with the Ansible intelligent assistant?

Prerequisites:

- > Large Language Model (LLM) provider
- > Ansible Automation Platform 2.6 on Openshift



1 Deploy the chatbot via the OCP operator ([see documentation](#))

2 Deploy Ansible Automation Platform 2.6 on OpenShift

3 Create a chatbot configuration secret

4 Configure **aap_gateway_url** and **aap_controller_url** in chatbot configuration secret

- > These values can be obtained from the routes from Red Hat Openshift

New values

5 Modify AAP custom resource to enable Ansible Lightspeed Intelligent Assistant



Solution guide (coming soon!):
Getting started with Ansible Lightspeed
Intelligent Assistant

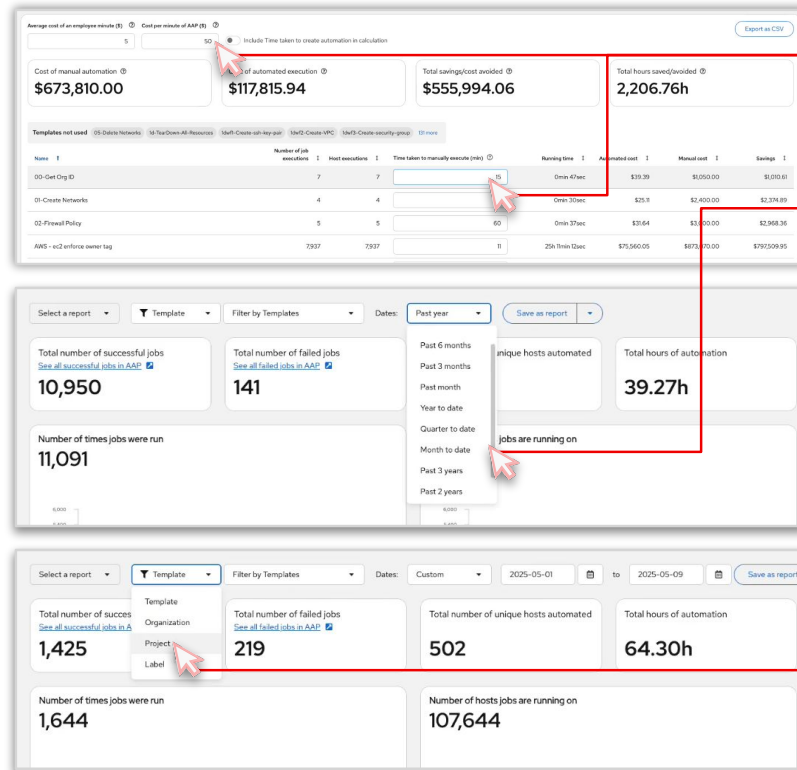


New feature: Automation dashboard



Monitor, track, and report on value with the new **automation dashboard**

Customize and share a clearer view of the impact your automation is driving for the business

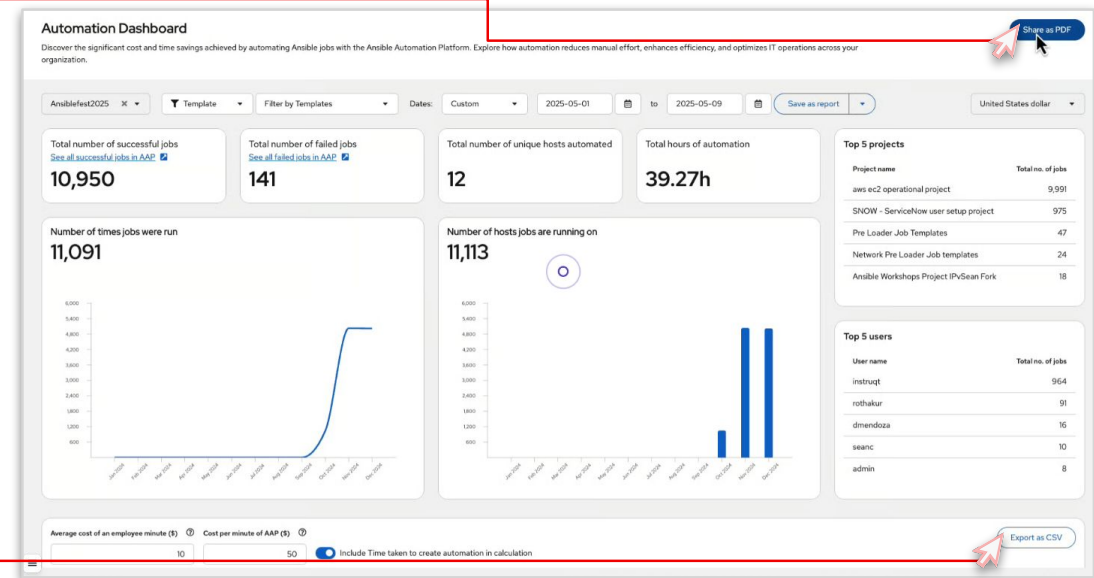


Customize the time taken to manually execute tasks, time taken to create the automation, avg cost of employee per minute, and cost of AAP per minute

Select the desired reporting time period

Filter by Template, Organization, Project, or Label

Easily export and share report via .pdf or .csv



Automation dashboard | Value

Unlock insights to optimize and prove the value of your automation.



- ✓ **Demonstrate value and measure ROI.** Easily track key metrics like time savings, job success, and return on investment (ROI). You'll have the data you need to prove the value of your automation investment and share successes with key stakeholders.
- ✓ **Make smarter, data-driven decisions.** Get real-time, actionable insights into your automation usage and impact. The dashboard helps you guide IT operations and make smarter decisions based on real data.
- ✓ **Optimize and right-size your automation.** Achieve full visibility into your entire automation deployment, including both direct and indirect nodes. This allows you to address over- and under-utilization, ensuring you're getting the most out of your investment.
- ✓ **Securely report and share your data.** The on-premise, self-contained utility protects your data while providing flexible reporting options. You can schedule reports and easily ingest the data into your own business intelligence (BI) tools.



Automation dashboard | Implementation and roadmap

Seamlessly and securely generate real-time insights from your automation.

Implementation details

- > **Deployed securely, on-premise:** The dashboard is a self-contained, on-premise utility that runs on a dedicated RHEL 9 x86 and ARM host, ensuring your data remains secure within your environment.
- > **Easy integration:** It integrates with your existing AAP 2.4/2.5/2.6 instances using an OAuth2 token for read-only access, allowing you to pull data without complex setup.
- > **Streamlined installation:** The setup process is a containerized, playbook-driven installation, simplifying deployment and configuration on your RHEL host.
- > **Automated data sync:** Once configured, the dashboard automatically syncs and visualizes data from your AAP instances, giving you real-time insights with minimal ongoing effort.
- > **Flexible reporting:** The dashboard allows you to generate customizable PDF reports for stakeholders and export raw data to a CSV for ingestion into your preferred BI tools, providing flexible options for demonstrating value.

Resources

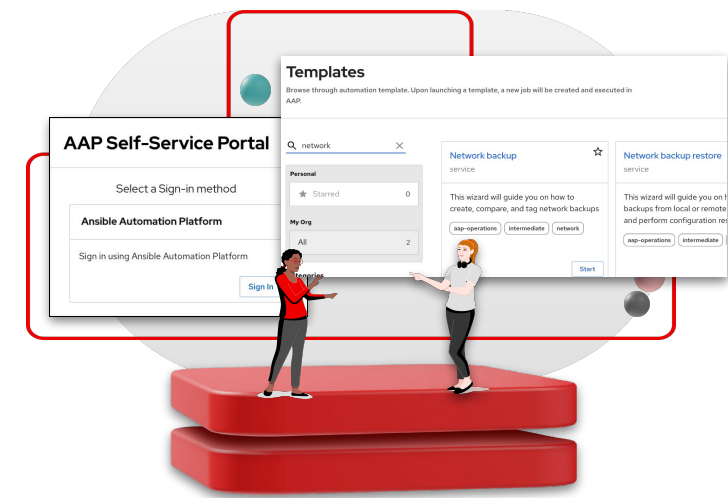
[KBase](#) contains info related to Installation and Usage guide

Feedback can be provided via [#forum-aap-automation-dashboard](#)

[Interactive demo](#) (Arcade)



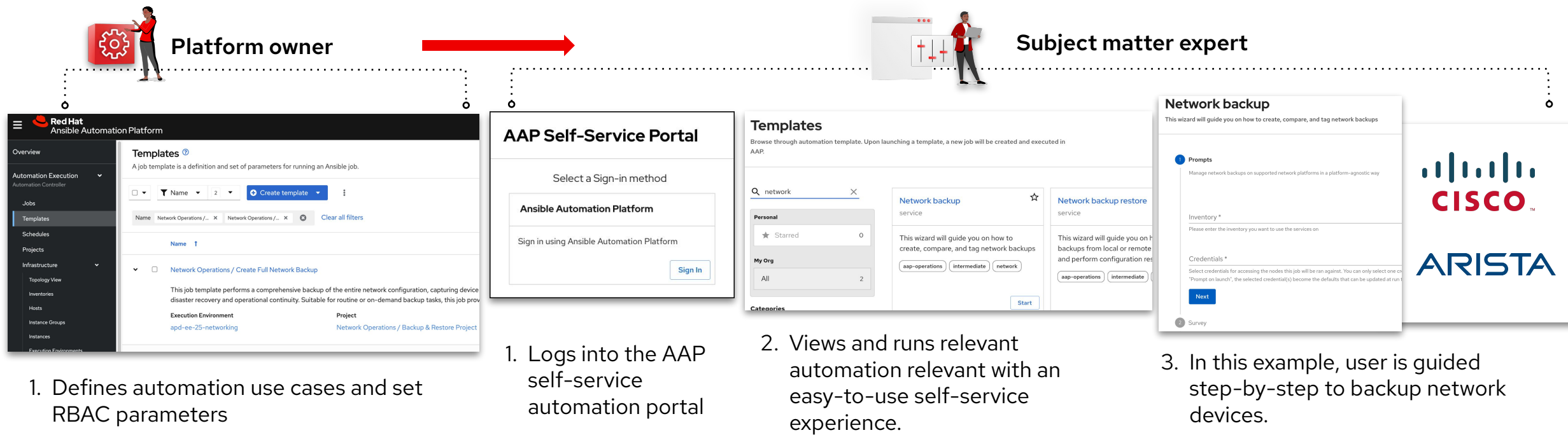
New feature: Self-service automation portal



Streamline service delivery with the *new* self-service automation portal

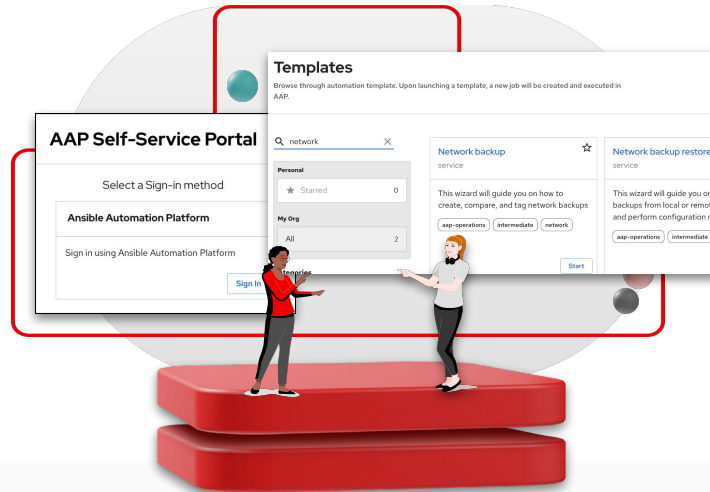
Enabling a platform engineering approach to scaling automation across users and teams

The new self-service automation portal **empowers platform admins to provide a streamlined “point-and-click” Ansible automation experience** to a broader set of users within the organization. Domain SME who aren’t Ansible users/experts now have a dedicated self-service portal from which they can launch a range of automation jobs for core use cases, without needing full access to AAP.



Self-service automation portal | Key features + value

Enabling a platform engineering approach to automation service delivery



- ✓ **Domain SMEs** get simple, point and click automation experience without needing Ansible experience.
- ✓ **Platform admins** maintain consistency and control with full RBAC, and simple, seamless customization and syncing of job templates.
- ✓ **Automation teams** achieve new levels of adoption and scale, without the overhead of building and managing custom/3rd party self-service solutions

- > **Syncs existing automation content:** Extend the reach and impact of your automation job templates, while maintaining full control and compliance.
- > **Seamless Integration:** Uses your existing Ansible Automation Platform setup—same logins, same security controls, same automation logic
- > **Simplified Interface:** A distinct, user-friendly web interface designed for business users, not automation experts
- > **Guided Workflows:** Step-by-step forms that walk users through automation requests without technical complexity - automatically generated from your existing job templates.
- > **Smart Forms:** Real-time field validation, conditional and dynamic forms, and dropdown fields for AAP artifacts, such as AAP inventories.



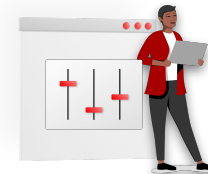
Self-service automation portal | Experience

Enabling a platform engineering approach to automation service delivery



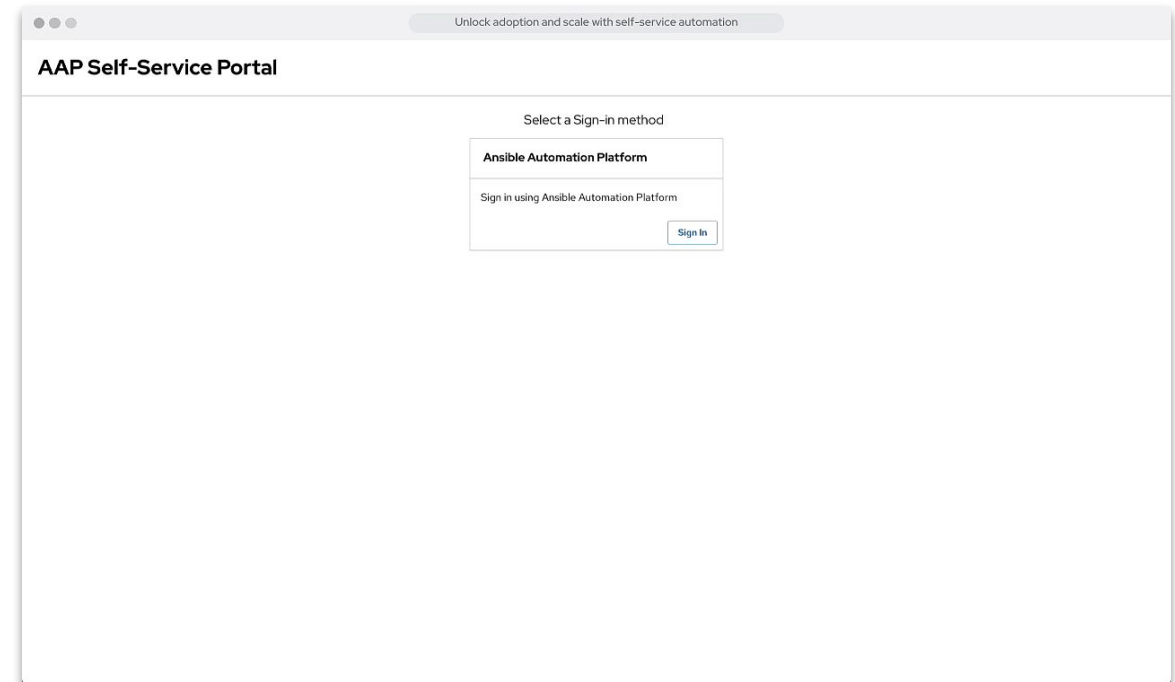
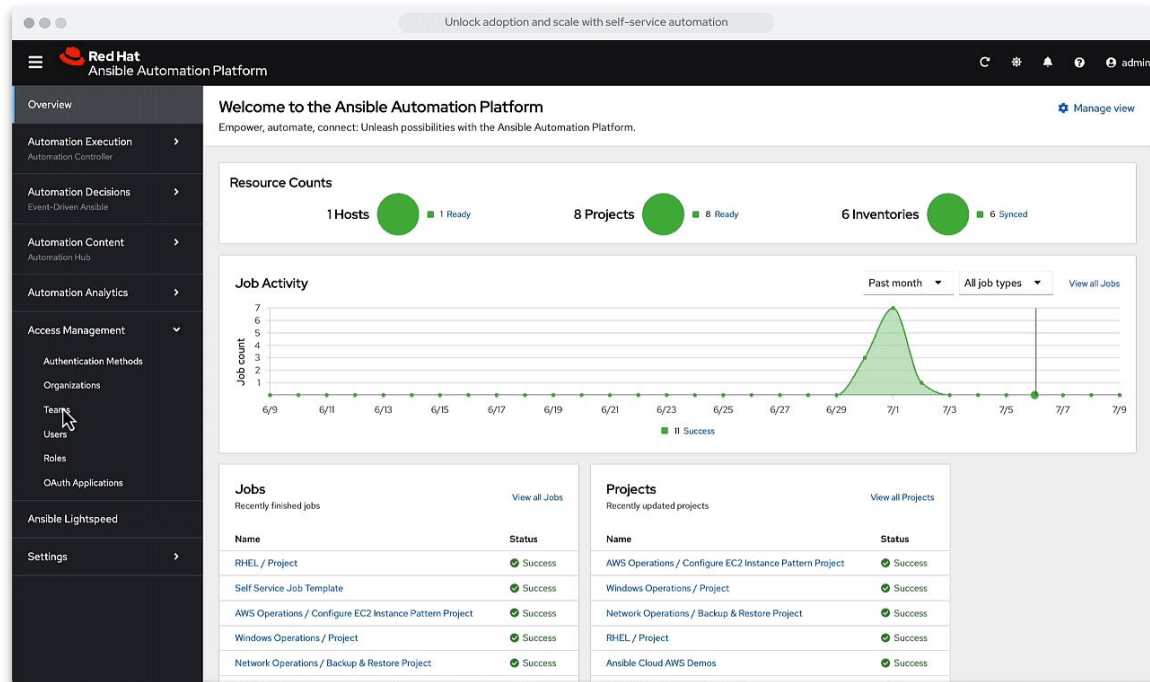
Platform admin

Defines automation use cases and sets access permissions



Domain subject matter expert

Views and runs automation relevant to their work with an easy-to-use self-service experience.

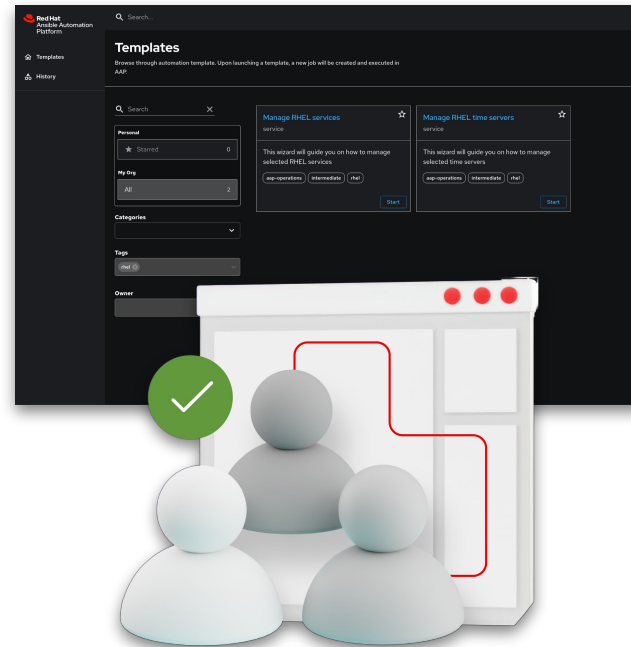


Self-service automation portal | Implementation and roadmap

Enabling a platform engineering approach to automation service delivery

Implementation details

- **Distinct UI from AAP** that can be added as an external link in the AAP UI menu using new AAP OAuth feature.
- **Integrated AAP authentication.** Sign into the self-service UI with your AAP credentials.
- **Automatic synchronization** of AAP 2.5+ Org, Teams, and Users to the self-service automation portal for consistent access delegation.
- **Installed independently from AAP** on Openshift using a Helm chart for GA.
- **Synchronizes existing AAP automation** into guided, step-by-step workflows, while maintaining full control and compliance.
- **Import customized Forms** from repositories for a richer end-user experience, including field validation, dynamic fields, and conditional logic.

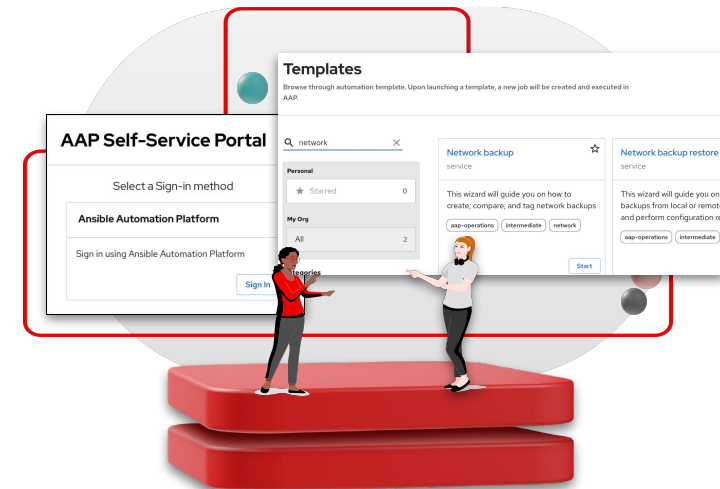


Feature roadmap

- Improving onboarding and installation experience by **introducing a RHEL Installer**, and enhanced initial setup
- Extending self-service automation to **support multiple AAP Organizations** while strengthening authentication and RBAC
- **Making AAP Workflows available** in the self-service automation portal
- **Ongoing improvements** and refinements to the overall user experience



Spotlight: Platform Experience Enhancements



Event-Driven Ansible enhancements



> Event-Driven Ansible Projects Source Control URL is now **editable**

> **New label to identify jobs triggered from Event-Driven**

Jobs ⓘ

A job is an instance of automation controller launching an Ansible playbook against an inventory of hosts.

Domains ⓘ Network Backup Security ⚙

Search ⓘ Enter search ⓘ

	ID ⓘ	Name ⓘ	Status ⓘ	Type ⓘ	Labels	Duration	Started ⓘ
>	19	Demo Job Template	Success	Playbook run	Activated by Event-Driven Ansible Cluster23	3s	8/1/2025, 4:35
>	18	Demo Job Template	Success	Playbook run		3s	8/1/2025, 4:35

concurrency key to group events by resource

Platform collection improvements



Feature parity + standardization

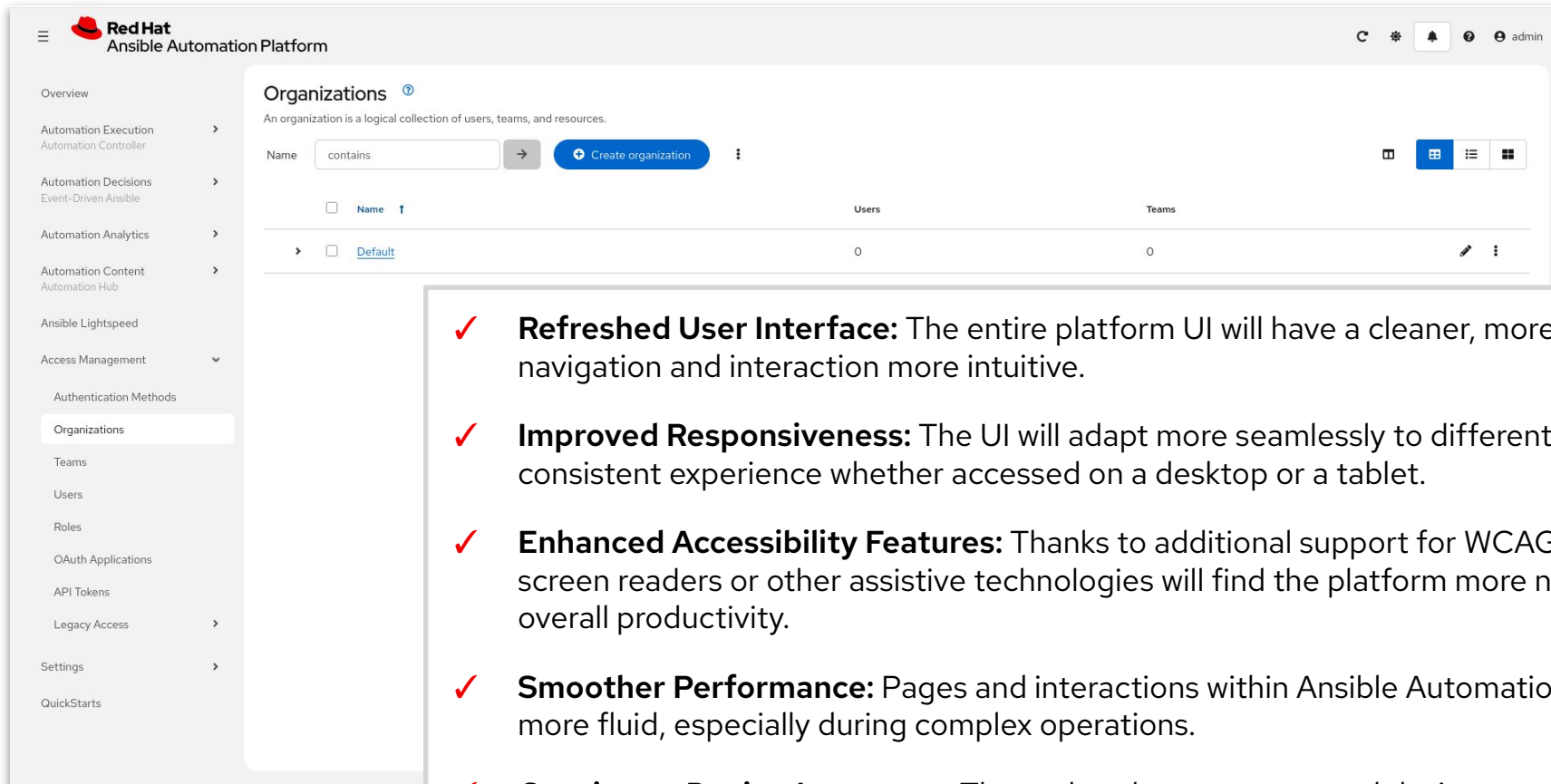
- > `ansible.platform` enhancements aligned with UX improvements, centralizing RBAC settings for all AAP components via the Gateway API
- > Collections now use a standard global environment variable name + module variable across components. Automation controller, Automation hub, and Event-Driven Ansible all use a new standard of “AAP_” instead of “CONTROLLER_”



New or enhanced RBAC modules for streamlined Configuration as Code

- > role definition
- > role team assignment
- > role user assignment
- > Users, organizations, and teams

Platform UI Improvements



- ✓ **Refreshed User Interface:** The entire platform UI will have a cleaner, more modern look and feel, making navigation and interaction more intuitive.
- ✓ **Improved Responsiveness:** The UI will adapt more seamlessly to different screen sizes and devices, providing a consistent experience whether accessed on a desktop or a tablet.
- ✓ **Enhanced Accessibility Features:** Thanks to additional support for WCAG 2.2 guidelines users relying on screen readers or other assistive technologies will find the platform more navigable and usable, improving overall productivity.
- ✓ **Smoother Performance:** Pages and interactions within Ansible Automation Platform will load faster and feel more fluid, especially during complex operations.
- ✓ **Consistent Design Language:** The updated components and design system will create a more unified and cohesive experience across different parts of the platform.



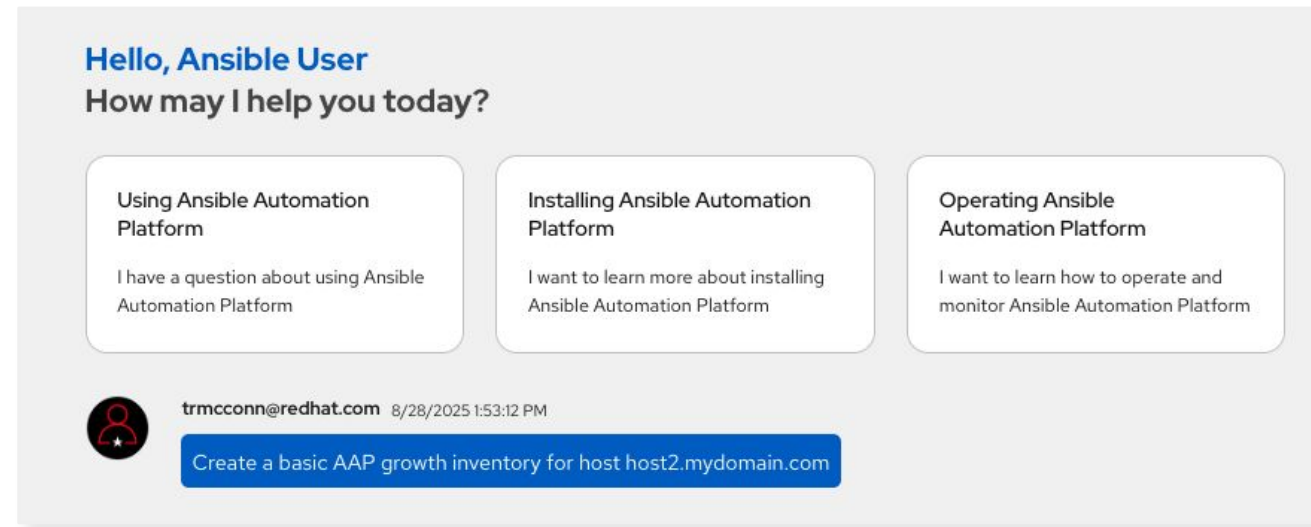
AI-assisted inventory generation

Overview

- > **Generate supported topology inventories** for new Ansible Automation Platform installations.
- > **Simplify Ansible Automation Platform installation**, reduce onboarding friction, and deploy with confidence.
- > State desired topology, platform, and environment; **generate a validated inventory file** ready for deployment

Getting started

- > **Developer preview:** Contact your account team for access.
- > No model set up or additional configuration required.

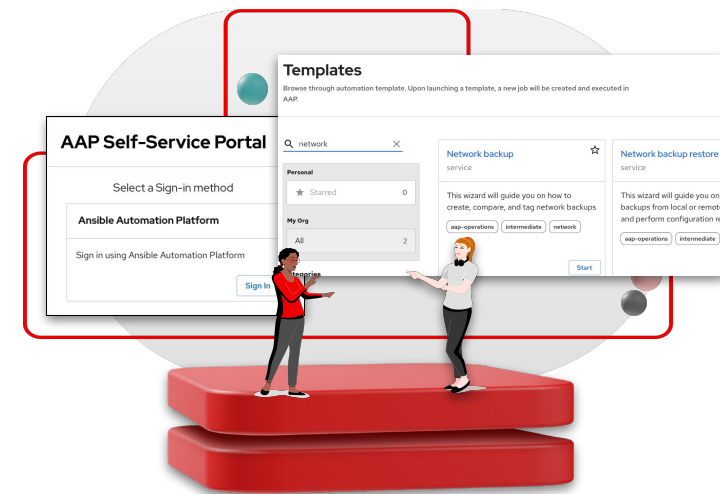


Feature roadmap:

Chatbot integration within Red Hat Hybrid Cloud Console (GA early Q4)



Spotlight: Content Collections and Integrations



The Ansible content ecosystem continues to grow



200+

Certified integrations

80+

Certified technology partners

- ✓ 12 new technology partners
- ✓ 9 new partner Certified Collections
- ✓ New Certified partner app: *Splunk App for EDA*
- ✓ 10 new Validated Collections
- ✓ 400+ collection updates

splunk>
a CISCO company

JUNIPER
NETWORKS

 Microsoft

>>> nautobot



Spotlight on new collections



Networking

Inventory and Health Check Reports for Arista and Cisco:

Validated content to generate inventory reports and run health checks against network devices OSs. (*Arista EOS, Cisco IOSXE, Cisco IOSXR, Cisco NXOS*)

Cisco Meraki Ops: Validated content to automate provisioning and Day-2 operations of Meraki devices.

Nautobot: Single source of truth for network configuration and management



Cloud

HashiCorp: Support for initiating Terraform Enterprise and HCP Terraform workflows from Ansible Automation Platform.

AWS: Added SSM connection support, enhanced error handling for Amazon S3, and stricter dependency policies to improve security and reliability

Azure: Added Azure Arc for hybrid cloud support for Azure and Key Vault support for more secure automation

Google Cloud: Improved reliability and matched functionality with other hyperscaler collections



Infrastructure

Windows Server: Upgraded Microsoft Windows Server management capabilities including supporting for OpenSSH, and deployment and configuration of IIS

OpenShift Virtualization: Extending Use Cases for Day 2 operations and Pre and Post migration Hooks

VMware: Support for Provisioning VMs capabilities, support for advanced setting in vSphere, and Indirect Node Query Counts



AI, Observability + AIOps

Red Hat AI: Support for Day-1 Red Hat AI infrastructure provisioning (on-prem and cloud) and Day-2 Red Hat AI infrastructure config and operations.

Splunk: Ability to trigger automated responses using Event-Driven Ansible rulebooks, streamlining AIOps workflows from detection to resolution via a webhook or kafka.



Spotlight: Upgrading to AAP 2.6



Upgrade and migration improvements

User Experience and Interface Enhancements

Unification of the platform RBAC for all services, and upgraded the visual design with the latest version of PatternFly.

- Address UX complexities and bugs
- Remove controller-specific fields that are non-functional in AAP 2.5.

Authenticator Improvements

Facilitate smooth SSO transition and standardize authentication across the platform and collections.

- Enterprise authentication (SSO) migration from AAP 2.4 controller to 2.6 gateway

Migrations and Upgrades

Provide guidance on the requirements for upgrading from 2.4 or 2.5 to 2.6, and provide instructions for moving from RPM to containerized, OpenShift, or managed AAP deployments.

Upgrade and migration improvements (cont.)

Feature Parity and Collection Capability

Ensure functional continuity by upgrading collections to match key capabilities of the previous version

- Improve AAP 2.6 collections to deliver feature parity with AAP 2.4 controller

Communication and Notification System

Improve customer awareness of critical product updates

- Notification feed for in-product and out-of-product announcements
- Expose the notification feed to AAP administrators for quick information access

Planning your upgrade

Upgrade with confidence and future-proof your investment

Direct upgrade path available

A single, streamlined process to upgrade to AAP 2.6, reducing intermediate steps and complexity.

AAP 2.4 > AAP 2.6*



AAP 2.5 > AAP 2.6



Supported topology migration

A documented, "lift-and-shift" process to move an AAP instance from one deployment type to another (such as RPM install to containerized or OpenShift).



Streamlined Enterprise Auth Migration

Enterprise authenticator configurations (SAML, LDAP, OIDC) are seamlessly migrated to the platform gateway, simplifying post-upgrade setup and re-authentication.



Automated IAM Migration

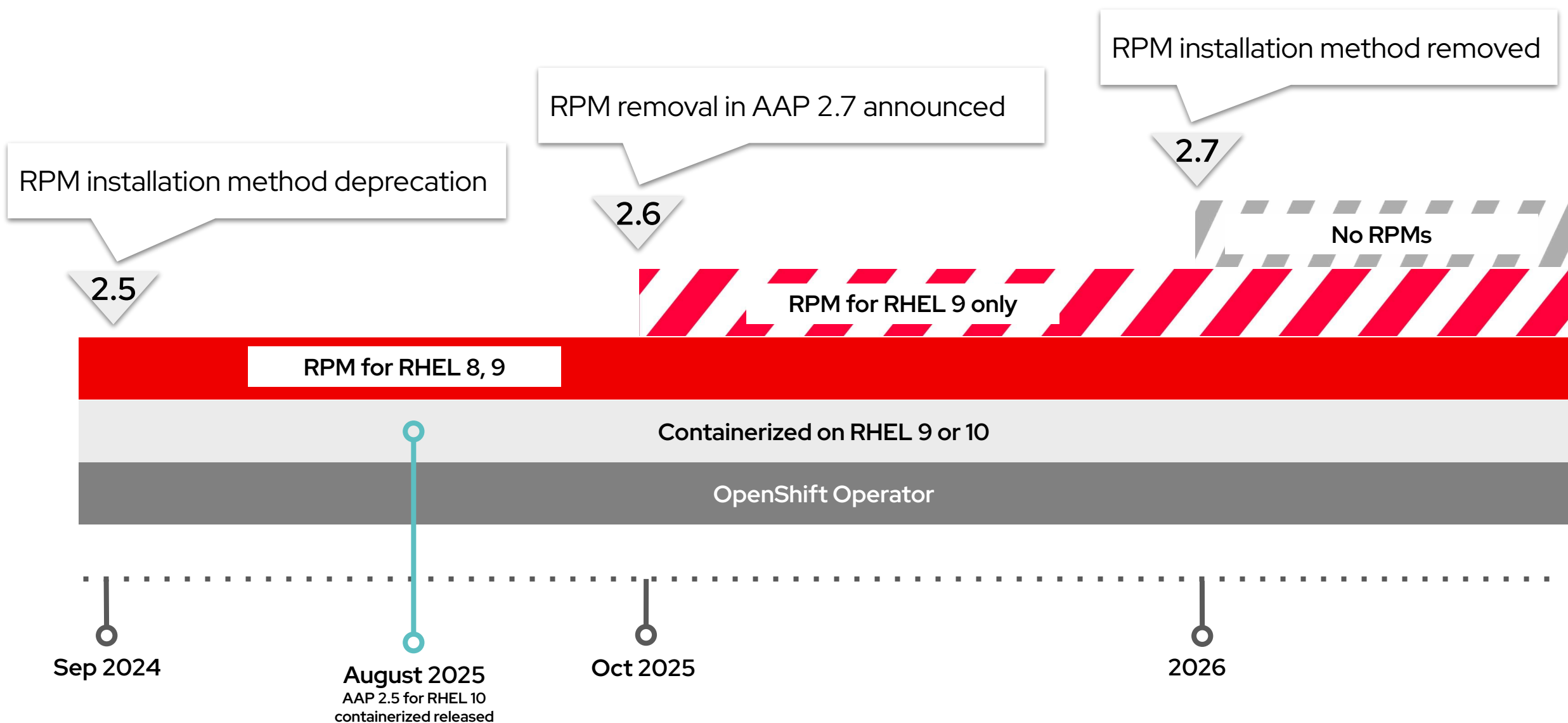
Users, teams, roles, and permissions are automatically migrated from the controller to the platform gateway, preserving RBAC model and administrative privileges.



AAP 2.5 customers already have platform gateway installed

**Customers on RHEL8 will need to migrate to RHEL9 in order to have the direct 2.4 > 2.6 upgrade path*





NOTE: Please refer to the [official AAP support life cycle page](#) for detailed information on start/end dates for RPM installation support for each AAP release.



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Thank you



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