Red Hat Ansible Automation Platform
1.2

Red Hat Ansible Automation Platform Release Notes

New features, enhancements, and bug fix information
Red Hat Ansible Automation Platform 1.2 Red Hat Ansible Automation Platform Release Notes

New features, enhancements, and bug fix information
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Abstract

A summary of new features, enhancements, and bug fix information for Red Hat Ansible Automation Platform.
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CHAPTER 1. OVERVIEW

Red Hat Ansible Automation Platform simplifies the development and operation of automation workloads for managing enterprise application infrastructure lifecycles. It works across multiple IT domains including operations, networking, security, and development, as well as across diverse hybrid environments. Simple to adopt, use, and understand, Red Hat Ansible Automation Platform provides the tools needed to rapidly implement enterprise-wide automation, no matter where you are in your automation journey.

1.1. WHAT’S INCLUDED IN ANSIBLE AUTOMATION PLATFORM

<table>
<thead>
<tr>
<th>Ansible Automation Platform</th>
<th>Ansible Tower</th>
<th>Automation Hub</th>
<th>Automation Services Catalog</th>
<th>Automation Analytics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2.0</td>
<td>3.8.0</td>
<td>4.2.0</td>
<td>hosted service</td>
<td>hosted service</td>
</tr>
</tbody>
</table>
CHAPTER 2. UPGRADING ANSIBLE AUTOMATION PLATFORM

Perform upgrades to maintenance versions of Ansible Automation Platform using the installer. The installer performs all necessary actions required to upgrade to the latest versions of Ansible Automation Platform, including Ansible Tower and Private Automation Hub.

IMPORTANT

Do not use *yum update* to run upgrades.

Refer to the table in What’s included in Ansible Automation Platform for information on maintenance releases of Ansible Automation Platform.

See Ansible Automation Platform Quick Installation Guide for procedures on using the Ansible Automation Platform installer.
CHAPTER 3. MAY 2021 RELEASE

3.1. RED HAT ANSIBLE AUTOMATION PLATFORM 1.2.3

The latest version of Red Hat Automation Platform includes the following:

3.1.1. Ansible Tower 3.8.3

Ansible Tower helps teams centralize and control your IT infrastructure with a visual dashboard, role-based access control, job scheduling, integrated notifications and graphical inventory management. Easily embed Ansible Automation into existing tools and processes with REST API and CLI.

Bux fixes

- Analytics collection no longer cause lost job events when Tower is under load
- Analytics collection now handles null characters in job event output
- Pending jobs in /api/v2/metrics show correct counts
- Project updates are no longer delayed when projects contain large files
- Status for hosts are properly counted in notification payloads
- SAML organization creation now properly assigns a default Galaxy credential
- SAML configuration now properly denotes required SAML contact fields
- Fixed a race condition in settings updates that previously lead to incorrect behavior
- Log messages are updated to be more clear when rsyslog is unresponsive

See Ansible Tower Release Notes v3.8.3 for a full list of new features and enhancements.

3.1.2. Automation Hub 4.2.3

Automation Hub allows you to discover and utilize new certified automation content from Red Hat Ansible and Certified Partners. On Ansible Automation Hub, you can discover and manage Ansible Collections which is supported automation content developed by both partners and Red Hat for use cases such as cloud automation, network automation, security automation, and more.

Automation Hub bug fixes

- Fix how travis checks for existence of Jira issues
- Fixed synclist curation creating 2 * N tasks, where N is number of synclists. Now synclist curation is executed in batches. Number of batches is configured in project settings. By default it is set to 200 synclists per task.
- Fix NamespaceLink creation and Validation on duplicated name.
- API returns 409 in case of existing group with same name.
- The namespaces api now performs a partial match on namespace name and namespace company name when using the ‘keywords’ query parameter.
- Fix KeyError lookup in namespace and collection viewset
- Fix error in error msg when importing invalid filenames
- Fix the galaxy-importer check for max size of docs files
- Only show synclist toggles to org admin. Non-org admins should get 403 response when viewing synclist endpoints.
- Users should not be able to delete themselves regardless of having 'delete-user' permissions.
- Prevent users with delete-user perms from deleting admin users
- Make token and password obfuscated on the API docs for /sync/config
- split proxy_url in 3 fields: username, password, address
- Fix groups endpoint viewable only by admin
- Expose pulp API in generated openapi spec.
- Replace current PULP_REDIS* env variables with PULP_REDIS_URL env variable to accommodate PULP_REDIS_SSL.
4.1. AUTOMATION ANALYTICS

Automation Analytics gives you feedback about your automation deployments through insights and governance which allow you to view information about automation health, usage, and performance across your enterprise.

This release of Red Hat Automation Analytics includes the following new features and enhancements:

- **New filter toolbar with additional filters to further refine your Analytics data**
  - Added the new toolbar to the Organization, Clusters, Job Explorer, and Automation Calculator page.

- **Enhancements to the Organization page**
  - Added a hosts tab to filter hosts by organization
  - Added filtering options to pie charts to hide or show certain data fields

- **Enhancements to the Clusters page**
  - Added a section that lists top workflows

- **Enhancements to the Automation Calculator page**
  - Added additional filters to the toolbar to further refine your data
  - Selected filter attributes from the toolbar now reflect on the Automation Calculator
  - Added more information when clicking on the (information) icon in the template list

This release of Red Hat Automation Analytics also includes the following bug fixes:

- Timestamps of critical error notifications are no longer appear unreadable
- Users can no longer enter negative or non-numeric values in the Automation Calculator
- All notifications now appear when the View All notification is selected
- Organizations now share the same color in different charts on the same page
- The x-axis labels on the grouped bar-chart now scales correctly to a larger view
CHAPTER 5. MARCH 2021 RELEASE

5.1. RED HAT ANSIBLE AUTOMATION PLATFORM 1.2.2

The latest version of Red Hat Automation Platform includes the following:

5.1.1. Ansible Tower 3.8.2

Ansible Tower helps teams centralize and control your IT infrastructure with a visual dashboard, role-based access control, job scheduling, integrated notifications and graphical inventory management. Easily embed Ansible Automation into existing tools and processes with REST API and CLI.

Bux fixes and enhancements

- Upgraded to the latest oVirt inventory plugin to resolve a number of inventory syncing issues that can occur on RHEL7
- Upgraded to the latest theforeman.foreman inventory plugin to resolve a few bugs and performance regressions
- Upgraded to a more recent version of Django to address CVE-2021-3281
- Upgraded to a more recent version of autobahn to address CVE-2020-35678
- Fixed a security issue that allowed a malicious playbook author to elevate to the awx user from outside the isolated environment https://access.redhat.com/security/cve/cve-2021-20253
- Fixed several issues related to how Tower rotates its log files
- Fixed the installer to no longer prevent Tower from installing on RHEL8 with certain non-en_US.UTF-8 locales
- Fixed unanticipated delays in certain playbook output
- Fixed job runs to no longer fail for playbooks that print certain types of raw binary data
- Fixed the generation of unnecessary records in the Activity Stream when Ansible Automation data is collected
- Fixed PostgreSQL backups to no longer fail when a non-default PostgreSQL username is specified
- Fixed access to encrypted Tower settings to prevent intermittent failures that caused failed job launches
- Fixed unexpected failures on certain long-running jobs running on isolated nodes
- Deprecated the global /api/v2/job_events/ endpoint, which will be removed in a future release

See Ansible Tower Release Notes v3.8.2 for a full list of new features and enhancements.

5.1.2. Automation Hub 4.2.2

Automation Hub allows you to discover and utilize new certified automation content from Red Hat
Ansible and Certified Partners. On Ansible Automation Hub, you can discover and manage Ansible Collections which is supported automation content developed by both partners and Red Hat for use cases such as cloud automation, network automation, security automation, and more.

**Automation Hub bug fixes and enhancements**

- Fixed the `galaxy-importer` check for max size of docs files
- Removed ability for uses to delete themselves
- Prevented users with `delete-user` permissions from deleting admin users
- Obfuscated token and password on the API docs for `/sync/config`
- Split the `proxy_url` into 3 fields: `username`, `password`, and `address`
- Fixed ability to remove credentials from advanced options for repository sync
- Added a new component to indicate when a secret field is set or not
CHAPTER 6. JANUARY 2021 RELEASE

6.1. RED HAT ANSIBLE AUTOMATION PLATFORM 1.2.1

The latest version of Red Hat Automation Platform includes the following:

6.1.1. Ansible Automation Platform 1.2.1 Installer

Ansible Automation Platform can be installed in various ways by choosing the best mode for your environment and making any necessary modifications to the inventory file. See Installing Ansible Automation Platform for more information.

Platform Installer bug fixes and enhancements

- Updated the installer to ensure Automation Hub repositories are only enabled while running the installer
- Updated the installer to allow it to pin a specific version of Automation Hub that needs to be installed
- Fixed the installer to only install the DB where it belongs and not on all nodes
- Fixed the installer to only check the RHSM Automation Hub repository when not using a bundled installer

6.1.2. Ansible Tower 3.8.1

Ansible Tower helps teams centralize and control your IT infrastructure with a visual dashboard, role-based access control, job scheduling, integrated notifications and graphical inventory management. Easily embed Ansible Automation into existing tools and processes with REST API and CLI.

Bux fixes and enhancements

- Improved analytics collection to collect the playbook status for all hosts in a playbook run
- Updated nginx on RHEL 7
- Updated autobahn
- Added aggregation support for applying multiple subscriptions to a single Tower installation
- Fixed Tower to properly handle certain uploaded subscription manifests
- Fixed Tower to properly respect the configured destination port when interacting with Red Hat Satellite 6 to obtain licensing/entitlement data
- Fixed an error in the module documentation for the tower_license module
- Fixed inventory updates from Satellite 6 and Tower to no longer fail unexpectedly
- Fixed AWS inventory hosts to now properly track across inventory updates

See Ansible Tower Release Notes v3.8.1 for a full list of new features and enhancements.

6.1.3. Automation Hub 4.2.1
Automation Hub allows you to discover and utilize new certified automation content from Red Hat Ansible and Certified Partners. On Ansible Automation Hub, you can discover and manage Ansible Collections which is supported automation content developed by both partners and Red Hat for use cases such as cloud automation, network automation, security automation, and more.

**Private Automation Hub bug fixes and enhancements**

- Fixed NamespaceLink creation and Validation on duplicated name
- Fixed a bug where API returns 409 in case of existing group with same name
- Updated the namespaces api to perform a partial match on namespace name and namespace company name when using the ‘keywords’ query parameter
- Fixed KeyError lookup in namespace and collection viewset
- Fixed error in error msg when importing invalid filenames
- Enhanced content sync to better deal with Akamai rate limits
CHAPTER 7. NOVEMBER 2020 RELEASE

7.1. RED HAT ANSIBLE AUTOMATION PLATFORM 1.2.0

The latest version of Red Hat Automation Platform includes the following:

7.1.1. Ansible Tower 3.8.0

Ansible Tower helps teams centralize and control your IT infrastructure with a visual dashboard, role-based access control, job scheduling, integrated notifications and graphical inventory management. Easily embed Ansible Automation into existing tools and processes with REST API and CLI.

New Features

- Subscription activation can now be done via connecting to Red Hat Satellite, or by importing a subscription manifest.
- You can now integrate directly with Private Automation Hub as a source of content for Ansible Automation, and configure the priority of your content sources.
- Inventory sources are now configured via full YAML inventory plugin configuration, allowing access to the full set of available customization and grouping options.

See Ansible Tower Release Notes v3.8.0 for a full list of new features and enhancements.

7.1.2. Automation Hub 4.2.0

Automation Hub allows you to discover and utilize new certified automation content from Red Hat Ansible and Certified Partners. On Ansible Automation Hub, you can discover and manage Ansible Collections which is supported automation content developed by both partners and Red Hat for use cases such as cloud automation, network automation, security automation, and more.

Private Automation Hub

- Use the new private Automation Hub, which is hosted on-premises or on the cloud of your choice, to synchronize and manage this automation for enterprise use. Administrators can synchronize any desired certified Content Collections from Ansible Automation Hub into private Automation Hub, in addition to their own content, to provide a curated library of content for reusing and sharing across your internal automation community.

7.1.3. Automation Services Catalog

Automation Services Catalog provides lifecycle management, provisioning, retirement and cataloging of your automation resources. It works across multiple Ansible Automation Platform clusters allowing holistic analytics of automation across your entire infrastructure. It provides access to automation content in physical, virtual, cloud and container environments. Use this catalog when you need to control, organize, govern, and share automation content as well as when you must meet security and compliance requirements regarding the use of content.

Technology Preview

- Connect your on-premise Ansible Tower infrastructure to communicate with Automation Services Catalog by installing the Receptor plug-in.
New Features

- Use the new order process features to integrate Automation Services Catalog with an Information Technology Service Management (ITSM) systems such as ServiceNow.
CHAPTER 8. OCTOBER 2020 RELEASE

8.1. INTRODUCTION

Red Hat Automation Analytics give you analytics and real-time feedback about your automation deployments through insights and governance which allow you to view information about automation health, usage, and performance across your enterprise.

8.2. NEW FEATURES

October 2020

This Red Hat Automation Analytics release includes the following features:

- The **Job Explorer** provides a detailed view of jobs run on Ansible Tower clusters across your organizations. You can access the Job Explorer by directly clicking on the navigation tab or using the drill-down view available across each of the application’s charts. See [Evaluating your Ansible Tower jobs runs using the Job Explorer](#) to learn more.

8.3. ENHANCEMENTS

October 2020

This Red Hat Automation Analytics release includes the following enhancements:

- A date filter on the Automation Calculator;
- Additional details added to top templates.

8.4. BUG FIXES

This release of Red Hat Automation Analytics includes the following bug fixes:

- Scaling on the Automation Calculator is corrected.