



# Red Hat

## Red Hat Ansible Automation Platform 2.5

### Release notes

New features, enhancements, and bug fix information



# Red Hat Ansible Automation Platform 2.5 Release notes

---

New features, enhancements, and bug fix information

## Legal Notice

Copyright © Red Hat.

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution–Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at

<http://creativecommons.org/licenses/by-sa/3.0/>

. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux ® is the registered trademark of Linus Torvalds in the United States and other countries.

Java ® is a registered trademark of Oracle and/or its affiliates.

XFS ® is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL ® is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js ® is an official trademark of Joyent. Red Hat Software Collections is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack ® Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

## Abstract

The release notes for Red Hat Ansible Automation Platform summarize all new features and enhancements, notable technical changes, major corrections from the previous version, and any known bugs upon general availability.

## Table of Contents

PROVIDING FEEDBACK ON RED HAT DOCUMENTATION .....	10
<b>CHAPTER 1. OVERVIEW OF RED HAT ANSIBLE AUTOMATION PLATFORM .....</b>	<b>11</b>
1.1. WHAT IS INCLUDED IN THE ANSIBLE AUTOMATION PLATFORM .....	11
1.2. RED HAT ANSIBLE AUTOMATION PLATFORM LIFE CYCLE .....	11
<b>CHAPTER 2. NEW FEATURES AND ENHANCEMENTS .....</b>	<b>12</b>
2.1. INSTALLATION CHANGES .....	12
2.2. DEPLOYMENT TOPOLOGIES .....	12
2.3. UNIFIED UI .....	13
2.3.1. Terminology changes .....	13
2.4. EVENT-DRIVEN ANSIBLE FUNCTIONALITY (AUTOMATION DECISIONS) .....	13
2.5. EVENT-DRIVEN ANSIBLE 2.5 WITH AUTOMATION CONTROLLER 2.4 .....	14
2.6. RED HAT ANSIBLE LIGHTSPEED ON-PREMISE DEPLOYMENT .....	15
2.7. ANSIBLE PLUG-INS FOR RED HAT DEVELOPER HUB .....	15
2.8. SELF-SERVICE AUTOMATION PORTAL .....	15
2.9. ANSIBLE DEVELOPMENT TOOLS .....	16
2.10. RED HAT ANSIBLE AUTOMATION PLATFORM SERVICE ON AWS .....	16
2.11. ENHANCEMENTS .....	16
<b>CHAPTER 3. TECHNOLOGY PREVIEW .....</b>	<b>18</b>
3.1. TECHNOLOGY PREVIEW .....	18
3.1.1. Ansible-core 2.19 .....	18
3.1.2. Ansible development workspaces .....	18
3.1.3. Availability of Ansible Lightspeed intelligent assistant .....	18
3.1.4. Managing AI infrastructure using Red Hat Ansible Automation Platform .....	19
<b>CHAPTER 4. DEPRECATED FEATURES .....</b>	<b>20</b>
4.1. DEPRECATED API ENDPOINTS .....	21
<b>CHAPTER 5. REMOVED FEATURES .....</b>	<b>24</b>
<b>CHAPTER 6. CHANGED FEATURES .....</b>	<b>26</b>
<b>CHAPTER 7. KNOWN ISSUES .....</b>	<b>27</b>
7.1. ANSIBLE AUTOMATION PLATFORM .....	27
7.2. EVENT-DRIVEN ANSIBLE .....	27
7.3. ANSIBLE PLUG-INS FOR RED HAT DEVELOPER HUB .....	27
<b>CHAPTER 8. FIXED ISSUES .....</b>	<b>28</b>
8.1. ANSIBLE AUTOMATION PLATFORM .....	28
8.2. AUTOMATION HUB .....	29
8.3. EVENT-DRIVEN ANSIBLE .....	29
8.4. ANSIBLE AUTOMATION PLATFORM OPERATOR .....	29
8.5. ANSIBLE PLUG-INS FOR RED HAT DEVELOPER HUB .....	29
<b>CHAPTER 9. ANSIBLE AUTOMATION PLATFORM DOCUMENTATION .....</b>	<b>31</b>
<b>CHAPTER 10. PATCH RELEASES .....</b>	<b>34</b>
10.1. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 6, 2026 .....	34
10.1.1. CVE .....	35
10.2. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE DECEMBER 10, 2025 .....	35
10.2.1. General .....	35
10.2.2. CVE .....	36

10.2.3. Ansible Automation Platform	36
10.2.3.1. Bug Fixes	36
10.2.4. Ansible Automation Platform Operator	37
10.2.4.1. Bug Fixes	37
10.2.5. Automation controller	37
10.2.5.1. Features	37
10.2.5.2. Bug Fixes	37
10.2.6. Automation hub	37
10.2.6.1. Bug Fixes	37
10.2.7. Container-based Ansible Automation Platform	37
10.2.7.1. Bug Fixes	37
10.2.8. RPM-based Ansible Automation Platform	38
10.2.8.1. Bug Fixes	38
10.2.9. Event-Driven Ansible	38
10.2.9.1. Features	38
10.2.9.2. Bug Fixes	38
10.2.10. Receptor	38
10.2.10.1. Features	38
10.3. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 22, 2025	38
10.3.1. General	39
10.3.2. CVE	39
10.3.3. Deprecated	39
10.3.4. Ansible Automation Platform	40
10.3.5. New Features	40
10.3.5.1. Ansible Automation Platform	40
10.3.6. Enhancements	40
10.3.6.1. Ansible Automation Platform	40
10.3.6.2. Automation controller	40
10.3.6.3. Container-based Ansible Automation Platform	40
10.3.7. Bug fixes	40
10.3.7.1. Ansible Automation Platform	40
10.3.7.2. Ansible Automation Platform Operator	41
10.3.7.3. Automation controller	41
10.3.7.4. Automation hub	42
10.3.7.5. Container-based Ansible Automation Platform	42
10.3.7.6. RPM-based Ansible Automation Platform	42
10.3.8. Receptor	42
10.4. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE SEPTEMBER 23, 2025	42
10.4.1. General	43
10.4.2. CVE	43
10.4.3. Ansible Automation Platform	43
10.4.3.1. Enhancements	44
10.4.3.2. Bug fixes	44
10.4.4. Ansible Automation Platform Operator	44
10.4.5. Bug fixes	44
10.4.6. Automation controller	45
10.4.6.1. Bug Fixes	45
10.4.7. Automation hub	45
10.4.7.1. Enhancements	45
10.4.8. Container-based Ansible Automation Platform	45
10.4.8.1. Bug Fixes	45
10.4.9. Event-Driven Ansible	46
10.4.9.1. Bug Fixes	46

10.4.10. RPM-based Ansible Automation Platform	46
10.4.10.1. Bug Fixes	46
10.5. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE AUGUST 27, 2025	46
10.5.1. General	47
10.5.2. CVE	47
10.5.3. Ansible Automation Platform	47
10.5.3.1. Features	47
10.5.3.2. Enhancements	47
10.5.3.3. Bug fixes	47
10.5.4. Ansible Automation Platform Operator	48
10.5.5. Bug fixes	48
10.5.6. Automation controller	48
10.5.6.1. Bug Fixes	48
10.5.7. Container-based Ansible Automation Platform	49
10.5.7.1. Enhancements	49
10.5.7.2. Bug Fixes	49
10.5.8. Event-Driven Ansible	49
10.5.8.1. Bug Fixes	49
10.5.9. RPM-based Ansible Automation Platform	49
10.5.9.1. Enhancements	50
10.5.9.2. Bug Fixes	50
10.6. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JULY 30, 2025	50
10.6.1. General	50
10.6.2. CVE	51
10.6.3. Ansible Automation Platform	51
10.6.3.1. Features	51
10.6.3.2. Enhancements	51
10.6.3.3. Bug fixes	51
10.6.4. Automation controller	51
10.6.4.1. Enhancements	51
10.6.4.2. Bug Fixes	52
10.6.5. Container-based Ansible Automation Platform	52
10.6.5.1. Enhancements	52
10.6.5.2. Bug Fixes	52
10.6.6. RPM-based Ansible Automation Platform	52
10.6.6.1. Bug Fixes	52
10.7. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JULY 2, 2025	52
10.7.1. General	53
10.7.2. CVE	53
10.7.3. Ansible Automation Platform	53
10.7.3.1. Enhancements	54
10.7.3.2. Bug fixes	54
10.7.4. Red Hat Ansible Lightspeed	55
10.7.4.1. Enhancements	55
10.7.5. Ansible Automation Platform Operator	55
10.7.5.1. Enhancements	55
10.7.5.2. Bug fixes	55
10.7.6. Automation controller	55
10.7.6.1. Features	55
10.7.6.2. Bug Fixes	55
10.7.7. Automation hub	56
10.7.7.1. Enhancements	56
10.7.7.2. Bug Fixes	56

10.7.8. Container-based Ansible Automation Platform	56
10.7.8.1. Enhancements	56
10.7.8.2. Bug Fixes	56
10.7.9. Event-Driven Ansible	56
10.7.9.1. Features	56
10.7.9.2. Enhancements	56
10.7.9.3. Bug Fixes	57
10.7.10. Receptor	57
10.7.10.1. Bug Fixes	57
10.7.11. RPM-based Ansible Automation Platform	57
10.7.11.1. Bug Fixes	57
10.8. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JUNE 11, 2025	58
10.8.1. Automation controller	58
10.8.1.1. Bug Fixes	58
10.9. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JUNE 9, 2025	58
10.9.1. General	59
10.9.2. Ansible Automation Platform	59
10.9.2.1. Features	59
10.9.2.2. Enhancements	59
10.9.2.3. Bug fixes	59
10.9.3. Automation controller	60
10.9.3.1. Enhancements	60
10.9.3.2. Bug Fixes	60
10.9.4. Container-based Ansible Automation Platform	60
10.9.4.1. Enhancements	60
10.9.4.2. Bug Fixes	60
10.9.5. Event-Driven Ansible	60
10.9.5.1. Enhancements	61
10.9.5.2. Bug Fixes	61
10.9.6. RPM-based Ansible Automation Platform	61
10.9.6.1. Enhancements	61
10.9.6.2. Bug Fixes	61
10.10. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MAY 28, 2025	61
10.10.1. General	62
10.10.2. Features	62
10.10.2.1. Ansible Automation Platform	62
10.10.3. Enhancements	62
10.10.3.1. Ansible Automation Platform	62
10.10.3.2. Red Hat Ansible Lightspeed	62
10.10.3.3. Automation controller	63
10.10.4. Bug fixes	63
10.10.4.1. Ansible Automation Platform	63
10.10.4.2. Ansible Automation Platform Operator	63
10.10.4.3. Red Hat Ansible Lightspeed	63
10.10.4.4. Automation controller	63
10.10.4.5. Platform gateway	64
10.10.4.6. RPM-based Ansible Automation Platform	64
10.10.5. Known Issues	64
10.11. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MAY 7, 2025	64
10.11.1. General	65
10.11.2. Technology Preview	65
10.11.2.1. Policy as Code	65
10.11.3. Features	65

10.11.3.1. Ansible Automation Platform	65
10.11.3.2. Container-based Ansible Automation Platform	65
10.11.3.3. Event-Driven Ansible	66
10.11.4. Enhancements	66
10.11.4.1. Ansible Automation Platform	66
10.11.4.2. Ansible Automation Platform Operator	66
10.11.4.3. Automation controller	66
10.11.4.4. Container-based Ansible Automation Platform	67
10.11.4.5. Event-Driven Ansible	67
10.11.4.6. RPM-based Ansible Automation Platform	67
10.11.5. Bug fixes	67
10.11.5.1. Ansible Automation Platform	67
10.11.5.2. Ansible Automation Platform Operator	69
10.11.5.3. Automation controller	69
10.11.5.4. Container based Ansible Automation Platform	69
10.11.5.5. Event-Driven Ansible	70
10.11.5.6. Red Hat Ansible Lightspeed Operator	71
10.11.5.7. Receptor	71
10.11.5.8. RPM-based Ansible Automation Platform	71
10.12. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE APRIL 9, 2025	71
10.12.1. General	72
10.12.2. Enhancements	72
10.12.2.1. Container-based Ansible Automation Platform	72
10.12.3. Bug fixes	72
10.12.3.1. Ansible Automation Platform	72
10.12.3.2. Ansible Automation Platform Operator	72
10.12.3.3. Container based Ansible Automation Platform	72
10.12.3.4. Automation execution environments	72
10.12.3.5. Event-Driven Ansible	72
10.12.3.6. RPM-based Ansible Automation Platform	73
10.12.4. Known Issues	73
10.13. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MARCH 26, 2025	73
10.13.1. General	74
10.13.1.1. Deprecated	74
10.13.2. Bug fixes	74
10.13.2.1. Ansible Automation Platform	74
10.13.2.2. Ansible Automation Platform Operator	74
10.13.2.3. Automation controller	75
10.13.2.4. Automation hub	75
10.13.2.5. RPM-based Ansible Automation Platform	75
10.13.3. Known Issues	75
10.14. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MARCH 12, 2025	75
10.14.1. General	76
10.14.2. Features	77
10.14.2.1. Event-Driven Ansible	77
10.14.3. Enhancements	77
10.14.3.1. Event-Driven Ansible	77
10.14.3.2. RPM-based Ansible Automation Platform	77
10.14.4. Deprecated	77
10.14.5. Bug fixes	77
10.14.5.1. Ansible Automation Platform	77
10.14.5.2. Platform gateway	78
10.14.5.3. Automation controller	78

10.14.5.4. Container-based Ansible Automation Platform	78
10.14.5.5. Event-Driven Ansible	78
10.14.5.6. Receptor	79
10.14.5.7. RPM-based Ansible Automation Platform	79
10.14.6. Known Issues	79
<b>10.15. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MARCH 01, 2025</b>	<b>80</b>
10.15.1. Bug fixes	80
10.15.1.1. CVE	80
10.15.1.2. Platform gateway	81
<b>10.16. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE FEBRUARY 25, 2025</b>	<b>81</b>
10.16.1. Enhancements	81
10.16.1.1. Platform gateway	81
10.16.1.2. Event-Driven Ansible	81
10.16.2. Bug fixes	82
10.16.2.1. Ansible Automation Platform	82
10.16.2.2. Platform gateway	83
10.16.2.3. Event-Driven Ansible	83
10.16.2.4. Known Issues	83
<b>10.17. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE FEBRUARY 13, 2025</b>	<b>83</b>
10.17.1. New Features	84
10.17.1.1. Ansible Automation Platform	84
10.17.2. Enhancements	84
10.17.2.1. General	84
10.17.2.2. Ansible Automation Platform	84
10.17.2.3. Automation controller	84
10.17.2.4. Automation execution environments	84
10.17.3. Bug fixes	84
10.17.3.1. Migration	84
10.17.3.2. Ansible Automation Platform	84
10.17.3.3. Ansible Automation Platform Operator	85
10.17.3.4. Automation controller	85
10.17.3.5. Automation hub	85
10.17.3.6. Container-based Ansible Automation Platform	85
10.17.3.7. Event-Driven Ansible	86
10.17.3.8. Known Issues	86
<b>10.18. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 29, 2025</b>	<b>86</b>
10.18.1. Enhancements	86
10.18.1.1. Ansible Automation Platform	86
10.18.1.2. Event-Driven Ansible	86
10.18.1.3. RPM-based Ansible Automation Platform	86
10.18.2. Bug fixes	87
10.18.2.1. CVE	87
10.18.2.2. Automation controller	87
10.18.2.3. Container-based Ansible Automation Platform	87
10.18.2.4. Event-Driven Ansible	87
10.18.2.5. RPM-based Ansible Automation Platform	88
<b>10.19. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 22, 2025</b>	<b>88</b>
10.19.1. Enhancements	88
10.19.1.1. Ansible Automation Platform	88
10.19.2. Bug fixes	88
10.19.2.1. Ansible Automation Platform	88
<b>10.20. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 15, 2025</b>	<b>88</b>
10.20.1. Enhancements	89

10.20.1.1. Ansible Automation Platform	89
10.20.1.2. Ansible Automation Platform Operator	89
10.20.1.3. Container-based Ansible Automation Platform	89
10.20.2. Bug fixes	89
10.20.2.1. CVE	89
10.20.2.2. Red Hat Ansible Automation Platform	90
10.20.2.3. Automation controller	90
10.20.2.3.1. Container-based Ansible Automation Platform	90
10.20.2.4. RPM-based Ansible Automation Platform	91
10.21. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE DECEMBER 18, 2024	91
10.21.1. Enhancements	91
10.21.1.1. Ansible Automation Platform	91
10.21.1.2. Documentation updates	92
10.21.1.3. Event-Driven Ansible	92
10.21.2. Bug fixes	92
10.21.2.1. General	92
10.21.2.2. Red Hat Ansible Automation Platform	93
10.21.2.3. Ansible automation hub	93
10.21.2.3.1. Container-based Ansible Automation Platform	93
10.21.2.4. Event-Driven Ansible	94
10.22. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE DECEMBER 3, 2024	95
10.22.1. Enhancements	95
10.22.1.1. Ansible Automation Platform	95
10.22.1.2. Ansible Automation Platform Operator	95
10.22.1.3. Container-based Ansible Automation Platform	96
10.22.1.4. Documentation updates	96
10.22.1.5. RPM-based Ansible Automation Platform	96
10.22.2. Bug fixes	96
10.22.2.1. General	96
10.22.2.2. Ansible Automation Platform Operator	96
10.22.2.3. Automation controller	97
10.22.2.4. Container-based Ansible Automation Platform	97
10.22.2.5. Receptor	97
10.22.2.6. RPM-based Ansible Automation Platform	97
10.23. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE NOVEMBER 18, 2024	98
10.23.1. Enhancements	98
10.23.2. Bug fixes	98
10.23.2.1. General	98
10.23.2.2. Ansible Automation Platform	98
10.23.2.3. Execution Environment	98
10.23.2.4. Ansible Automation Platform Operator	98
10.23.2.5. Container-based Ansible Automation Platform	99
10.23.2.6. RPM-based Ansible Automation Platform	99
10.23.2.7. Ansible development tools	99
10.24. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 28, 2024	99
10.24.1. Enhancements	99
10.24.1.1. Ansible Automation Platform	99
10.24.1.2. Ansible Automation Platform Operator	100
10.24.1.3. Container-based Ansible Automation Platform	100
10.24.1.4. RPM-based Ansible Automation Platform	100
10.24.2. Bug fixes	100
10.24.2.1. Ansible Automation Platform	100
10.24.2.2. Automation controller	100

10.24.2.3. Automation hub	101
10.24.2.4. Ansible Automation Platform Operator	101
10.24.2.5. Container-based Ansible Automation Platform	101
10.25. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 14, 2024	101
10.25.1. Fixed issues	101
10.25.1.1. Ansible Automation Platform	101
10.25.2. Advisories	102
10.26. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 7, 2024	102
10.26.1. Enhancements	102
10.26.2. Fixed issues	102
10.26.2.1. Ansible Automation Platform	102
10.26.2.2. Event-Driven Ansible	103
10.26.3. Advisories	103



## PROVIDING FEEDBACK ON RED HAT DOCUMENTATION

If you have a suggestion to improve this documentation, or find an error, you can contact technical support at <https://access.redhat.com> to open a request.

# CHAPTER 1. OVERVIEW OF RED HAT ANSIBLE AUTOMATION PLATFORM

Red Hat Ansible Automation Platform simplifies the development and operation of automation workloads for managing enterprise application infrastructure lifecycles. Ansible Automation Platform works across multiple IT domains, including operations, networking, security, and development, as well as across diverse hybrid environments. Simple to adopt, use, and understand, 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 IS INCLUDED IN THE ANSIBLE AUTOMATION PLATFORM

Ansible Automation Platform	Automation controller	Automation hub	Event-Driven Ansible controller	Insights for Ansible Automation Platform	Platform gateway (Unified UI)
2.5	4.6.0	<ul style="list-style-type: none"> <li>● 4.10.0</li> <li>● hosted service</li> </ul>	1.1.0	hosted service	1.1

## 1.2. RED HAT ANSIBLE AUTOMATION PLATFORM LIFE CYCLE

Red Hat provides different levels of maintenance for each Ansible Automation Platform release. For more information, see [Red Hat Ansible Automation Platform Life Cycle](#).

# CHAPTER 2. NEW FEATURES AND ENHANCEMENTS

## 2.1. INSTALLATION CHANGES

Starting with Ansible Automation Platform 2.5, three different on-premise deployment models are fully tested. In addition to the existing RPM-based installer and operator, support for the containerized installer is being added.

As the platform moves toward a container-first model, the RPM-based installer will be removed in a future release, and a deprecation warning is being issued with the release of Ansible Automation Platform 2.5. While the RPM installer will still be supported for Ansible Automation Platform 2.5 until it is removed, the investment will focus on the container-based installation for RHEL deployments and the operator-based installation for OpenShift deployments. Upgrades from 2.4 containerized Ansible Automation Platform Technology Preview to 2.5 containerized Ansible Automation Platform are unsupported.

## 2.2. DEPLOYMENT TOPOLOGIES

Red Hat tests Ansible Automation Platform 2.5 with a defined set of topologies to give you opinionated deployment options. Deploy all components of Ansible Automation Platform so that all features and capabilities are available for use without the need to take further action.

It is possible to install Ansible Automation Platform on different infrastructure topologies and with different environment configurations. Red Hat does not fully test topologies outside of published reference architectures. Red Hat recommends using a tested topology for all new deployments and provides commercially reasonable support for deployments that meet minimum requirements.

At the time of the Ansible Automation Platform 2.5 GA release, a limited set of topologies are fully tested. Red Hat will regularly add new topologies to iteratively expand the scope of fully tested deployment options. As new topologies roll out, we will include them in the release notes.

The following table shows the tested topologies for Ansible Automation Platform 2.5:

Mode	Infrastructure	Description	Tested topologies
RPM	Virtual Machines/Bare Metal	The RPM installer deploys the Ansible Automation Platform on Red Hat Enterprise Linux using RPMs to install the platform on host machines. Customers manage the product and infrastructure lifecycle.	<ul style="list-style-type: none"> <li>• RPM growth topology</li> <li>• RPM enterprise topology</li> </ul>

Mode	Infrastructure	Description	Tested topologies
Containers	Virtual Machines/Bare Metal	The containerized installer deploys the Ansible Automation Platform on Red Hat Enterprise Linux by using Podman that runs the platform in containers on host machines. Customers manage the product and infrastructure lifecycle.	<ul style="list-style-type: none"> <li>● Container growth topology</li> <li>● Container enterprise topology</li> </ul>
Operator	Red Hat OpenShift	The operator uses Red Hat OpenShift operators to deploy the Ansible Automation Platform within Red Hat OpenShift. Customers manage the product and infrastructure lifecycle.	<ul style="list-style-type: none"> <li>● Operator growth topology</li> <li>● Operator enterprise topology</li> </ul>

For more information, see [Tested deployment models](#).

## 2.3. UNIFIED UI

In versions before 2.5, the Ansible Automation Platform was split into three primary services: automation controller, automation hub, and Event-Driven Ansible controller. Each service included standalone user interfaces, separate deployment configurations, and separate authentication schemas.

In Ansible Automation Platform 2.5, the platform gateway is provided as a service that handles authentication and authorization for the Ansible Automation Platform. With the platform gateway, all services that make up the Ansible Automation Platform are consolidated into a single unified UI. The unified UI provides a single entry into the Ansible Automation Platform and serves the platform user interface to authenticate and access all of the Ansible Automation Platform services from a single location.

### 2.3.1. Terminology changes

The Unified UI highlights the functional benefits provided by each underlying service. New UI terminology aligns to earlier names as follows:

- **Automation execution** provides functionality from the **automation controller** service
- **Automation decisions** provides functionality from the **Event-Driven Ansible** service
- **Automation content** provides functionality from the **automation hub** service

## 2.4. EVENT-DRIVEN ANSIBLE FUNCTIONALITY (AUTOMATION DECISIONS)

With Ansible Automation Platform 2.5, Event-Driven Ansible functionality has been enhanced with the following features:

- Enterprise single-sign on and role-based access control are available through a new Ansible Automation Platform UI, which enables a single point of authentication and access to all functional components as follows:
  - Automation Execution (automation controller)
  - Automation Decision (Event-Driven Ansible)
  - Automation Content (automation hub)
  - Automation Analytics
  - Access Management
  - Red Hat Ansible Lightspeed
- Simplified event routing capabilities introduce event streams. Event streams are an easy way to connect your sources to your rulebooks. This new capability lets you create a single endpoint to receive alerts from an event source and then use the events in multiple rulebooks. This simplifies rulebook activation setup, reduces maintenance demands, and helps lower risk by eliminating the need for additional ports to be open to external traffic.
- Event-Driven Ansible in the Ansible Automation Platform 2.5 now supports horizontal scaling, allowing you to install multiple Event-Driven Ansible nodes to handle increased event volume.
- Migration to the new platform-wide Red Hat Ansible Automation Platform credential type replaces the legacy controller token for enabling rulebook activations to call jobs in the automation controller.
- Event-Driven Ansible now has the ability to manage credentials that can be added to rulebook activations. These credentials can be used in rulebooks to authenticate to event sources. In addition, you can now attach vault credentials to rulebook activations so that you can use vaulted variables in rulebooks. Encrypted credentials and vaulted variables enable enterprises to secure the use of Event-Driven Ansible within their environment.
- New modules are added to the `ansible.eda` collection to enable users to automate the configuration of the Event-Driven Ansible controller using Ansible playbooks.

## 2.5. EVENT-DRIVEN ANSIBLE 2.5 WITH AUTOMATION CONTROLLER 2.4

You can use a newly installed version of Event-Driven Ansible from Ansible Automation Platform 2.5 with some existing versions of the automation controller. A hybrid configuration is supported with the following versions:

- 2.4 Ansible Automation Platform version of automation controller (4.4 or 4.5)
- 2.5 Ansible Automation Platform version of Event-Driven Ansible (1.1)

You can only use new installations of Event-Driven Ansible in this configuration. RPM-based hybrid deployments are fully supported by Red Hat. For details on setting up this configuration, see the chapter **Installing Event-Driven Ansible controller 1.1 and configuring automation controller 4.4 or 4.5** in the [Using Event-Driven Ansible 2.5 with Ansible Automation Platform 2.4](#) guide.

A hybrid configuration means you can install a new Event-Driven Ansible service and configure rulebook activations to execute job templates on a 2.4 version of the automation controller.

## 2.6. RED HAT ANSIBLE LIGHTSPEED ON-PREMISE DEPLOYMENT

Red Hat Ansible Lightspeed with IBM Watsonx Code Assistant is a generative AI service that helps automation teams create, adopt, and maintain Ansible content more efficiently; it is now available as an on-premise deployment on the Ansible Automation Platform 2.5.

The on-premise deployment provides the Ansible Automation Platform customers more control over their data and supports compliance with enterprise security policies. For example, organizations in sensitive industries with data privacy or air-gapped requirements can use on-premise deployments of both Red Hat Ansible Lightspeed and IBM Watsonx Code Assistant for Red Hat Ansible Lightspeed on Cloud Pak for Data. Red Hat Ansible Lightspeed on-premise deployments are supported on Ansible Automation Platform 2.5. For more information, see the chapter [Setting up Red Hat Ansible Lightspeed on-premise deployment](#) in the *Red Hat Ansible Lightspeed with IBM Watsonx Code Assistant User Guide* .

## 2.7. ANSIBLE PLUG-INS FOR RED HAT DEVELOPER HUB

The Ansible plug-ins for Red Hat Developer Hub deliver an Ansible-first Red Hat Developer Hub user experience that simplifies creating Ansible content, such as playbooks and collections, for Ansible users of all skill levels. The Ansible plug-ins provide curated content and features to accelerate Ansible learner onboarding and streamline Ansible use case adoption across your organization.

The Ansible plug-ins provide the following capabilities:

- A customized home page and navigation tailored to Ansible users
- Curated Ansible learning paths to help users new to Ansible
- Software templates for creating Ansible playbooks and collection projects that follow best practices
- Links to supported development environments and tools with opinionated configurations

For more information, see [Installing Ansible plug-ins for Red Hat Developer Hub](#) .

## 2.8. SELF-SERVICE AUTOMATION PORTAL

Self-service automation portal aims to provide a self-service experience, making automation simpler and easily accessible to users of any skill level and role. It also offers accelerated deployment of common automation use cases.

- Seamless Integration: Uses your existing Ansible Automation Platform configuration—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 Ansible Automation Platform artifacts, such as Ansible Automation Platform inventories.

- For more information, see [Installing self-service automation portal](#).

## 2.9. ANSIBLE DEVELOPMENT TOOLS

Ansible development tools is a suite of tools provided with the Ansible Automation Platform to help automation creators create, test, and deploy playbook projects, execution environments, and collections on Linux, MacOS, and Windows platforms. Consolidating core Ansible tools into a single package simplifies tool management and promotes recommended practices in the automation content creation experience.

Ansible development tools are distributed in an RPM package for RHEL systems, and in a supported container distribution that can be used on Linux, Mac, and Windows OS.

Ansible development tools comprise the following tools:

- ansible-builder
- ansible-core
- ansible-lint
- ansible-navigator
- ansible-sign
- Molecule
- ansible-creator
- ansible-dev-environment
- pytest-ansible
- tox-ansible

For more information, see [Developing Ansible automation content](#).

## 2.10. RED HAT ANSIBLE AUTOMATION PLATFORM SERVICE ON AWS

Red Hat Ansible Automation Platform Service on AWS is a deployment of the Ansible Automation Platform control plane purchased through AWS Marketplace. Red Hat manages the service so that customer teams can focus on automation.

For more information, see [Red Hat Ansible Automation Platform Service on AWS](#).

## 2.11. ENHANCEMENTS

- Added the ability to provide **mounts.conf** or copy from a local or remote source when installing Podman. (AAP-16214)
- Updated the inventory file to include the SSL key and certificate parameters for provided SSL web certificates. (AAP-13728)
- Added an Ansible Automation Platform operator-version label on Kubernetes resources created by the operator. (AAP-31058)

- Added installation variables to support PostgreSQL certificate authentication for user-provided databases. (AAP-1095)
- Updated NGINX to version 1.22. (AAP-15128)
- Added a new configuration endpoint for the REST API. (AAP-13639)
- Allowed adjustment of **RuntimeDirectorySize** for Podman environments at the time of installation. (AAP-11597)
- Added support for the **SAFE\_PLUGINS\_FOR\_PORT\_FORWARD** setting for **eda-server** to the installation program. (AAP-21503)
- Aligned inventory content to tested topologies and added comments for easier access to groups and variables when custom configurations are required. (AAP-30242)
- The variable **automationedacontroller\_allowed\_hostnames** is no longer needed and is no longer supported for Event-Driven Ansible installations. (AAP-24421)
- The **eda-server** now opens the ports for a rulebook with a source plugin that requires inbound connections only if that plugin is allowed in the settings. (AAP-17416)
- The Event-Driven Ansible settings are now moved to a dedicated YAML file. (AAP-13276)
- Starting with Ansible Automation Platform 2.5, customers using the controller collection (**ansible.controller**) have the platform collection (**ansible.platform**) as a single point of entry, and must use the platform collection to seed organizations, users, and teams. (AAP-31517)
- Users are opted in for Automation Analytics by default when activating automation controller on first time log in. (ANSTRAT-875)

# CHAPTER 3. TECHNOLOGY PREVIEW

## 3.1. TECHNOLOGY PREVIEW

Technology Preview features are not supported with Red Hat production service level agreements (SLAs) and might not be functionally complete. Red Hat does not recommend using them in production. These features provide early access to upcoming product features, enabling customers to test functionality and provide feedback during the development process.

For more information about the support scope of Red Hat Technology Preview features, see [Technology Preview Features Support Scope](#).

### 3.1.1. Ansible-core 2.19

This [technical preview](#) includes an overhaul of the templating system and a new feature labeled Data Tagging. These changes enable reporting of numerous problematic behaviors that went undetected in previous releases, with wide-ranging positive effects on security, performance, and user experience.

Backward compatibility has been preserved where practical, but some breaking changes were necessary. This guide describes some common problem scenarios with example content, error messages, and suggested solutions.

We recommend you test your playbooks and roles in a staging environment with this release to determine where you may need to make changes.

For further information see the [Ansible Porting Guide](#).

### 3.1.2. Ansible development workspaces

A supported Ansible development workspace container image is now available as a Technology Preview release. The container image is used with Red Hat OpenShift Dev Spaces to create an in-browser instance of VS Code with the Ansible extension installed, so that you can use Ansible development tools to develop automation content.

For information about installing and using Ansible dev spaces, see [Using Ansible development workspaces for automation content development](#).

### 3.1.3. Availability of Ansible Lightspeed intelligent assistant

The Ansible Lightspeed intelligent assistant is now available on Ansible Automation Platform 2.5 on Red Hat OpenShift Container Platform as a Technology Preview release. It is an intuitive chat interface embedded within the Ansible Automation Platform, utilizing generative artificial intelligence (AI) to answer questions about the Ansible Automation Platform.

The chat experience in the Ansible Lightspeed intelligent assistant interacts with users in their natural language prompts in English, and utilizes large language models (LLMs) to generate quick, accurate, and personalized responses. These responses empower Ansible Automation Platform users to work more efficiently, thereby improving productivity and the overall quality of their work.

To access and use the Ansible Lightspeed intelligent assistant, you need:

- Installation of Ansible Automation Platform 2.5 on Red Hat OpenShift Container Platform.
- Deployment of an LLM served by Red Hat AI platforms.

For more information, see [Deploying the Ansible Lightspeed intelligent assistant on OpenShift Container Platform](#) in *Installing on OpenShift Container Platform* guide.

## Additional resources

- For the most recent list of Technology Preview features, see [Ansible Automation Platform - Preview Features](#).
- For information about execution node enhancements on OpenShift deployments, see [Managing Capacity With Instances](#).

### 3.1.4. Managing AI infrastructure using Red Hat Ansible Automation Platform

It is now possible to access a practical approach to managing and automating AI infrastructure using Red Hat Ansible Automation Platform. Please refer to the [AI + Ansible Solution Guides](#).

## CHAPTER 4. DEPRECATED FEATURES

Deprecated functionality is still included in Ansible Automation Platform and continues to be supported during this version's support cycle. However, the functionality will be removed in a future release of Ansible Automation Platform and is not recommended for new deployments.

The following table provides information about features that were deprecated in Ansible Automation Platform 2.5:

Component	Feature
Automation controller, automation hub, and Event-Driven Ansible controller	<p>Tokens for the automation controller and the automation hub are deprecated. If you want to generate tokens, use the platform gateway to create them.</p> <p>The platform gateway is the service that handles authentication and authorization for the Ansible Automation Platform. It provides a single entry into the Ansible Automation Platform and serves the platform user interface, so you can authenticate and access all of the Ansible Automation Platform services from a single location.</p>
Automation controller and automation hub	All non-local authentications into the automation controller and automation hub are deprecated. Use the platform gateway to configure external authentications, such as SAML, LDAP, and RADIUS.
Ansible-core	The <b>INI</b> configuration option in the <b>COLLECTIONS_PATHS</b> is deprecated. Use the singular form <b>COLLECTIONS_PATH</b> instead.
Ansible-core	The environment variable <b>ANSIBLE_COLLECTIONS_PATHS</b> is deprecated. Use the singular form <b>ANSIBLE_COLLECTIONS_PATH</b> instead.
Ansible-core	Old-style Ansible vars plug-ins that use the entry points <b>get_host_vars</b> or <b>get_group_vars</b> were deprecated in ansible-core 2.16, and will be removed in ansible-core 2.18. Update the Ansible plug-in to inherit from <b>BaseVarsPlugin</b> and define a <b>get_vars</b> method as the entry point.
Ansible-core	The <b>STRING_CONVERSION_ACTION</b> configuration option is deprecated as it is no longer used in the ansible-core code base.
Ansible-core	The <b>smart</b> option for setting a connection plug-in is being removed as its main purpose of choosing between SSH and Paramiko protocols is now irrelevant. Select an explicit connection plug-in instead.
Ansible-core	The undocumented <b>vaultid</b> parameter in the <b>vault</b> and <b>unvault</b> filters is deprecated and will be removed in ansible-core version 2.20. Use <b>vault_id</b> instead.
Ansible-core	The string parameter <b>keepcache</b> in the <b>yum_repository</b> is deprecated.
Ansible-core	The <b>required</b> parameter in the API <b>ansible.module_utils.common.process.get_bin_path</b> is deprecated.

Component	Feature
Ansible-core	<p><b>module_utils</b> - Importing the following convenience helpers from <code>ansible.module_utils.basic</code> has been deprecated:</p> <p><code>get_exception, literal_eval, _literal_eval, datetime, signal, types, chain, repeat, PY2, PY3, b, binary_type, integer_types, iteritems, string_types, test_type, map, and shlex_quote.</code></p> <p>Import the helpers from the source definition.</p>
Ansible-core	<p><b>ansible-doc</b> - Role <code>entrypoint</code> attributes are deprecated and eventually will no longer be shown in <b>ansible-doc</b> from ansible-core.</p>
Automation execution environment	Execution environment-29 will be deprecated in the next major release after Ansible Automation Platform 2.5.
Installer	The Ansible team is exploring ways to improve the installation of the Ansible Automation Platform on Red Hat Enterprise Linux, which may include changes to how components are deployed using RPM directly on the host OS. RPMs will be replaced by packages deployed into containers that are run via Podman; this is similar to how automation currently executes on Podman in containers (execution environments) on the host OS. Changes will be communicated through release notes, but removal will occur in future revisions of the Ansible Automation Platform <a href="#">lifecycle events</a> .
Automation mesh	The Work Python option has been deprecated and will be removed from automation mesh in a future release.

## 4.1. DEPRECATED API ENDPOINTS

API endpoints that will be removed in a future release either because their functionality is being removed or superseded with other capabilities. For example, with the platform moving to a centralized authentication system in the platform gateway, the existing authorization APIs in the automation controller and automation hub are being deprecated for future releases as all authentication operations should occur in the platform gateway.

Component	Endpoint	Capability
Automation controller	<b>/api/o</b>	Token authentication is moving to the platform gateway.
Automation hub	<b>/api/login/keycloak</b>	Moving to the platform gateway.
Automation hub	<b>/api/v3/auth/token</b>	Token authentication used for pulling collections will migrate to the platform gateway tokens.

Component	Endpoint	Capability
Automation controller	<b>/api/v2/organizations</b>	Moving to the platform gateway.
Automation controller	<b>/api/v2/teams</b>	Moving to the platform gateway.
Automation controller	<b>/api/v2/users</b>	Moving to the platform gateway.
Automation controller	<b>/api/v2/roles</b>	Controller-specific role definitions are moving to <b>/api/controller/v2/role_definitions</b> .
Automation controller	The following roles lists: <ul style="list-style-type: none"><li>• <b>/api/v2/teams/{id}/roles/</b></li><li>• <b>/api/v2/users/{id}/roles/</b></li></ul>	Controller-specific resource permissions are moving to <b>/api/controller/v2/role_user_assignments</b> and <b>/api/controller/v2/role_team_assignments</b> .
Automation controller	The following object roles lists: <ul style="list-style-type: none"><li>• <b>/api/v2/credentials/{id}/object_roles/</b></li><li>• <b>/api/v2/instance_groups/{id}/object_roles/</b></li><li>• <b>/api/v2/inventories/{id}/object_roles/</b></li><li>• <b>/api/v2/job_templates/{id}/object_roles/</b></li><li>• <b>/api/v2/organizations/{id}/object_roles/</b></li><li>• <b>/api/v2/projects/{id}/object_roles/</b></li><li>• <b>/api/v2/teams/{id}/object_roles/</b></li><li>• <b>/api/v2/workflow_job_templates/{id}/object_roles/</b></li></ul>	Controller-specific resource permissions are moving to <b>/api/controller/v2/role_user_assignments</b> and <b>/api/controller/v2/role_team_assignments</b> .

Component	Endpoint	Capability
Automation controller	<p>The following resource access lists:</p> <ul style="list-style-type: none"> <li>• <code>/api/v2/credentials/{id}/access_list/</code></li> <li>• <code>/api/v2/instance_groups/{id}/access_list/</code></li> <li>• <code>/api/v2/inventories/{id}/access_list/</code></li> <li>• <code>/api/v2/job_templates/{id}/access_list/</code></li> <li>• <code>/api/v2/organizations/{id}/access_list/</code></li> <li>• <code>/api/v2/projects/{id}/access_list/</code></li> <li>• <code>/api/v2/teams/{id}/access_list/</code></li> <li>• <code>/api/v2/users/{id}/access_list/</code></li> <li>• <code>/api/v2/workflow_job_templates/{id}/access_list/</code></li> </ul>	No replacements yet.

## CHAPTER 5. REMOVED FEATURES

Removed features are those that were deprecated in earlier releases. They are now removed from the Ansible Automation Platform, and will no longer be supported.

The following table provides information about features that are removed in Ansible Automation Platform 2.5:

Component	Feature
Automation controller	Proxy support for the automation controller has been removed. Load balancers must now point to the platform gateway instead of the controller.
ansible-lint	Support for old Ansible <b>include</b> tasks syntax is removed in version 2.16 and moved to <b>include_tasks</b> or <b>import_tasks</b> . Update content to use the currently-supported Ansible syntax, like <b>include_tasks</b> or <b>import_tasks</b> .
Event-Driven Ansible controller	Tokens for the Event-Driven Ansible controller are deprecated. Their configuration has been removed from rulebook activations, and they have been replaced with the Ansible Automation Platform credential type.
Ansible-core	Support for Windows Server versions 2012 and 2012 R2 is removed, as Microsoft's supported end-of-life date is 10 October 2023. These versions of Windows Server are not tested in the Ansible Automation Platform 2.5 release. Red Hat does not guarantee that these features will continue to work as expected in this and future releases.
Ansible-core	In the Action plugin with an <b>ActionBase</b> class, the deprecated <b>_remote_checksum</b> method is now removed. Use <b>_execute_remote_stat</b> instead.
Ansible-core	The deprecated <b>FileLock</b> class is now removed. Add your own implementation or rely on third-party support.
Ansible-core	Python 3.9 is now removed as a supported version of the automation controller. Use Python 3.10 or later.
Ansible-core	The <b>include</b> module that was deprecated in ansible-core 2.12 is now removed. Use <b>include_tasks</b> or <b>import_tasks</b> instead.
Ansible-core	<b>Templar</b> - The deprecated <b>shared_loader_obj</b> parameter of <b>init</b> is now removed.
Ansible-core	<b>fetch_url</b> - Removed auto disabling <b>decompress</b> when gzip is not available.
Ansible-core	<b>inventory_cache</b> - Removed deprecated <b>default.fact_caching_prefix ini</b> configuration option. Use <b>defaults.fact_caching_prefix</b> instead.

Component	Feature
Ansible-core	<p><b>module_utils/basic.py</b> - Removed Python 3.5 as a supported remote version. Python version 2.7 or Python version 3.6 or later is now required.</p> <p>Removed Python versions 2.7 and 3.6 as supported remote versions. Use Python 3.7 or later for target execution.</p> <p><b>NOTE:</b> This applies to Ansible version 2.17 only.</p> <p>With the removal of Python 2 support, the <b>yum</b> module and <b>yum action</b> plug-in are removed and redirected to <b>dnf</b>.</p>
Ansible-core	<b>stat</b> - Removed the unused <b>get_md5</b> parameter.
Ansible-core	Removed the deprecated <b>JINJA2_NATIVE_WARNING</b> environment variable.
Ansible-core	Removed the deprecated <b>scp_if_ssh</b> from the ssh connection plugin.
Ansible-core	Removed the deprecated <b>crypt</b> support from <b>ansible.utils.encrypt</b> .
Execution environment	The Python link is no longer available in the ubi9-based execution environments; only python3 is. Replace scripts that use <b>python</b> or <b>/bin/python</b> with <b>python3</b> or <b>/bin/python3</b> .

## CHAPTER 6. CHANGED FEATURES

Changed features are not deprecated and will continue to be supported until further notice.

The following table provides information about features that are changed in Ansible Automation Platform 2.5:

Component	Feature
Automation hub	Error codes are now changed from 403 to 401. Any API client usage relying on specific status code 403 versus 401 will have to update their logic. Standard UI usage will work as expected.
Event-Driven Ansible	The endpoints <b>/extra_vars</b> are now moved to a property within <b>/activations</b> .
Event-Driven Ansible	The endpoint <b>/credentials</b> was replaced with <b>/eda-credentials</b> . This is part of an expanded credentials capability for Event-Driven Ansible. For more information, see the chapter <a href="#">Setting up credentials for Event-Driven Ansible controller</a> in the <i>Event-Driven Ansible controller user guide</i> .
Event-Driven Ansible	Event-Driven Ansible can no longer add, edit, or delete the platform gateway-managed resources. Creating, editing, or deleting organizations, teams, or users is available through platform gateway endpoints only. The platform gateway endpoints also enable you to edit organization or team memberships and configure external authentication.
API	Auditing of users has now changed. Users are now audited through the platform API, not through the controller API. This change applies to the Ansible Automation Platform in both cloud service and on-premise deployments.
Automation controller, automation hub, platform gateway, and Event-Driven Ansible	User permission audits the sources of truth for the platform gateway. When an IdP (SSO) is used, then the IdP should be the source of truth for user permission audits. When the Ansible Automation Platform platform gateway is used without SSO, then the platform gateway should be the source of truth for user permissions, not the app-specific UIs or APIs.

# CHAPTER 7. KNOWN ISSUES

This section provides information about known issues in Ansible Automation Platform 2.5.

## 7.1. ANSIBLE AUTOMATION PLATFORM

- Added the **podman\_containers\_conf\_logs\_max\_size** variable for **containers.conf** to control the max log size for Podman installations. The default value is 10 MiB. (AAP-12295)
- Setting the **pg\_host=** value without any other context no longer results in an empty HOST section of the **settings.py** in the automation controller. As a workaround, delete the **pg\_host=** value or set it to **pg\_host=""**. (AAP-31915)
- Using **Prompt on launch** for variables for job templates, workflow job templates, workflow visualizer nodes, and schedules will not show the default variables when launching the job, or when configuring the workflows and schedules. (AAP-30585)
- The unused **ANSIBLE\_BASE\_** settings are included as environment variables in the job execution. These variables suffixed with **SECRET** are no longer used in the Ansible Automation Platform and might be ignored until they are removed in a future patch. (AAP-32208)

## 7.2. EVENT-DRIVEN ANSIBLE

- mTLS event stream creation should be disallowed on all installation methods by default. It is currently disallowed on OpenShift Container Platform installation, but not disallowed in the containerized installations or on RPM installations. (AAP-31337)
- If a primary Redis node enters a **failed** state and a new primary node is promoted, Event-Driven Ansible workers and scheduler are unable to reconnect to the cluster. This causes activations to fail until the containers or pods are recycled. (AAP-30722)  
For more information, see the KCS article [Redis failover causes Event-Driven Ansible activation failures](#).

## 7.3. ANSIBLE PLUG-INS FOR RED HAT DEVELOPER HUB

- Python VS Code extension v2024.14.1 does not work in OpenShift Dev Spaces version 1.9.3, prohibiting the Ansible VS Code extension from loading. As a workaround, downgrade the Python VS Code extension version to 2024.12.3.
- The Ansible Content Creator **Get Started** page links do not work in OpenShift Dev Spaces version 1.9.3. As a workaround, use the [Ansible VS Code Command Palette](#) to access the features.

## CHAPTER 8. FIXED ISSUES

This section provides information about fixed issues in Ansible Automation Platform 2.5.

### 8.1. ANSIBLE AUTOMATION PLATFORM

- The installer now ensures semanage command is available when SELinux is enabled. (AAP-24396)
- The installer can now update certificates without attempting to start the nginx service for previously installed environments. (AAP-19948)
- Event-Driven Ansible installation now fails when the pre-existing automation controller is older than version 4.4.0. (AAP-18572)
- Event-Driven Ansible can now successfully install on its own with a controller URL when the controller is not in the inventory. (AAP-16483)
- Postgres tasks that create users in FIPS environments now use **scram-sha-256**. (AAP-16456)
- The installer now successfully generates a new **SECRET\_KEY** for controller. (AAP-15513)
- Ensure all backup and restore staged files and directories are cleaned up before running a backup or restore. You must also mark the files for deletion after a backup or restore. (AAP-14986)
- Postgres certificates are now temporarily copied when checking the Postgres version for SSL mode verify-full. (AAP-14732)
- The setup script now warns if the provided log path does not have write permissions, and fails if default path does not have write permissions. (AAP-14135)
- The linger configuration is now correctly set by the root user for the Event-Driven Ansible user. (AAP-13744)
- Subject alternative names for component hosts will now only be checked for signing certificates when HTTPS is enabled. (AAP-7737)
- The UI for creating and editing an organization now validates the **Max hosts** value. This value must be an integer and have a value between 0 and 214748364. (AAP-23270)
- Installations that do not include the automation controller but have an external database will no longer install an unused internal Postgres server. (AAP-29798)
- Added default port values for all **pg\_port** variables in the installer. (AAP-18484)
- **XDG\_RUNTIME\_DIR** is now defined when applying Event-Driven Ansible linger settings for Podman. (AAP-18341)\*
- Fixed an issue where the restore process failed to stop **pulpcore-worker** services on RHEL 9. (AAP-12829)
- Fixed Postgres **sslmode** for verify-full that affected external Postgres and Postgres signed for 127.0.0.1 for internally managed Postgres. (AAP-7107)
- Fixed support for automation hub content signing. (AAP-9739)

- Fixed conditional code statements to align with changes from ansible-core issue #82295. (AAP-19053)
- Resolved an issue where providing the database installation with a custom port broke the installation of Postgres. (AAP-30636)

## 8.2. AUTOMATION HUB

- Automation hub now uses system crypto-policies in nginx. (AAP-17775)

## 8.3. EVENT-DRIVEN ANSIBLE

- Fixed a bug where the Swagger API docs URL returned 404 error with trailing slash. (AAP-27417)
- Fixed a bug where logs contained stack trace errors inappropriately. (AAP-23605)
- Fixed a bug where the API returned error 500 instead of error 400 when a foreign key ID did not exist. (AAP-23105)
- Fix a bug where the Git hash of a project could be empty. (AAP-21641)
- Fixed a bug where an activation could fail at the start time due to authentication errors with Podman. (AAP-21067)
- Fixed a bug where a project could not get imported if it contained a malformed rulebook. (AAP-20868)
- Added **EDA\_CSRF\_TRUSTED\_ORIGINS**, which can be set by user input or defined based on the allowed hostnames provided or determined by the installer as a default. (AAP-19319)
- Redirected all Event-Driven Ansible traffic to **/eda/** following UI changes that require the redirect. (AAP-18989)
- Fixed target database for Event-Driven automation restore from backup. (AAP-17918)
- Fixed the automation controller URL check when installing Event-Driven Ansible without a controller. (AAP-17249)
- Fixed a bug when the membership operator failed in a condition applied to a previously saved event. (AAP-16663)
- Fixed Event-Driven Ansible nginx configuration for custom HTTPS port. (AAP-16000)
- Instead of the target service only, all Event-Driven Ansible services are enabled after installation is completed. The Event-Driven Ansible services will always start after the setup is complete. (AAP-15889)

## 8.4. ANSIBLE AUTOMATION PLATFORM OPERATOR

- Fixed Django REST Framework (DRF) browsable views. (AAP-25508)

## 8.5. ANSIBLE PLUG-INS FOR RED HAT DEVELOPER HUB

The following updates were introduced in Ansible plug-ins for Red Hat Developer Hub 1.2:

- Improvements in error handling and logging for collection and playbook project scaffolder.
- Updates to the **backstage-rhaap-backend** plugin for compatibility with RHDH 1.4.

# CHAPTER 9. ANSIBLE AUTOMATION PLATFORM DOCUMENTATION

Red Hat Ansible Automation Platform 2.5 documentation includes significant feature updates as well as documentation enhancements and offers an improved user experience.

The following are documentation enhancements in Ansible Automation Platform 2.5:

- The *Setting up an automation controller token* chapter that previously existed has been deprecated and replaced with the [Setting up a Red Hat Ansible Automation Platform credential](#) topic. As the Event-Driven Ansible controller is now integrated with centralized authentication and the Platform UI, this method simplifies the authentication process required for rulebook activations moving forward.
- Documentation changes for 2.5 reflect terminology and product changes. Additionally, we have consolidated content into fewer documents.

The following table summarizes title changes for the 2.5 release.

Version 2.4 document title	Version 2.5 document title
Red Hat Ansible Automation Platform release notes	Release notes
NA	New: Using automation analytics
Red Hat Ansible Automation Platform planning guide	Planning your installation
Containerized Ansible Automation Platform installation guide (Technology Preview release)	Containerized installation (First Generally Available release)
Deploying the Ansible Automation Platform operator on OpenShift Container Platform	Installing on OpenShift Container Platform
<ul style="list-style-type: none"> <li>• Getting started with automation controller</li> <li>• Getting started with automation hub</li> <li>• Getting started with Event-Driven Ansible</li> </ul>	New: Getting started with Ansible Automation Platform
Installing and configuring central authentication for the Ansible Automation Platform	Access management and authentication
Getting started with Ansible playbooks	Getting started with Ansible playbooks
Ansible Automation Platform operations guide	Operating Ansible Automation Platform
Ansible Automation Platform automation mesh for operator-based installation	Automation mesh for managed cloud or operator environments

Version 2.4 document title	Version 2.5 document title
Ansible Automation Platform automation mesh for VM-based installation	Automation mesh for VM environments
Performance considerations for operator-based installation	Performance considerations for operator environments
Ansible Automation Platform operator backup and recovery guide	Backup and recovery for operator environments
Troubleshooting Ansible Automation Platform	Troubleshooting Ansible Automation Platform
Ansible Automation Platform hardening guide	Not available for 2.5 release; to be published at a later date
automation controller user guide	Using automation execution
automation controller administration guide	Configuring automation execution
automation controller API overview	Automation execution API overview
automation controller API reference	Automation execution API reference
automation controller CLI reference	Automation execution CLI reference
Event-Driven Ansible user guide	Using automation decisions
Managing content in automation hub	<ul style="list-style-type: none"> <li>- Managing automation content</li> <li>- Automation content API reference</li> </ul>
Ansible security automation guide	Ansible security automation guide
<ul style="list-style-type: none"> <li>● Using the automation calculator</li> <li>● Viewing reports about your Ansible automation environment</li> <li>● Evaluating your automation controller job runs using the job explorer</li> <li>● Planning your automation jobs using the automation savings planner</li> </ul>	Using automation analytics
Ansible Automation Platform creator guide	Developing automation content
Automation content navigator creator guide	Using content navigator

Version 2.4 document title	Version 2.5 document title
Creating and consuming execution environments	Creating and using execution environments
Installing Ansible plug-ins for Red Hat Developer Hub	Installing Ansible plug-ins for Red Hat Developer Hub
Using Ansible plug-ins for Red Hat Developer Hub	Using Ansible plug-ins for Red Hat Developer Hub

## CHAPTER 10. PATCH RELEASES

Security, bug fixes, and enhancements for Ansible Automation Platform 2.5 are released as asynchronous erratas. All Ansible Automation Platform erratas are available on the [Download Red Hat Ansible Automation Platform](#) page.

As a Red Hat Customer Portal user, you can enable errata notifications in the account settings for Red Hat Subscription Management (RHSMS). When errata notifications are enabled, you receive notifications through email whenever new erratas relevant to your registered systems are released.



### NOTE

Red Hat Customer Portal user accounts must have systems registered and consuming Ansible Automation Platform entitlements for Ansible Automation Platform errata notification emails to generate.

The patch releases section of the release notes will be updated over time to give notes on enhancements and bug fixes for patch releases of Ansible Automation Platform 2.5.

### Additional resources

- For more information about asynchronous errata support in Ansible Automation Platform, see [Red Hat Ansible Automation Platform Life Cycle](#) .
- For information about Common Vulnerabilities and Exposures (CVEs), see [What is a CVE?](#) and [Red Hat CVE Database](#) .

### 10.1. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 6, 2026

This release includes the following components and versions:

Release Date	Component versions
January 6, 2026	<ul style="list-style-type: none"> <li>• Automation controller 4.6.23</li> <li>• Automation hub 4.10.10</li> <li>• Event-Driven Ansible 1.1.14</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-21.1</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-21</li> <li>• Receptor 1.6.2</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-20.1</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-20</li> </ul>

CSV Versions in this release:

- Namespace aap-operator.v2.5.0-0.1767608979

- Cluster: aap-operator.v2.5.0-0.1767609003

### 10.1.1. CVE

With this update, the following CVEs have been addressed:

- [CVE-2025-68664](#) **ansible-automation-platform-25/lightspeed-chatbot-rhel8: LangChain:** Arbitrary code execution via serialization injection.(AAP-61273)
- [CVE-2025-68664](#) **ansible-automation-platform-25/lightspeed-rhel8: LangChain:** Arbitrary code execution via serialization injection.(AAP-61274)
- [CVE-2025-14025](#) **automation-gateway: aap-gateway:** Read-only Personal Access Token (PAT) bypasses write restrictions.(AAP-61732)

## 10.2. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE DECEMBER 10, 2025

This release includes the following components and versions:

Release Date	Component versions
December 10, 2025	<ul style="list-style-type: none"> <li>• Automation controller 4.6.23</li> <li>• Automation hub 4.10.10</li> <li>• Event-Driven Ansible 1.1.14</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-21</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-21</li> <li>• Receptor 1.6.2</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-20</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-20</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1764945388
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1764945371

### 10.2.1. General

- Red Hat Enterprise Linux minimum version for the RPM installer has been updated to 8.10 and 9.4.(AAP-56386)

- Red Hat Enterprise Linux minimum version for the Containerized installer has been updated to 9.4.(AAP-56386)
- Updated **nginx** to 1.24.(AAP-56205)

## 10.2.2. CVE

With this update, the following CVEs have been addressed:

- [CVE-2025-58754 automation-gateway](#): Axios DoS via lack of data size check.(AAP-53717)
- [CVE-2025-9909](#) 1: Improper path validation in gateway allows credential exfiltration.(AAP-53585)
- [CVE-2025-9908 event-driven-ansible](#): sensitive internal headers disclosure in Ansible Automation Platform Event-Driven Ansible event streams.(AAP-53583)
- [CVE-2025-9907 event-driven-ansible](#): event stream test mode exposes sensitive headers in Ansible Automation Platform Event-Driven Ansible.(AAP-53581)
- [CVE-2025-59530 receptor: quic-go](#) crash due to premature HANDSHAKE\_DONE frame. (AAP-58581)
- [CVE-2025-64459 ansible-automation-platform-25/gateway-rhel9](#): Django SQL injection. (AAP-59195)
- [CVE-2025-64459 automation-controller](#): Django SQL injection.(AAP-58081)
- [CVE-2025-64459 ansible-automation-platform-25/lightspeed-rhel8](#): Django SQL injection. (AAP-58068)
- [CVE-2025-62727 ansible-automation-platform-25/lightspeed-chatbot-rhel8](#): Starlette DoS via range header merging.(AAP-56986)
- [CVE-2025-62707 ansible-chatbot-service](#): **pypdf** affected by possible infinite loop when reading DCT inline images without EOF marker.(AAP-56627)
- [CVE-2025-62707 ansible-automation-platform-25/lightspeed-chatbot-rhel8](#): **pypdf** affected by possible infinite loop when reading DCT inline images without EOF marker.(AAP-56617)

## 10.2.3. Ansible Automation Platform

### 10.2.3.1. Bug Fixes

- Fixed an issue where the user could type the name of the playbook when creating a job template, to support playbooks that may exist in a branch of a project with branch override. (AAP-52566)
- Fixes using and condition with multiple attributes. Where previously the authentication map would skip the missing attributes, with this fix the map will be applied only if all attributes are present and the condition(s) are met.(AAP-53523)
- Fixes issue where subscription entitlement window displays again after Ansible Automation Platform had been entitled when running in a load-balanced environment with multiple controller web pods.(AAP-51618)

- Fixed an issue where the job template did not remain editable after the associated project was deleted.(AAP-58474)

## 10.2.4. Ansible Automation Platform Operator

### 10.2.4.1. Bug Fixes

- Fixed an issue with the object storage secrets not being included in the automation hub backup. (AAP-59611)
- Fixed a failure condition when using the **AnsibleWorkflow** CR in Ansible Automation Platform 2.6.(AAP-59107)

## 10.2.5. Automation controller

### 10.2.5.1. Features

- Updated the pinned version for receptorctl in controller. This addresses edge cases that could cause JSON to fail to parse a line from the worker stream.(AAP-58415)

#### Error message

```
Error: Expecting value: line 1 column 1 (char 0) Line with invalid JSON data: b
```

### 10.2.5.2. Bug Fixes

- Fixed an issue where the system would display reminders on unsupported architectures, causing confusion.(AAP-56221)
- Fixed an issue where jobs failed on **fapolicyd** enabled systems where Python 3.9 was not installed by default. Updates **automation-controller-fapolicyd** from Python 3.9 to Python 3.11 to address this issue.(AAP-58479)
- Fixed an issue where there was a Redis broken pipe error in the long-running jobs component: API.(AAP-59727)
- Fixed a GitHub application installation access token lookup where it would not accept lv2 Client IDs.(AAP-58882)
- Fixed an issue where the project update and project deletions failed with no output.(AAP-58532)

## 10.2.6. Automation hub

### 10.2.6.1. Bug Fixes

- Fixed an issue where the autocomplete setting was missing from the Django Rest API page. (AAP-59912)

## 10.2.7. Container-based Ansible Automation Platform

### 10.2.7.1. Bug Fixes

- Fixed an issue where the **EVENT\_STREAM\_MTLS\_BASE\_URL** from Event-Driven Ansible settings file duplicated entries when the **eda\_extra\_settings** variable was used.(AAP-57587)
- Fixed an issue with **Podman** 5.6 compatibility with automation controller container configuration.(AAP-58546)

## 10.2.8. RPM-based Ansible Automation Platform

### 10.2.8.1. Bug Fixes

- Fixed an issue where the installer failed during an execution environment image upload when there was no automation hub node in inventory.(AAP-57122)

## 10.2.9. Event-Driven Ansible

### 10.2.9.1. Features

- Added a credential type for mTLS event stream.(AAP-55786)

### 10.2.9.2. Bug Fixes

- Fixed an issue where installing a software package on an unsupported architecture led to disruptions.(AAP-56184)
- Fixed an issue where **redis\_tls** did not support boolean values such as yes/no.(AAP-52828)

## 10.2.10. Receptor

### 10.2.10.1. Features

- Addresses edge cases that could cause JSON to fail to parse a line from the worker stream. Also raises the versions of go dependencies and other minor functionality changes.(AAP-57253)

## 10.3. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 22, 2025

This release includes the following components and versions:

Release Date	Component versions
--------------	--------------------

Release Date	Component versions
October 22, 2025	<ul style="list-style-type: none"> <li>Automation controller 4.6.21</li> <li>Automation hub 4.10.9</li> <li>Event-Driven Ansible 1.1.13</li> <li>Container-based installer Ansible Automation Platform (bundle) 2.5-20</li> <li>Container-based installer Ansible Automation Platform (online) 2.5-20</li> <li>Receptor 1.6.0</li> <li>RPM-based installer Ansible Automation Platform (bundle) 2.5-19</li> <li>RPM-based installer Ansible Automation Platform (online) 2.5-19</li> </ul>

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1761050204
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1761050855

### 10.3.1. General

The **ansible.controller** collection has been updated to 4.6.21.(AAP-56035)

### 10.3.2. CVE

With this update, the following CVEs have been addressed:

[CVE-2025-59682](#) **python-django**: Potential partial directory-traversal via **archive.extract()**.(AAP-54753)

[CVE-2025-59343](#) **automation-gateway**: **tar-fs** symlink validation bypass.(AAP-54393)

[CVE-2025-7647](#) **ansible-automation-platform-25/lightspeed-chatbot-rhel8**: insecure temporary file handling in **run-llama/llama\_index**.(AAP-55890)

[CVE-2025-6985](#) **ansible-automation-platform-25/lightspeed-rhel8**: XXE vulnerability in **langchain-text-splitters**.(AAP-55257)

[CVE-2025-59682](#) **ansible-automation-platform-25/lightspeed-rhel8**: Potential partial directory-traversal via **archive.extract()**.(AAP-54720)

[CVE-2025-59681](#) **ansible-automation-platform-25/lightspeed-rhel8**: Potential SQL injection in **QuerySet.annotate()**, **alias()**, **aggregate()**, and **extra()** on MySQL and MariaDB1.(AAP-54661)

### 10.3.3. Deprecated

### 10.3.4. Ansible Automation Platform

- Subscription credentials can no longer be viewed or edited from the system settings page. (AAP-55014)

### 10.3.5. New Features

#### 10.3.5.1. Ansible Automation Platform

- Added a step in the subscription wizard that allows the user to configure automation analytics. (AAP-55094)
- Added two new toggle options on the subscription wizard to allow for fetching subscriptions using basic authentication.(AAP-47865)

### 10.3.6. Enhancements

#### 10.3.6.1. Ansible Automation Platform

- Azure AD authentication now searches more fields to find the username override field specified. If not found, it will log a warning message indicating which fields are valid.(AAP-53789)

#### 10.3.6.2. Automation controller

- Added support for **Red Hat** username and password for the subscription management API. (AAP-54976)

#### 10.3.6.3. Container-based Ansible Automation Platform

- Implemented preflight ansible-core version validation.(AAP-54931)

### 10.3.7. Bug fixes

#### 10.3.7.1. Ansible Automation Platform

- Fixed an issue where the UI triggered expensive queries on list endpoints that could be avoided. Query performance is now optimized on the Jobs list page and for loading user administrative data during login.(AAP-54299)
- Fixed an issue where the settings displayed **Red Hat** inconsistently in the API and UI.(AAP-54277)
- Fixed an issue where Ansible Automation Platform 2.5 could not set or create a playbook when using branch override.(AAP-52566)
- Fixed an issue where the platform gateway did not use TLSv1.3 when communicating with other Ansible Automation Platform services.(AAP-49456)
- Fixed an issue where empty strings displayed in the extra variables field on the **Jobs > Details** page.(AAP-49448)
- Fixed an issue where the validation of prompt-on-launch credentials in a workflow job template did not handle updated credentials in the wizard.(AAP-40540)

- Fixed an issue where the error handling in the authenticator form did not match other forms in the platform UI. API errors for specific fields are now correctly mapped to the form fields in the UI.(AAP-22928)
- Fixed an issue where the platform auditors were not able to see automation execution and platform level settings.(AAP-53975)
- Fixed an issue where some fields were missing the **autocomplete = new-password** setting. (AAP-53934)

#### 10.3.7.2. Ansible Automation Platform Operator

- Fixed an issue where the Red Hat Ansible Lightspeed API failed during Ansible Automation Platform idle.(AAP-54175)
- Fixed an issue that caused a failure to gather the job data from the automation controller API. (AAP-55635)
- Fixed an issue where the user could not set an image without the respective version, causing the installation to enter an error loop.(AAP-55927)
- Fixed an issue where backup and restore of an Ansible Automation Platform instance failed, restoring an upgraded Ansible Automation Platform environment from 2.4.(AAP-55649)

#### 10.3.7.3. Automation controller

- Fixed an issue where the platform auditor did not have access to automation controller settings. (AAP-55607)
- Fixed an issue where the **system\_administrator** role creation race condition, which happened on new Openshift deployments, resulted in the default instance group not being created.(AAP-54964)
- Fixed an issue where Grafana notifications could not have an empty dashboard ID or panel ID. (AAP-54654)
- Fixed an issue where the **awx.awx.license** appears to succeed when given an invalid **pool / subscription**.(AAP-54650)
- Fixed an issue where the platform auditor was unable to view the controller settings.(AAP-53345)
- Fixed an issue where there were missing instructions to set an environment variable in the CLI. (AAP-37812)
- Fixed an issue for comments in extra vars sections where they were not persistent. All comments in YAML now persist on create and edit operations for a resource.(AAP-37071)
- Fixed an issue where the controller metrics API was not accessible by the user with platform auditor role.(AAP-36492)
- Fixed an issue where there was a duplicate value for subsystem\_metrics\_pipe\_execute\_seconds detected under `api/controller/v2/metrics/` on Ansible Automation Platform 2.5.(AAP-55621)
- Fixed and issue where the **ansible.platform** collection did not work with the default Red Hat Ansible Automation Platform credential type.(AAP-55685)

- Fixed an issue where re-running the installer with a modified inventory hostname resulted in a traceback when the metrics were collected.(AAP-55638)

#### 10.3.7.4. Automation hub

- Fixed an issue where `/api/galaxy/_ui/v2/users/3/` user detail displayed the data incorrectly. (AAP-54261)
- Fixed an issue where an http 500 Error was returned when getting `/api/galaxy/_ui/v2/users/3/`. (AAP-55957)

#### 10.3.7.5. Container-based Ansible Automation Platform

- Fixed an issue where **REDHAT\_CANDLEPIN\_VERIFY** CA permission was not set so that the controller could make requests to `subscription.rhsm.redhat.com`.(AAP-55181)
- Fixed an issue where Ansible would fail to gather the system's UUID for Linux on Power.(AAP-54540)

#### 10.3.7.6. RPM-based Ansible Automation Platform

- Fixed an issue where setting **automationgateway\_disable\_https=false** resulted in install failure.(AAP-55475)
- Fixed an issue where **RESOURCE\_KEY SECRET\_KEY** was not updated when restoring from a different environment.(AAP-54944)
- Fixed an issue where Event-Driven Ansible DE credentials failed to populate on initial installation.(AAP-54520)
- Fixed an issue where the automation gateway **envoy.log** did not receive logs after it was rotated.(AAP-54079)
- Fixed an issue where **REDHAT\_CANDLEPIN\_VERIFY** CA permission was not set so that the controller could make requests to `subscription.rhsm.redhat.com`.(AAP-55184)

#### 10.3.8. Receptor

- Fixed issues where the previous version of receptor had stability issues on long-running jobs, with clusters under heavy load, and with network inconsistencies.(AAP-53742)

### 10.4. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE SEPTEMBER 23, 2025

This release includes the following components and versions:

Release date	Component versions
--------------	--------------------

Release date	Component versions
September 23, 2025	<ul style="list-style-type: none"> <li>Automation controller 4.6.20</li> <li>Automation hub 4.10.8</li> <li>Event-Driven Ansible 1.1.13</li> <li>Container-based installer Ansible Automation Platform (bundle) 2.5-19</li> <li>Container-based installer Ansible Automation Platform (online) 2.5-19</li> <li>Receptor 1.5.7</li> <li>RPM-based installer Ansible Automation Platform (bundle) 2.5-18</li> <li>RPM-based installer Ansible Automation Platform (online) 2.5-18</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1758147230
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1758147817

#### 10.4.1. General

- The **ansible.controller** collection has been updated to 4.6.20. (AAP-53797)
- The **ansible.eda** collection has been updated to 2.10.0. (AAP-53550)

#### 10.4.2. CVE

With this update, the following CVEs have been addressed:

- [CVE-2025-5302](#) **ansible-automation-platform-25/lightspeed-chatbot-rhel8**: Denial of Service (DOS) in JSONReader in run-llama and llama\_index. (AAP-52177)
- [CVE-2025-6984](#) **ansible-automation-platform-25/lightspeed-chatbot-rhel8**: Langchain-community insecure XML parsing. (AAP-52808)
- [CVE-2025-48432](#) **automation-controller**: Django Path Injection Vulnerability. (AAP-51443)
- [CVE-2025-57833](#) **ansible-automation-platform-25/lightspeed-rhel8**: Django SQL injection in FilteredRelation column aliases. (AAP-52622)
- [CVE-2025-57833](#) **automation-controller**: Django SQL injection in FilteredRelation column aliases. (AAP-53036)
- [CVE-2025-57833](#) **python3.11-django**: Django SQL injection in FilteredRelation column aliases. (AAP-53034)

#### 10.4.3. Ansible Automation Platform

### 10.4.3.1. Enhancements

- **X-Forwarded-For** and **Real-Ip** headers are now included in the NGINX logs. (AAP-52562)

### 10.4.3.2. Bug fixes

- Fixed an issue where if the gRPC server could not connect to the database it would return a 403 HTTP status to envoy. This has been changed to return an error message of 503. (AAP-51931)
- Fixed an issue with the help text for the setting **ALLOW\_OAUTH2\_FOR\_EXTERNAL\_USERS**. (AAP-51886)
- Fixed an incorrectly formatted error message in the SAML authenticator when passing invalid security settings. The error will now properly show the invalid fields and will also indicate what valid field values are. (AAP-51705)
- Fixed an issue where authentication mapping for teams did not work if **join\_condition: and** was used with attributes. (AAP-51639)
- Fixed an issue with authenticator maps not properly evaluating the attribute in conditions. (AAP-51638)
- Fixed an issue where platform gateway did not generate the necessary metadata for the UI to render **Settings > Platform Gateway** when the accessing user is an auditor rather than an administrator. (AAP-53279)
- Fixed an issue where multi-select dialogs only showed a subset of users, and users were unable to scroll or advance to the next page. (AAP-52209)
- Fixed an issue where the SAML based authenticators did not collect the group data even if the field had the attribute specified. (AAP-51503)
- The **View Logs** link now matches the automation controller API being used. (AAP-52674)
- PostgreSQL directory creation now works when TLS is disabled. (AAP-52569)
- Fixed a path issue for **custom\_ca\_cert** when checking PostgreSQL connection and version during preflight. (AAP-53213)
- Fixed the restore and implemented migration functionality for the automation controller resource secret key value. (AAP-53535)
- Improved platform gateway control plane authorization performance to reduce sporadic request errors. (AAP-53468)
- Disabled IPv6 binding on PostgreSQL and Redis services when IPv6 is disabled on the host. (AAP-53546)

### 10.4.4. Ansible Automation Platform Operator

### 10.4.5. Bug fixes

- Fixed an issue where the deployment was failing with "dict object has no attribute version". (AAP-46528)

- Fixed an issue where the Redis timeout configuration was overwritten by the Ansible Automation Platform Operator on reconciliation. The timeout for Redis connections has been added to the configuration and hard-coded to 300 seconds. (AAP-53309)
- The automation hub web init container now uses resource limits when enabled. (AAP-52934)
- Fixed a **pulp\_ansible** compatibility issue that was preventing the **hub-api** pod from running migrations in the new container when upgrading to the latest 2.5 operator version. (AAP-49016)

## 10.4.6. Automation controller

### 10.4.6.1. Bug Fixes

- Fixed an issue where the galaxy credentials could not be created and edited without the need to specify an organization. (AAP-52197)
- Fixed an issue where the job template creation failed using **ansible.controller.job\_template** when multiple inventories shared the same name across different organizations. (AAP-51311)
- Fixed an issue that did not allow a user to save **Schedule for Workflow** job template when **Limit has Prompt on Launch** was enabled. (AAP-49794)
- The export command now works through the automation controller collection or with **awxkit** when the correct environment variable is provided. (AAP-49452)
- Fixed an issue where there were double escaped quotes in **api/v2/jobs/{id}/stdout?format=txt**. (AAP-49077)
- Fixed an issue where the fact storage was not working when automation controller's time zone was not UTC. (AAP-45933)
- Fixed a bug where exports did not work on deployments using the platform gateway. The export module in the collection now honors the **CONTROLLER\_OPTIONAL\_API\_URLPATTERN\_PREFIX** environment variable. (AAP-39265)

## 10.4.7. Automation hub

### 10.4.7.1. Enhancements

- Added the **GALAXY\_API\_SPEC\_REQUIRE\_AUTHENTICATION** setting to automation hub (defaults to false). This setting restricts access to the **OpenAPI** specification to authenticated users only. This prevents exposing the **OpenAPI** spec and any unnecessary information. (AAP-53578)

## 10.4.8. Container-based Ansible Automation Platform

### 10.4.8.1. Bug Fixes

- Fixed an issue where the **create\_initial\_data** command did not work during backup and restore onto different clusters for Event-Driven Ansible. (AAP-53382)
- Fixed an issue where scheduled tasks failed in private automation hub when using quotes in the task name. (AAP-53307)

- Uploading Ansible collections to private automation hub is no longer limited by the API pagination. (AAP-53526)

## 10.4.9. Event-Driven Ansible

### 10.4.9.1. Bug Fixes

- Fixed an issue with Event-Driven Ansible restores where database credentials were not updated for the event stream. (AAP-53529)

## 10.4.10. RPM-based Ansible Automation Platform

### 10.4.10.1. Bug Fixes

- Fixed an issue where backup was failing when the deployment had more than one Event-Driven Ansible node without **eda\_node\_type** defined. (AAP-52892)
- Fixed a typographical error in the automation controller group name that led to restore failures. (AAP-52078) Fixed an issue where platform gateway **uwsgi** processes were not configurable in the Ansible Automation Platform 2.5 RPM installer. (AAP-50390)
- Fixed an issue where **redis\_mode=standalone** and the Redis group were defined at the same time. (AAP-53560)
- Fixed an issue where the Redis node list could not be created on Event-Driven Ansible or platform gateway nodes which were not part of the Redis group. (AAP-53528)
- Removed the **pulpcore-manager** sudo requirement. (AAP-52288)

## 10.5. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE AUGUST 27, 2025

This release includes the following components and versions:

Release date	Component versions
August 27, 2025	<ul style="list-style-type: none"> <li>Automation controller 4.6.19</li> <li>Automation hub 4.10.7</li> <li>Event-Driven Ansible 1.1.13</li> <li>Container-based installer Ansible Automation Platform (bundle) 2.5-18</li> <li>Container-based installer Ansible Automation Platform (online) 2.5-18</li> <li>Receptor 1.5.7</li> <li>RPM-based installer Ansible Automation Platform (bundle) 2.5-17</li> <li>RPM-based installer Ansible Automation Platform (online) 2.5-17</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1755835086
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1755835623

### 10.5.1. General

- The **ansible.controller** collection has been updated to 4.6.19.(AAP-51863)
- The **ansible.eda** collection has been updated to 2.9.0.(AAP-51859)

### 10.5.2. CVE

With this update, the following CVEs have been addressed:

- [CVE-2025-48432 python3.11-django](#): Django Path Injection Vulnerability.(AAP-50994)
- [CVE-2025-47273 automation-controller](#): Path Traversal Vulnerability in setuptools **PackageIndex**.(AAP-47384)

### 10.5.3. Ansible Automation Platform

#### 10.5.3.1. Features

- Added a new field on **Azure AD** authenticator called **Field to use as username** which allows you to use an arbitrary field from the assertion as the username in Ansible Automation Platform. (AAP-49481)

#### 10.5.3.2. Enhancements

- Enhanced Support for Streaming Chat Responses in Ansible Automation Platform. New settings added:
  - **stream\_idle\_timeout**: Controls timeout for idle streaming connections.
  - **max\_stream\_duration**: Sets maximum duration for streaming connections. (AAP-51756)
- Allow for HTTP headers to be passed through **envoy** when https is offloaded by another device in front of **envoy**. This introduces two new settings:
  - **SECURE\_PROXY\_SSL\_HEADER** indicating which headers should be allowed through. The defaults are **HTTP\_X\_FORWARDED\_PROTO, https**.
  - **XDS\_XFF\_NUM\_TRUSTED\_HOPS** which says how many entries in the headers should be trusted. The default is 0 if there is only one device in front of **envoy**. Set to 1 if there are more, or increase as needed. These settings can only be changed in the **/etc/ansible-automation-platform/gateway/settings.py** file. (AAP-51347)

#### 10.5.3.3. Bug fixes

- Fixed an issue where the **OpenAPI** spec did not reflect all query parameters available.(AAP-49824)
- Fixed an issue where the **LOGIN\_REDIRECT\_OVERRIDE** was not being respected.(AAP-49726)
- Fixed an issue where the breadcrumb in a launch template sent users to the wrong URL.(AAP-44194)
- Fixed an issue where legacy users were not properly migrated to platform gateway in some scenarios that were previously leaving the users in a partly migrated state.(AAP-43251)
- Fixed an issue where the LDAP filter splitter/validator did not handle some valid filters.(AAP-51591)
- Fixed an issue that removes the **required** label from the organization field for galaxy credentials in automation controller credential create and edit forms.(AAP-51587)
- Fixed an issue where subscription entitlement window displayed again after Ansible Automation Platform had been entitled when running in a load-balanced environment with multiple controller web pods.(AAP-43883)
- Fixed an issue that did not allow all users to see the notifiers tab.(AAP-41342)
- Fixed an issue where there was no limit field on the job details page.(AAP-36118)

#### 10.5.4. Ansible Automation Platform Operator

#### 10.5.5. Bug fixes

- Fixed an issue in the **PostgreSQL** password encryption when upgrading from PG13 to PG15 on FIPS.(AAP-50443)
- Fixed an issue where requests time out at client or proxy, but work continues long past the timeout.(AAP-50311)
- Fixed an issue to align **NGINX** and web server timeouts to avoid issues where requests time out but work continues on already timed out requests.(AAP-50310)
- Fixed an issue to align **envoy**, **NGINX**, web server, and **jwt** token timeouts to avoid issues where requests time out but work continues or tokens expire before they are used.(AAP-50309)
- Fixed an issue to align web server timeouts to avoid issues where requests time out at client or proxy, but work continues long past the timeout.(AAP-50308)
- Fixed backup and restores for deployments with external databases and refactored the tasks for managed database restores to be a separate code path.(AAP-50299)
- Fixed an issue where the platform gateway operator **client\_request\_timeout** was not the same as **haproxy** timeout in OpenShift Container Platform.(AAP-51749)

#### 10.5.6. Automation controller

##### 10.5.6.1. Bug Fixes

- Fixed regression in **ansible.controller** collection where the argument **controller\_oauthtoken** was wrongfully removed.
  - Fixed newly added **aap\_token** to function the same as **controller\_oauthtoken**.
  - Fixed the **ansible.controller.controller\_api** lookup plugin. (AAP-51289)
- Fixed an issue where the Ansible Galaxy credentials could not be created and edited without specifying an organization.(AAP-51614)
- Fixed an issue where the subscription is attached before subscription credentials have been set, returned a **400 Bad Request**(AAP-50322)

## 10.5.7. Container-based Ansible Automation Platform

### 10.5.7.1. Enhancements

- Implemented **PostgreSQL** extra settings parameter on the installer.(AAP-51533)

### 10.5.7.2. Bug Fixes

- Fixed an issue where the **PostgreSQL** version failed during preflight with a customer provided CA certificate.(AAP-50884)
- Fixed **pcp** data permissions by migrating the data to a **Podman** volume instead of a bind mount. (AAP-50807)
- Fixed an issue where the backup script incorrectly Included **.snapshot** directories in the automation hub backup.(AAP-50784)
- Fixed a bug where the **Redis** hostname fails to be set in a disconnected environment.(AAP-51532)
- Fixed an issue where there was no exclusion parameter for containerized backup, that allowed users to specify snapshot paths to be excluded from the backup process.(AAP-46767)

## 10.5.8. Event-Driven Ansible

### 10.5.8.1. Bug Fixes

- Fixed an issue where **MQ\_TLS** did not accept a boolean value.(AAP-51012)
- Fixed an issue where project import state may become stuck at pending or running.(AAP-51643)
- Fixed an issue where **%20** is not permitted in project git URL.(AAP-51642)
- Fix an issue where a user who belongs to a team with an Event-Driven Ansible organization project admin role could not see the organization.(AAP-50921)

## 10.5.9. RPM-based Ansible Automation Platform

### 10.5.9.1. Enhancements

- Added **postgres\_extra\_settings** for **postgresql.conf** customization for managed database installations.(AAP-51462)

### 10.5.9.2. Bug Fixes

- Fixed an issue where automation controller nodes set to a deprovision state were not removed from the platform gateway registry.(AAP-51461)
- Fixed an issue where the missing RPM dependency for **PostgreSQL** client which resulted in container images missing **psql** binary.(AAP-50941)
- Fixed an issue where disabling **https** for platform gateway and/or platform gateway proxy (**envoy**) caused installation failures.(AAP-48606)

## 10.6. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JULY 30, 2025

This release includes the following components and versions:

Release date	Component versions
July 30, 2025	<ul style="list-style-type: none"> <li>Automation controller 4.6.18</li> <li>Automation hub 4.10.6</li> <li>Event-Driven Ansible 1.1.11</li> <li>Container-based installer Ansible Automation Platform (bundle) 2.5-17</li> <li>Container-based installer Ansible Automation Platform (online) 2.5-17</li> <li>Receptor 1.5.7</li> <li>RPM-based installer Ansible Automation Platform (bundle) 2.5-16</li> <li>RPM-based installer Ansible Automation Platform (online) 2.5-16</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1753402603
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1753403065

### 10.6.1. General

- The **redhat.rhel\_system\_roles** collection has been updated to 1.95.7.(AAP-49916)
- The **ansible.windows** collection has been updated to 2.8.0.(AAP-49923)
- The **ansible.eda** collection has been updated to 2.8.2.(AAP-49997)

## 10.6.2. CVE

With this update, the following CVEs have been addressed:

- [CVE-2025-7738 python3.11-django-ansible-base](#): Hide plain text OAuth2 secrets on GitHub Enterprise and GitHub Enterprise organization authenticator configuration views in platform-gateway.(AAP-49561)
- [CVE-2025-2099 ansible-automation-platform-25/lightspeed-chatbot-rhel8](#): Regular Expression Denial of Service (ReDoS) in uggingsface/transformers.(AAP-48621)
- [CVE-2025-5988 automation-gateway](#): CSRF origin checking is enabled.(AAP-50374)

## 10.6.3. Ansible Automation Platform

### 10.6.3.1. Features

- **PosixUIDGroupType** can be selected for LDAP Group Type.(AAP-49347)

### 10.6.3.2. Enhancements

- Optimized the handling of web socket messages from the Workflow Visualizer.(AAP-46800)

### 10.6.3.3. Bug fixes

- Fixed the fields **content\_type** for role user assignments to indicate that null values are valid responses from the API.(AAP-49494)
- Fixed the fields **team\_ansible\_id** for role team assignments to indicate that null values can be POSTed to the API.(AAP-49812)
- Fixed an issue where **auto-complete** was not disabled on all forms for sensitive information such as usernames, passwords, secret keys, etc.(AAP-49079)
- Fixed an issue related to workflow job template limits overriding workflow job template node limits upon save.(AAP-48946)
- Fixed the **Min** and **Max** Limit values displayed on the **Edit Survey** form.(AAP-39933)
- Fixed an issue where the case insensitivity for authentication map user attribute names and values and for group names was not available. Feature flag **FEATURE\_CASE\_INSENSITIVE\_AUTH\_MAPS** must be set to true to enable case insensitive comparisons.(AAP-49327)
- Fixed an issue that adds an OIDC Callback URL field that, after creation of authenticator, displays the URL to use in setting up the IdP. The URL field is displayed on the creation page and this field is to be left blank.(AAP-49874)

## 10.6.4. Automation controller

### 10.6.4.1. Enhancements

- Update the injectors for the Ansible Automation Platform credential type to work across collection.(AAP-47877)

### 10.6.4.2. Bug Fixes

- Removed API version from hard-coded URL in inventory plugin.(AAP-48443)
- Fixed a **404** error for workflow nodes.(AAP-47362)
- Fixed an issue where the automation controller pod was not working after an upgrade to **aap-operator.v2.5.0-0.1750901870**.(AAP-48771)

## 10.6.5. Container-based Ansible Automation Platform

### 10.6.5.1. Enhancements

- Added an exclusion parameter for Container-based Ansible Automation Platform Backup, allowing users to specify snapshot paths to be excluded from the backup process.(AAP-50114)

### 10.6.5.2. Bug Fixes

- Fixed the issue where execution instances removed from the inventory would still be visible on the Topology View.(AAP-48615)
- Fixed a bug when restoring automation hub to a new cluster when using NFS for the hub data filesystem.(AAP-48568)
- Fixed permission issues when restoring automation hub when using NFS storage.(AAP-50118)

## 10.6.6. RPM-based Ansible Automation Platform

### 10.6.6.1. Bug Fixes

- Event-Driven Ansible node type is now properly checked during restore.(AAP-49004)
- Fixed an issue where **gRPC** server port was not configured properly when non-default value was used.(AAP-48543)
- Fixed an issue where the firewall role logic improperly restricted Event-Driven Ansible event stream ports. Firewall ports are now restricted to event hosts, enhancing network security for Event-Driven Ansible users.(AAP-49792)
- Fixed an issue where the gunicorn timeout to Event-Driven Ansible API service unit was not passed.(AAP-49858)
- Fixed an issue where envoy, nginx, web server, and jwt token timeouts were not aligned, and caused issues where requests time out but work continues, or tokens expire before they are used.(AAP-49153)

## 10.7. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JULY 2, 2025

This release includes the following components and versions:

Release date	Component versions
July 2, 2025	<ul style="list-style-type: none"> <li>Automation controller 4.6.16</li> <li>Automation hub 4.10.5</li> <li>Event-Driven Ansible 1.1.11</li> <li>Container-based installer Ansible Automation Platform (bundle) 2.5-16</li> <li>Container-based installer Ansible Automation Platform (online) 2.5-16</li> <li>Receptor 1.5.7</li> <li>RPM-based installer Ansible Automation Platform (bundle) 2.5-15</li> <li>RPM-based installer Ansible Automation Platform (online) 2.5-15</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1750901111
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1750901870

### 10.7.1. General

- Allows running **ansible.platform** collection modules in **check\_mode**.(AAP-45246)
- The **ansible.eda** collection has been updated to 2.8.1.(AAP-48324)
- The **ansible.platform** collection has been updated to 2.5.20250702.(AAP-48344)
- The **ansible.controller** collection has been updated to 4.6.16.(AAP-48347)

### 10.7.2. CVE

With this update, the following CVEs have been addressed:

- CVE-2025-22871 receptor:** Request smuggling due to acceptance of invalid chunked data in net/http.(AAP-45132)
- CVE-2025-22871 automation-gateway-proxy-openssl32:** Request smuggling due to acceptance of invalid chunked data in net/http.(AAP-45130)
- CVE-2025-22871 automation-gateway-proxy-openssl30:** Request smuggling due to acceptance of invalid chunked data in net/http.(AAP-45129)
- CVE-2025-22871 automation-gateway-proxy:** Request smuggling due to acceptance of invalid chunked data in net/http.(AAP-45128)

### 10.7.3. Ansible Automation Platform

### 10.7.3.1. Enhancements

- Refactored **V1RootView.get()** and improve reverse lookup logic.(AAP-47366)
- Refactored **process\_statuses()** method to reduce its cognitive complexity.(AAP-47341)
- All UI elements related to policy enforcement are visible to all users. See the [policy enforcement documentation](#) for more information. (AAP-47006)
- On the inventory source form, for a source type of **VMware ESXi** the user will be able to select credentials of type **VMware vCenter**.(AAP-46784)
- Reduced the cognitive complexity of method **migrate\_resource()** in **migrate\_service\_data.py** from 56 to < =15.(AAP-45822)
- Reduce the cognitive complexity of the **process\_fields()** method in **serializers/preference.py** file.(AAP-45820)
- Reduced the cognitive complexity of **unique\_fields\_for\_model()** method to below 15.(AAP-45819)

### 10.7.3.2. Bug fixes

- Fixed an issue that did not allow role assignments using **object\_ansible\_id** in the **role\_user\_assignment** module.(AAP-48042)
- Fixed an issue that did not allow the **object\_id** field in the **role\_user\_assignment** module to accept a list of items.(AAP-47979)
- Fixed an example task in the **ansible.platform.token** module.(AAP-47976)
- Fixed an issue to **aap\_\*** parameters in **ansible.platform.token** module that resulted in user reminders not being sent out.(AAP-47975)
- Fixed an API error messaging in the event a user logs in as the admin user via legacy **auth** on one component, then tries to do so via the other component.(AAP-47541)
- Fixed an issue where API records could be missing or duplicated across pages.(AAP-47504)
- Fixed a bug that was causing the UI to throw an error when launching a workflow job template with both **Prompt on Launch** and **Survey** enabled.(AAP-46813)
- Fixed an issue where the platform gateway **OpenAPI** schema file was not being generated correctly.(AAP-46639)
- Fixed an issue where modules in the **ansible.platform** collection did not accept **AAP\_\*** variable for authentication.(AAP-45363)
- Fixed an issue where there was a missing option in the **ansible.platform.user** module to allow setting the **is\_platform\_auditor** flag on a user.(AAP-45244)
- Fixed an issue where an extra validation to handle incorrect user input in the variables field was needed, as the API did not return an error for it.(AAP-42563)

- Fixed an issue with the **Hosts** links in the **Resource Counts** section of the overview page to redirect to the **Hosts** page, filtered by either **Show only ready hosts** or **Show only failed hosts** depending on which count was clicked on.(AAP-42288)
- Fixed an issue where API records could be missing or duplicated across pages.(AAP-41842)

## 10.7.4. Red Hat Ansible Lightspeed

### 10.7.4.1. Enhancements

- Ansible Lightspeed intelligent assistant now supports third-party LLM providers such as Microsoft Azure OpenAI, OpenAI, and IBM watsonx.ai. For more information, see [Deploying the Ansible Lightspeed intelligent assistant on OpenShift Container Platform](#).(AAP-44011)

## 10.7.5. Ansible Automation Platform Operator

### 10.7.5.1. Enhancements

- Annotation can now be added to the route by specifying **spec.route\_annotations** on the Ansible Automation Platform and automation controller custom resources.(AAP-45952)
- New installations of Red Hat Ansible Lightspeed using the Ansible Automation Platform Custom Resource will automatically integrate with Ansible Automation Platform's **OAuth** mechanism. The **auth\_config\_secret\_name** setting is optional.(AAP-45686)

### 10.7.5.2. Bug fixes

- Fixed an issue where the **jquery** version included in the redirect page did not match the version from the rest framework directory.(AAP-47160)
- Fixed an issue where the ingress class name could not be configured on the automation hub CR. (AAP-47054)
- Fixed an issue where there was a missing resources limit on automation hub API **init** containers. (AAP-47053)
- Fixed an issue where the resources limit on worker pods could not be configured.(AAP-47045)
- Fixed an issue where there was no **readinessProbe** configuration in the PostgreSQL **statefulset** definition.(AAP-47043)

## 10.7.6. Automation controller

### 10.7.6.1. Features

- Added AWX **dispatcherd** integration.(AAP-45800)

### 10.7.6.2. Bug Fixes

- Fixed a race condition where job templates with duplicate names in the same organization could be created.(AAP-45968)

- Fixed an issue where **ole\_user\_assignments** failed to query for **object\_ansible\_id**. Enabled query filtering for fields **user\_ansible\_id**, **team\_ansible\_id**, and **object\_ansible\_id** on the role assignment API endpoints.(AAP-45443)
- Fixed an issue where some credential types were not populated after upgrading. This adds a new migration to accomplish this.(AAP-44233)
- Fixed an issue where there were large numbers of jobs queued that were stuck in waiting status. (AAP-44143)

## 10.7.7. Automation hub

### 10.7.7.1. Enhancements

- Any user can search and filter using AI keywords to find AI related collections in automation hub. (AAP-43138)

### 10.7.7.2. Bug Fixes

- Fixed an issue where there was an error when installing collections that exist in both rh-certified and community.(AAP-24271)

## 10.7.8. Container-based Ansible Automation Platform

### 10.7.8.1. Enhancements

- Validate that nodes are configured with at least 16G of RAM.(AAP-47542)
- Containerized Ansible Automation Platform now supports RHEL 10.(AAP-47083)

### 10.7.8.2. Bug Fixes

- Fixed an issue where the TLS Certificate Authority (CA) certificate for Receptor mesh configuration when providing TLS certificates were not signed by the internal CA.(AAP-48065)
- Fixed a missing user parameter for the sos report command on the **log\_gathering** playbook. (AAP-47718)
- Fixed an issue where the **jquery** version included in the redirect page did not match the version from the rest framework directory.(AAP-47074)

## 10.7.9. Event-Driven Ansible

### 10.7.9.1. Features

- API REST supports the editing of the URL of the project.(AAP-47459)
- Prior to this release, we suggested utilizing **ansible.builtin.set\_fact** within playbooks. We now advise using **ansible.builtin.set\_stats** as it enables seamless integration with job templates. We encourage migrating from **ansible.builtin.set\_fact** to **ansible.builtin.set\_stats** for optimal results, although **ansible.builtin.set\_fact** will continue to be supported.(AAP-46841)

### 10.7.9.2. Enhancements

- Previously, when a project **url/branch/scm\_refspec** was edited, users had to manually trigger a project resync through either the UI or API. Now, Event-Driven Ansible automatically does a resync in case one of **url/branch/scm\_refspec** is modified.(AAP-46254)
- Relevant settings and versions are emitted in logs when the worker starts.(AAP-40984)

### 10.7.9.3. Bug Fixes

- Fixed an issue when using **gather\_facts** in a rulebook a user had to provide an inventory. This is only available when running ansible-rulebook as a CLI. When the rulebook with **gather\_facts** is run as part of Activation the **gather\_facts** is ignored, since Activations does not include inventory.(AAP-47846)
- Fixed an issue where DE images that use an SHA digest in the URI would fail to pull. This is now addressed, enabling user reminders to be sent actively.(AAP-47725)
- Fixed an issue introduced in #1296 where we were running under the advisory lock and not the actual import/sync task, but the proxy that schedules the job for rq and **dispatcher**.(AAP-47554)
- Fixed an issue where there were no validations to **URL**, **branch/tag/commit**, and **refs** fields when creating or updating a project.(AAP-47227)
- Fixed an issue on k8s-based deployments where activations would hang while being deleted or disabled.(AAP-46559)
- Fixed an issue where the activation could get stuck in the **disabling** or **deleting** state under OpenShift Container Platform.(AAP-45298)

## 10.7.10. Receptor

### 10.7.10.1. Bug Fixes

- Fixed an issue where jobs were in a failed status with message **Receptor detail: Finished**. EOF is now handled correctly when the pod is ready.(AAP-46484)

## 10.7.11. RPM-based Ansible Automation Platform

### 10.7.11.1. Bug Fixes

- Fixed an issue where redis-platform would not restart on restore.(AAP-47689)
- Fixed an issue where old service nodes were not removed from platform gateway when the installer ran with a new host or new host names.(AAP-47651)
- Fixed an issue where restore was failing when a non-default port was used for Ansible Automation Platform managed database.(AAP-47639)
- Fixed an issue where some pages didn't render properly when non-default **umask** was being used.(AAP-47377)
- Fixed an issue where the Event-Driven Ansible script was not starting **nginx** on restart.(AAP-46511)

- Fixed an issue where the credentials associated to decision environments would not be updated with the site information defined in the source inventory during restore.(AAP-46271)
- Fixed an issue where the receptor certificate tasks would require switching to a receptor user. (AAP-46189)
- Fixed an issue where the firewall was not opening event stream ports.(AAP-45684)

## 10.8. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JUNE 11, 2025

This release includes the following components and versions:

Release date	Component versions
June 11, 2025	<ul style="list-style-type: none"> <li>• Automation controller 4.6.15</li> <li>• Automation hub 4.10.4</li> <li>• Event-Driven Ansible 1.1.9</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-15.1</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-15</li> <li>• Receptor 1.5.5</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-14.1</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-14</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1749604727
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1749607543

### 10.8.1. Automation controller

#### 10.8.1.1. Bug Fixes

- Fixed an issue where using or creating Azure keyvault credentials was failing with **TypeError**. (AAP-47413)

## 10.9. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JUNE 9, 2025

This release includes the following components and versions:

Release date	Component versions
June 9, 2025	<ul style="list-style-type: none"> <li>Automation controller 4.6.14</li> <li>Automation hub 4.10.4</li> <li>Event-Driven Ansible 1.1.9</li> <li>Container-based installer Ansible Automation Platform (bundle) 2.5-15</li> <li>Container-based installer Ansible Automation Platform (online) 2.5-15</li> <li>Receptor 1.5.5</li> <li>RPM-based installer Ansible Automation Platform (bundle) 2.5-14</li> <li>RPM-based installer Ansible Automation Platform (online) 2.5-14</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1749074128
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1749074612

### 10.9.1. General

- The **ansible.controller** collection has been updated to 4.6.14 (AAP-46562)
- The **ansible.platform** collection has been updated to 2.5.20250604 (AAP-46552)

### 10.9.2. Ansible Automation Platform

#### 10.9.2.1. Features

- Adds **ansible\_base.lib.utils.address.classify\_address** providing common recognition and parsing of machine addressing hostname, IPv4 and IPv6 with and without an appended :<port>. (AAP-45910)

#### 10.9.2.2. Enhancements

- LDAP filter validation improved such that all filters that meet LDAP standards including and/or should be properly validated.(AAP-46249)
- Completely updated interface for managing authentication methods and mappings.(AAP-45750)
- Default validity period for **Oauth** tokens reduced from 1000 years to 1 year. Existing tokens will NOT be updated. If you wish to reduce the validity period of existing tokens, please remove and re-issue them. The default validity period for **Oauth** tokens can be modified via the django setting **ACCESS\_TOKEN\_EXPIRE\_SECONDS** in **OAUTH2\_PROVIDER**.(AAP-46187)

#### 10.9.2.3. Bug fixes

- Fixed an issue where there was a degraded logging performance notice removed on the job output page. Polling fallback functionality still exists.(AAP-46120)
- Fixed an issue where the gateway proxy was not properly ejecting nodes failing health checks. (AAP-43931)
- Fixed an issue where installations with Red Hat Ansible Lightspeed enabled were not handled properly during upgrade.(AAP-46154)

### 10.9.3. Automation controller

#### 10.9.3.1. Enhancements

- Updated license mechanism to allow users to provide username and password when fetching subscriptions via the API and Ansible Automation Platform user interface.(AAP-46797)

#### 10.9.3.2. Bug Fixes

- Fixed an issue where the idle dispatch workers were not recycled based upon age, or after completing the last task. Default maximum age is 4 hours, controlled by **WORKER\_MAX\_LIFETIME\_SECONDS** setting. Set to None to disable worker recycling.(AAP-45947)
- Fixed an analytics collector failure to clean up temporary files after failed upload to Hybrid Cloud console.(AAP-45574)
- Fixed an issue where inventory variables pulled in by update from a source with the option **Overwrite Variables** checked, were not deleted on subsequent updates from the same source when the source no longer contained the variable.(AAP-45571)

### 10.9.4. Container-based Ansible Automation Platform

#### 10.9.4.1. Enhancements

- Allow users to skip automation controller demo data creation.(AAP-46482)
- Validating the Automation hub NFS share path format during the preflight role execution.(AAP-46306)

#### 10.9.4.2. Bug Fixes

- Fixed an issue where the custom Certificate Authority (CA) TLS certificate was not passed to the external database validation during the preflight role execution.(AAP-46480)
- Fixed a log redirection error for the Ansible automation hub, Event-Driven Ansible, and Unified UI containers.(AAP-46478)
- Fixed an issue where **~/.local/bin** path was not added to the user \$ **PATH** environment variable during PostgreSQL database dump and restore.(AAP-46209)
- Fixed the order of operations for handling service nodes to ensure only valid nodes are configured.(AAP-45551)

### 10.9.5. Event-Driven Ansible

### 10.9.5.1. Enhancements

- Rename env **EDA\_OIDC\_TOKEN\_URL** to **DA\_AUTOMATION\_ANALYTICS\_OIDC\_TOKEN\_URL**. (AAP-44862)

### 10.9.5.2. Bug Fixes

- Fixed an issue where the activation containers were not removed after a node goes offline. (AAP-45831)
- Fixed an issue where the error reminding user to remap source with event stream should be under key source\_mapping in the API return. (AAP-45105)
- Fixed an issue where special characters such as [] were not allowed in the activation name on OCP deployment. (AAP-44691)

## 10.9.6. RPM-based Ansible Automation Platform

### 10.9.6.1. Enhancements

- Setup will now retry automation gateway data migration attempts in case services take longer than expected to start. (AAP-46208)

### 10.9.6.2. Bug Fixes

- Fixed an issue Event stream worker would not restart like other workers when running setup.sh. (AAP-46205)
- Fixed an issue where setup would not restart the podman socket whenever podman was reset. (AAP-46191)

## 10.10. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MAY 28, 2025

This release includes the following components and versions:

Release date	Component versions
May 28, 2025	<ul style="list-style-type: none"> <li>• Automation controller 4.6.13</li> <li>• Automation hub 4.10.4</li> <li>• Event-Driven Ansible 1.1.8</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-14</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-14</li> <li>• Receptor 1.5.5</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-13</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-13</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1747343762
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1747345055

## 10.10.1. General

- The **ansible.platform collection** has been updated to 2.5.20250528.(AAP-45823)
- The **ansible.controller collection** has been updated to 4.6.13.(AAP-45885)

## 10.10.2. Features

### 10.10.2.1. Ansible Automation Platform

- Ansible Automation Platform now supports service account-based authentication for integration with services available through the Hybrid Cloud Console, including automation analytics, Insights for Ansible Automation Platform, and subscription management. See this [Knowledgebase article](#) for more information on the required changes.
- Replaced basic authenticate with service account authentication for Ansible Automation Platform subscription management.(AAP-44643)
- Updated the subscription wizard to accommodate fetching subscription information using service account credentials.(AAP-37077)
- Adds **ansible\_base.lib.utils.address.classify\_address** providing common recognition and parsing of machine addressing (hostname, IPv4 and IPv6) with and without an appended : **<port>**.(AAP-45287)

## 10.10.3. Enhancements

### 10.10.3.1. Ansible Automation Platform

- Reduced the cognitive complexity level of **validate\_password()** method and reorganized the **validate\_authenticate\_uid()** method to increase code readability.(AAP-45346)
- For clarity and to prevent misconfiguration, the SAML authenticator now requires both a permanent user ID and a username.(AAP-45333)
- Updated field names and help text in the System Settings UI to indicate client ID and client secret for service accounts, as well as client ID and client secret for analytics.(AAP-43119)
- Validation/enforcement of expected service types removed because service types are now dynamic.(AAP-40130)
- Enables configuration of control plane authentication for custom services. You should not modify it for pre-defined services.(AAP-40131)
- Custom service type support added. Arbitrary service types and services can be created rather than a fixed list.(AAP-39812)

### 10.10.3.2. Red Hat Ansible Lightspeed

- It is now possible to disable SSL verification for Red Hat Ansible Lightspeed ↔ Model Server communication.(AAP-45337)

#### 10.10.3.3. Automation controller

- Updated Azure Key Vault plugin to use managed identity when creating credentials.(AAP-43461)

#### 10.10.4. Bug fixes

With this update, the following CVEs have been addressed:

- [CVE-2025-43859 ee-supported-container](#): h11 accepts some malformed Chunked-Encoding bodies.(AAP-44783)
- [CVE-2025-43859 ee-cloud-services-container](#): h11 accepts some malformed Chunked-Encoding bodies.(AAP-44781)
- [CVE-2025-43859 ansible-lightspeed-container](#): h11 accepts some malformed Chunked-Encoding bodies.(AAP-44779)

##### 10.10.4.1. Ansible Automation Platform

- Fixed an issue found in SaaS deployments where the authentication proxy would use old, invalid database connections after an RDS database reboot.(AAP-44178)
- Fixed an issue where administrators were not allowed to configure auto migration of legacy authenticators.(AAP-36841)
- Fixed an issue where the usernames from LDAP were not case-insensitive. LDAP is case-insensitive so logging in as <Bob> and <bob> would result in two different users in platform gateway even though they are the same user in LDAP. With this change, both users will be authenticated as the lowercase username.(AAP-44177)

##### 10.10.4.2. Ansible Automation Platform Operator

- Fixed a broken document link to Ansible Automation Platform Operator installation documents in the OpenShift Container Platform UI.(AAP-45199)
- Fixed an issue where the user was unable to configure **kind: AnsibleInstanceGroup**, and it failed with an error **policy\_spec\_override is undefined**(AAP-45351)

##### 10.10.4.3. Red Hat Ansible Lightspeed

- Fixed an issue where it was not possible to disable SSL verification between Model Server and Red Hat Ansible Lightspeed.(AAP-45269)
- Fixed an issue where the provider type and context window size were not configurable in Red Hat Ansible Lightspeed Operator.(AAP-45166)

##### 10.10.4.4. Automation controller

- Fixed an issue where the VMware credential was not applying to the source correctly.(AAP-45169)

- Fixed an issue where the workflow job template did not have job access parity with **UnifiedJobAccess**.(AAP-45057)
- Fixed an issue where error handling did not allow event processing to continue even if one event contained invalid data that cannot be parsed by **jq**.(AAP-44876)

#### 10.10.4.5. Platform gateway

- Fixed **AttributeError** errors around the **legacy\_base** authenticator which were harmless, but were showing in logs leading to customer and engineer confusion.(AAP-40159)
- Fixed an issue where customized proxy authentication on a per service cluster basis was not allowed.(AAP-35601)
- Fixed an issue where there was a server error on migrating an LDAP user in a freshly upgraded 2.4 → 2.5 instance. The fix prevents the 500 error during LDAP user legacy authentication and migration following an upgrade.(AAP-44958)

#### 10.10.4.6. RPM-based Ansible Automation Platform

- Fixed an issue the **max keyrings sysctl** would produce common failures when running more than 200 containers on a node.(AAP-45260)
- Fixed an issue where automation platform gateway proxy (envoy) ports were not included in the firewall.(AAP-45489)

#### 10.10.5. Known Issues

- Red Hat Ansible Lightspeed enabled deployments must apply a workaround to avoid problems during upgrade from release 2.5.20250507. The service cluster and related objects must be removed before upgrade and re-created after upgrade. For more information please see this [KCS article](#).(AAP-46154)

### 10.11. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MAY 7, 2025

This release includes the following components and versions:

Release date	Component versions
--------------	--------------------

Release date	Component versions
May 7, 2025	<ul style="list-style-type: none"> <li>Automation controller 4.6.12</li> <li>Automation hub 4.10.4</li> <li>Event-Driven Ansible 1.1.8</li> <li>Container-based installer Ansible Automation Platform (bundle) 2.5-13</li> <li>Container-based installer Ansible Automation Platform (online) 2.5-13</li> <li>Receptor 1.5.5</li> <li>RPM-based installer Ansible Automation Platform (bundle) 2.5-12</li> <li>RPM-based installer Ansible Automation Platform (online) 2.5-12</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1746137767
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1746138413

### 10.11.1. General

- Implemented GitHub application credential type.(AAP-38589)
- The **ansible.platform** collection has been updated to 2.5.20250507.(AAP-44992)
- The **ansible.controller** collection has been updated to 4.6.12.
- The **ansible.eda** collection has been updated to 2.7.0.

### 10.11.2. Technology Preview

#### 10.11.2.1. Policy as Code

Policy enforcement is available in tech preview, behind a feature flag. See the [product documentation](#) and the Knowledgebase article [How to set feature flags for Red Hat Ansible Automation Platform](#) for information on working with feature flags.

### 10.11.3. Features

#### 10.11.3.1. Ansible Automation Platform

- Added an enhanced log viewer for rulebook activation instances similar to the job output logger.(AAP-43337)

#### 10.11.3.2. Container-based Ansible Automation Platform

- Implemented a playbook to collect sos reports using the inventory file.(AAP-42606)

### 10.11.3.3. Event-Driven Ansible

- Event-Driven Ansible now submits analytics data.(AAP-40881)
- Enabled Event-Driven Ansible analytics data to be uploaded to the cloud. This feature is guarded by a feature flag.(AAP-42468)
- Added a log tracking id to each log message labelled as **[tid: uuid-pattern]**.(AAP-42270)
- Improved the user experience of managing rulebook activations in Event-Driven Ansible by introducing an edit capability.(AAP-33067)
- The following datapoints Event-Driven Ansible now collects for analytics for MVP:
  - Eventsources used in Event-Driven Ansible.
  - Eventstreams used in Event-Driven Ansible.
  - Version of Event-Driven Ansible installed.
  - Installation type (container/OCP/VM).
  - Platform organizations in Event-Driven Ansible.
  - Which automation controller job template was launched from a rulebook activation.(AAP-31458)
- Event-Driven Ansible **gather\_analytics** command now runs on schedule as an internal task. (AAP-30063)
- Event-Driven Ansible now writes analytics data collector that sends payloads to **console.redhat.com**.(AAP-30055)
- Add **x-request-id** to each log message labelled as **[rid:uuid-pattern]**.(AAP-42269)

### 10.11.4. Enhancements

#### 10.11.4.1. Ansible Automation Platform

- Updated platform gateway to adopt selected standard component for settings mechanism. (AAP-34939)
- Refactored the **authenticate()** method inside the **AuthenticatorPlugin** class in **legacy\_password.py** and **legacy\_sso.py** to their common parent **LegacyMixin**. Added comments to classes and their methods for code clarity.(AAP-44460)

#### 10.11.4.2. Ansible Automation Platform Operator

- Fixed an issue where the Lightspeed Operator would not use the **ANSIBLE\_AI\_MODEL\_MESH\_CONFIG**.(AAP-41335)
- Extended CCSP and renewal guidance reports to include inventory scope and node/host details.(AAP-38802)

#### 10.11.4.3. Automation controller

- Updated the pinned version of **receptorctl** in automation controller to 1.5.5.(AAP-44823)
- Updated the pinned version for **ansible-runner** in automation controller.(AAP-43357)

#### 10.11.4.4. Container-based Ansible Automation Platform

- Added new variable **use\_archive\_compression** with default **value: true**. Added new variable component **Name\_use\_archive\_compression** for each component with the default **value: true**.(AAP-41242)

#### 10.11.4.5. Event-Driven Ansible

- Event-Driven Ansible collection standardization enhancements.(AAP-41402)
- Relevant settings and versions are emitted in logs when the ansible-rulebook starts in worker mode.(AAP-40781)
- Added log entries with settings and version at startup.(AAP-40781)
- Enhanced the Ansible Automation Platform injectors for **eda-server** to include common platform variables as **extra\_vars** or environment variables if they are specified.(AAP-43029)
- Event-Driven Ansible decision environment validation errors now display under the decision environment text box in the decision environment UI page.(AAP-42147)
- Added a automation controller URL check for the CLI.(AAP-41575)
- If a source plugin terminates you are now able to see the stack trace with the source file name, the function name, and line number.(AAP-41774)

#### 10.11.4.6. RPM-based Ansible Automation Platform

- Added compression for archive and database artifacts used in backup/restore
  - Updated database filename used for automation controller **pg\_dump** from tower to automation controller while maintaining backward compatibility for backups using **tower.db** filename.(AAP-42055)

### 10.11.5. Bug fixes

With this update, the following CVEs have been addressed:

[CVE-2025-26699](#) **automation-controller**: Potential denial-of-service vulnerability in **django.utils.text.wrap()**.(AAP-41139)

#### 10.11.5.1. Ansible Automation Platform

- Fixed an issue where In AAP 2.5, the user needed to press Ctrl+Enter to start a new line.(AAP-43499)
- Fixed an issue where the change anchor tag on API html view violated semantic rules. (AAP-43802)
- LDAP Authenticator field **USER\_SEARCH** field now properly supports LDAP Unions. Previously you could only define one search term in the field like:

```
[  
  "ou=users,dc=example,dc=com",  
  "SCOPE_SUBTREE",  
  "uid=%(user)s"  
,  
  [  
    "ou=users,dc=example,dc=com",  
    "SCOPE_SUBTREE",  
    "uid=%(user)s"  
,  
  ]  
,  
  [  
    "ou=users,dc=example,dc=com",  
    "SCOPE_SUBTREE",  
    "uid=%(user)s"  
,  
  ]  
,  
]
```

- **USER\_DN\_TEMPLATE** will still take precedence over the **USER\_SEARCH** field. If non-unique users are found when performing multiple searches, those users will be unable to login to Ansible Automation Platform.(AAP-42883)
- Fixed an issue where there was a file not found error with Dynaconf.(AP-43144)
- Fixed an issue where dynaconf mishandled the openapi schema.(AAP-43143)
- Fixed an issue when editing an authenticator with a large number of Organization/Team mappings in platform-gateway would affect the loading time of the web page, potentially making the page unresponsive.(AAP-40963)
- Fixed an issue where unreachable hosts were not being filtered out of CCSP reports usage. (AAP-38735)
- Fixed an issue where the **X-DAB-JW-TOKEN** header message would flood logs.(AAP-38169)
- Fixed an issue where after upgrading to Ansible Automation Platform 2.5 managed on Azure, the ability to see job output while the job was running was lost. (AAP-43894)
- Fixed an issue where customers were not allowed to view output details for filtered job outputs. (AAP-38925)
- Fixed an issue where unreachable hosts from CCSP usage reports were not excluded.(AAP-38735)
- Fixed an issue where indirect hosts were being counted in the first tab as quantity.(AAP-44676)
- Fixed an issue where the platform-gateway could not be installed with a different name for the admin user.(AAP-44180)
- Fixed an issue where an Ansible Automation Platform UI session was being logged out even if the user is actively working.(AAP-43622)
- Fixed an issue where exceptions handled on SSO login were not allowing for error messages to be properly captured.(AAP-43369)

- Fixed an issue where the job output was slow and making it hard to read due to missing parts of the output.(AAP-41434)
- Fixed an issue where the user was unable to edit an existing rulebook activation.(AAP-37299)

#### 10.11.5.2. Ansible Automation Platform Operator

- Fixed an issue where the pod affinity/anti-affinity was not configurable for the aap-gateway-operator to allow for pod placement on unique nodes.(AAP-42983)
- Fixed an issue where Red Hat Ansible Lightspeed was incorrectly passing DAB settings.(AAP-43542)
- Fixed an issue where the Lightspeed Operator WCA configuration was not optional.(AAP-42370)
- Fixed an issue where **status.conditions** validation would not allow auto-reporting errors on CR statuses.(AAP-44081)
- Fixed an issue where the Ansible Automation Platform gateway had the incorrect Lightspeed deployment name.(AAP-43837)
- Fixed an issue where Lightspeed devel CRD was incompatible with 2.5 CRD.(AAP-43657)
- Fixed an issue where **status.conditions** validation was not allowing auto-reporting errors on the CR statuses.(AAP-44083)
- If the user is migrating between OpenShift Container Platform Operator on AAP 2.5 fails because of a postgres permission issue. The automation controller operator now grants permission to the automation controller user to avoid permissions errors when migrating the data.(AAP-44846)
- Fixed an issue where there was an Intermittent **502 Bad Gateway** error on Ansible Automation Platform 2.5 operator deployment.(AAP-44176)

#### 10.11.5.3. Automation controller

- Fixed usage of Django password validator **UserAttributeSimilarityValidator**.(AAP-43046)
- Fixed an issue where there was no lookup credential without user Inputs, and where the credential defaults were not passing between awx-plugins and AWX.(AAP-38589)
- Fixed an issue where there was an incorrect deprecation warning for **awx.awx.schedule\_rrule**. (AAP-43474)
- Fixed an issue where facts were unintentionally deleted when an inventory is modified during a job execution.(AAP-39365)

#### 10.11.5.4. Container based Ansible Automation Platform

- Fixed an issue where the paths to expose isolated jobs' settings did not work.(AAP-37599)

The `ansible.gateway_configuration` collection was replaced by `ansible.platform`.(AAP-44230)

- Fixed an issue where the automation hub would fail to upload collections due to a missing worker temporary directory.(AAP-44166)

### 10.11.5. Event-Driven Ansible

- Fixed an issue where the log messages were not using the correct log level.(AAP-43607)
- Fixed an issue where the **ansible-rulebook** logs were not logged into the activation-worker log. (AAP-43549)
- Fixed an issue where the container was not always deleted correctly, or it missed the last output entries in VM based installations.(AAP-42935)
- Fixed an issue where Event-Driven Ansible logging did not allow searching.(AAP-43338)
- Fixed an issue where the rulebook activations and event streams would not remain due to a cascading delete after the user who created them was deleted.(AAP-41769)
- Fixed an issue where the decision environment was not using the image to authenticate and pull successfully when using an image registry with a custom port.(AAP-41281)
- Fixed an issue where timestamps were not formatted to the local timezone of the user.(AAP-38396)
- Fixed an issue where the activation failed with the message **It will attempt to restart (1/5) in 60 seconds according to the restart policy always**, but it does not restart.(AAP-43969)
- Fixed an issue where a race condition would occur while cleaning up activation in OpenShift Container Platform, causing unexpected behavior.(AAP-44108)
- Fixed an issue where the Event-Driven Ansible logs showed no information about an internal server error.(AAP-42271)
- Fixed an issue where there was a duplicate error message in the CLI.(AAP-41745)
- Fixed an issue where Envoy was stripping the **Authorization** header from client requests.(AAP-44700)
- Fixed an issue where Event-Driven Ansible had not selected a standard component for settings mechanism.(AAP-41684)
- Fixed an issue where documentation was missing for Event-Driven Ansible source plugins.(AAP-8630)
- Fixed an issue where there was a memory leak in Event-Driven Ansible using the **ansible-rulebook sqs** plugin.(AAP-42623)
- Fixed an issue where rulebook activations were not editable or copyable either through the UI or API.(AAP-37294)
- Fixed an issue where the rule engine used in **ansible-rulebook** was keeping events that do not match in memory for the **default\_events\_ttl** of two hours causing a memory leak.(AAP-44899)
- Fixed an issue where there was a memory leak in Event-Driven Ansible using **ansible-rulebook sqs** plugin.(AAP-44899)
- Fixed an issue where the rulebook activation module in the Event-Driven Ansible collection lacked support for restarting the activation.(AAP-42542)

- Fixed an issue where AAP aliases were unable to be used to specify Event-Driven Ansible collection variables.(AAP-42280)

#### 10.11.5.6. Red Hat Ansible Lightspeed Operator

- Fixed an issue where the **auth\_config\_secret\_name** configuration in Lightspeed Operator was not optional in the automation controller.(AAP-44203)

#### 10.11.5.7. Receptor

- Fixed an issue where the kube API would lock up on every call by moving **kubeAPIWapperInstance** inside each **kubeUnit** and removing **kubeAPIWapperlocks**.(AAP-43111)

#### 10.11.5.8. RPM-based Ansible Automation Platform

- Fixed an issue where platform gateway services were not aligned after restore with the target environment.
  - Fixed an issue where old instance nodes were still registered in automation controller post restore.
  - Fixed an issue where **nginx** would attempt to reload before the configuration was finalized. (AAP-44231)

## 10.12. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE APRIL 9, 2025

This release includes the following components and versions:

Release date	Component versions
April 9, 2025	<ul style="list-style-type: none"> <li>• Automation controller 4.6.11</li> <li>• Automation hub 4.10.3</li> <li>• Event-Driven Ansible 1.1.7</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-12</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-12</li> <li>• Receptor 1.5.3</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-11</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-11</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1743660124
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1743660958

## 10.12.1. General

- The **ansible.controller** collection has been updated to 4.6.11.(AAP-43126)
- Fixed an issue where authentication configuration for **AzureAD/Entrald** groups could not be used in authentication mapping.(AAP-42890)

## 10.12.2. Enhancements

### 10.12.2.1. Container-based Ansible Automation Platform

- Implemented variables for applying **extra\_settings** for automation controller, Event-Driven Ansible, platform gateway, and automation hub during installation.(AAP-42932)

## 10.12.3. Bug fixes

With this update, the following CVEs have been addressed:

- [CVE-2025-2877](#) **ansible-rulebook**: exposure of inventory passwords in plain text when starting a rulebook activation with verbosity set to debug in Event-Driven Ansible.(AAP-42817)

### 10.12.3.1. Ansible Automation Platform

- Fixed an issue where job workflow templates failed with limits.(AAP-33726)
- Fixed an issue where there was non-viable information disclosure for pen testing.(AAP-39977)

### 10.12.3.2. Ansible Automation Platform Operator

- Fixed an issue on the OpenShift Container Platform Route TLS termination that was always configured with the edge value.(AAP-42051)

### 10.12.3.3. Container based Ansible Automation Platform

- Fixed an issue where the restore to a new node would fail. Implemented validation and cleanup for service nodes on a restore to a new cluster.(AAP-42781)
- Fixed an issue where podman logs did not show any log messages if the user was not part of the local **administrator** or **systemd-journal** group.(AAP-42755)
- Fixed an issue where the containerized installer was unable to apply extra settings for automation controller, Event-Driven Ansible, platform gateway, and automation hub.(AAP-40798)
- Fixed an issue where a remote user was not part of the **systemd-journal** group and could not access container logs.(AAP-42755)

### 10.12.3.4. Automation execution environments

- Fixed an issue where there was a Python 3.11 incompatibility by updating **pykerberos** to 1.2.4 in **ee-minimal** and **ee-supported** container images.(AAP-42428)

### 10.12.3.5. Event-Driven Ansible

- Fixed an issue where activations attached with some event streams could not be created in deployments configured with **Postgresql** with **mTLS**.(AAP-42268)

#### 10.12.3.6. RPM-based Ansible Automation Platform

- Fixed an issue where the token refresh prevented Event-Driven Ansible worker nodes from re-authenticating tokens.(AAP-42981)
- Fixed an issue where the bundle installer failed to update automation controller and **aap-metrics-utility** in the same run.(AAP-42632)
- Fixed an issue where platform UI was not loading when the platform gateway was on a **FIPS** enabled Red Hat Enterprise Linux 9.(AAP-39146)

#### 10.12.4. Known Issues

- This section provides information about known issues in Ansible Automation Platform 2.5. Upgrade issues with the RPM installer.
- Upgrading from Red Hat Enterprise Linux 9.4 to Red Hat Enterprise Linux 9.5 or later fails when running platform gateway version 2.5.20250409 or later. To upgrade to Red Hat Enterprise Linux 9.5 or later, follow the steps in this [KCS article](#).
- When upgrading Ansible Automation Platform 2.5, you must use the RPM installer version 2.5-11 or later. If you use an older installer, the installation might fail. If you encounter a failed installation using an earlier version of the installer, rerun the installation with version 2.5-11 or later.

### 10.13. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MARCH 26, 2025

This release includes the following components and versions:

Release date	Component versions
March 26, 2025	<ul style="list-style-type: none"> <li>• Platform gateway 2.5.20250326</li> <li>• Automation controller 4.6.10</li> <li>• Automation hub 4.10.3</li> <li>• Event-Driven Ansible 1.1.6</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-11.1</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-11</li> <li>• Receptor 1.5.3</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-10</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-10</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: aap-operator.v2.5.0-0.1742434024
- Cluster-scoped Bundle: aap-operator.v2.5.0-0.1742434756

### 10.13.1. General

- The **ansible.controller** collection has been updated to 4.6.10.(AAP-42242)
- Service account support has been integrated into Ansible Automation Platform Analytics; service account credentials have replaced basic auth credentials when linking to Analytics. (AAP-39472)
  - For more information, see the KCS article [Configure Ansible Automation Platform to use service account credentials for authentication](#).

#### 10.13.1.1. Deprecated

- Deprecated and suppressed the warning about **ANSIBLE\_COLLECTIONS\_PATHS** in the job output.(AAP-41566)

### 10.13.2. Bug fixes

With this update, the following CVEs have been addressed:

- [CVE-2025-27516 python3.11-jinja2](#): Jinja sandbox breakout through attr filter selecting format method.(AAP-42104)
- [CVE-2025-26699 python3.11-django](#): Potential denial-of-service vulnerability in **django.utils.text.wrap()**.(AAP-42107)
- [CVE-2025-26699 ansible-lightspeed-container](#): Potential denial-of-service vulnerability in **django.utils.text.wrap()**.(AAP-41138)
- [CVE-2025-27516 automation-controller](#): Jinja sandbox breakout through attr filter selecting format method.(AAP-41692)
- [CVE-2025-27516 ansible-lightspeed-container](#): Jinja sandbox breakout through attr filter selecting format method.(AAP-41690)

#### 10.13.2.1. Ansible Automation Platform

- Fixed an issue when migrating user accounts with invalid email addresses, the process would print a message showing the user name of the user whose email address has been removed. (AAP-41675)
- Fixed an issue that occurred after enabling **automigration** of user accounts from the previous SSO authenticator to a new authenticator, the user accounts from other Ansible Automation Platform services such as automation controller or automation hub, were not properly merged into one account, and the account on those services deleted.(AAP-42146)

#### 10.13.2.2. Ansible Automation Platform Operator

- Fixed an issue where the legacy automation controller API information link on the automation controller redirect page was broken.(AAP-41510)

- Fixed an issue where Ansible Automation Platform backups would fail when writing **yaml** to the PVC on OpenShift Container Platform clusters with OpenShift Container Platform Virtualization installed.(AAP-28609)

#### 10.13.2.3. Automation controller

- Fixed an issue where Insights projects were failing on OpenShift Container Platform on Ansible Automation Platform, due to incorrectly specifying the extra **vars** path.(AAP-41874)
- Fixed an issue where the host metrics for dark, unreachable hosts were being collected.(AAP-41567)
- Fixed an issue where the system auditor could download the execution node install bundle.(AAP-37922)
- Fixed an issue where the host record was added to **HostMetric** when the host had failures or unreachable tasks completed.(AAP-32094)

#### 10.13.2.4. Automation hub

- Fixed an issue where the user could not delete automation hub teams on the resource API.(AAP-42158)
- Fixed an issue where the **retain\_repo\_versions** was null for the validated repos.(AAP-42005)

#### 10.13.2.5. RPM-based Ansible Automation Platform

- Fixed an issue where preflight was not accounting for **automationgateway** being a CA server node.(AAP-41817)
- Fixed an issue where platform gateway installations resulted in failures in environments with IPv6 due to **nginx** configuration timing.(AAP-41816)

#### 10.13.3. Known Issues

- In the platform gateway, the tooltip for **Projects → Create Project - Project Base Path** is undefined.(AAP-27631)
- Deploying platform gateway on FIPS enabled RHEL 9 is currently not supported.(AAP-39146)

### 10.14. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MARCH 12, 2025

This release includes the following components and versions:

Release Date	Component versions
--------------	--------------------

Release Date	Component versions
March 12, 2025	<ul style="list-style-type: none"> <li>● Automation controller 4.6.9</li> <li>● Automation hub 4.10.2</li> <li>● Event-Driven Ansible 1.1.6</li> <li>● Container-based installer Ansible Automation Platform (bundle) 2.5-11</li> <li>● Container-based installer Ansible Automation Platform (online) 2.5-11</li> <li>● Receptor 1.5.3</li> <li>● RPM-based installer Ansible Automation Platform (bundle) 2.5-9</li> <li>● RPM-based installer Ansible Automation Platform (online) 2.5-9</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: **aap-operator.v2.5.0-0.1740093573**
- Cluster-scoped Bundle: **aap-operator.v2.5.0-0.1740094176**

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

#### 10.14.1. General

- The **ansible.controller** collection has been updated to 4.6.9.(AAP-41400)
- **ansible-lint** has been updated to 25.1.2.(AAP-38116)
- Fixed an issue where the bundle installer/ee-supported did not contain the latest collection versions. The following collections have been updated in the ee-supported and the bundle installer:
  - amazon.aws 9.2.0
  - ansible.windows 2.7.0
  - arista.eos 10.0.1
  - cisco.ios 9.1.1
  - cisco.iosxr 10.3.0
  - cisco.nxos 9.3.0
  - cloud.common 4.0.0
  - cloud.terraform 3.0.0
  - kubernetes.core 5.1.0
  - microsoft.ad 1.8.0

- redhat.openshift 4.0.1
- vmware.vmware 1.10.1
- vmware.vmware\_rest 4.6.0.(AAP-39960)
- Fixed an issue where **ansible-rulebook** did not support by default third party python libraries. (AAP-41341)

## 10.14.2. Features

### 10.14.2.1. Event-Driven Ansible

- Adopts the new credential copy endpoint from the API.(AAP-41384)

### 10.14.3. Enhancements

#### 10.14.3.1. Event-Driven Ansible

- Event-Driven Ansible activation logging is now provided via the **journald** driver.(AAP-39745)
- Rulebook activations' log message field is now separated into timestamps and message fields. (AAP-39743)
- Moved **ansible.eda** collection from de-supported to de-minimal as elements of the collection are required for all Event-Driven Ansible images.(AAP-39749)

#### 10.14.3.2. RPM-based Ansible Automation Platform

- The **setup.sh** script now has an option to collect **sosreport**.(AAP-40085)

### 10.14.4. Deprecated

- Deprecated the variables **eda\_main\_url** and **hub\_main\_url** in favor of the platform gateway proxy URL. Automation hub will now use the platform gateway proxy URL.(AAP-41306)

### 10.14.5. Bug fixes

With this update, the following CVEs have been addressed:

[CVE-2025-26791](#) **automation-gateway**: Mutation XSS in **DOMPurify** due to improper template literal handling.(AAP-40402)

#### 10.14.5.1. Ansible Automation Platform

- Fixed an issue in the user collection module where running with **state: present** would cause a stack trace.(AAP-40887)
- Fixed an issue that caused updates to SAML authenticators to ignore an updated public certificate provided via UI or API and then fail with the message **The certificate and private key do not match.**(AAP-40767)

- Fixed an issue with the **ServiceAuthToken** destroy method to allow HTTP delete via **ServiceAuth** to work properly.(AAP-37630)

#### 10.14.5.2. Platform gateway

- Fixed an issue that would prevent some types of resources from getting synced if there was a naming conflict.(AAP-41241)
- Fixed an issue where the login failed for users who were members of a team or organization that had a naming conflict.(AAP-41240)
- Fixed an issue where there would be **401 unauthorized** errors thrown at random in the platform gateway UI.(AAP-41165)
- Fixed an issue where services could not request **cloud.redhat.com** settings from the platform gateway using **ServiceTokenAuth**.(AAP-39649)

#### 10.14.5.3. Automation controller

- Fixed an issue where upgrading was preventing automation controller administrator password to be set for the platform gateway administrator account.(AAP-40839)
- Fixed an issue where the indirect host counting name recorded the hostname, instead of from the query result.(AAP-41033)
- Fixed an issue where the **OpaClient** was not initializing properly after timeouts and retries. (AAP-40997)
- Fixed an issue where automation controller was missing the service account credentials for analytics.(AAP-40769)
- Fixed an issue where the ability to enable feature flags via the corresponding setting of the same name was not possible.(AAP-39783)
- Fixed an issue where the DAB feature flags endpoints were not registered in the automation controller API.(AAP-39778)
- Fixed an issue where the API was missing a helper method for fetching the service account token from **sso.redhat.com**.(AAP-39637)

#### 10.14.5.4. Container-based Ansible Automation Platform

- Fixed an issue where the containerized installer was not creating receptor mesh connections between all automation controller nodes.(AAP-41102)
- Fixed an issue where a default installation of the containerized Ansible Automation Platform was unable to use container groups.(AAP-40431)
- Fixed an issue where errors would be hidden during Event-Driven Ansible status validation. (AAP-40021)
- Fixed an issue where the **polkit** RPM package was not installed, therefore, not enabling user lingering.(AAP-39860)

#### 10.14.5.5. Event-Driven Ansible

- Fixed an issue where the **EDA\_ACTIVATION\_DB\_HOST** environment variable in the **eda-initial-data** container was missing.(AAP-41270)
- Fixed an issue with the behavior of the **ansible-rulebook** and Event-Driven Ansible controller to help when an activation that was started correctly was considered unresponsive and was scheduled for a restart.(AAP-41070)
- Fixed an issue where editing and copying of rulebook activations in the API were not allowed. (AAP-40254)
- Fixed an issue where the activation was incorrectly restarted with the error message **Missing container for running activation**.(AAP-39545)
- Fixed an issue where the Event-Driven Ansible server did not support **PG Notify** using certificates.(AAP-39294)
- Fixed an issue where the user was not required to give a unique user defined name when copying a credential.(AAP-39079)
- Fixed an issue where the image URL in the collection **decision\_environment** testing was not OCI compliant.(AAP-39064)
- Fixed an issue where when creating a new team with the same name should have propagated **IntegrityError**.(AAP-38941)
- Fixed an issue where decision environment URLs were not validated against OCI specification to ensure successful authentication to the container registry when pulling the image.(AAP-38822)
- Fixed an issue where the **Activation** module did not support the **copy** operation from other activations.(AAP-37306)

#### 10.14.5.6. Receptor

- Fixed an issue where automation mesh receptor was creating too many **inotify** processes, and where the user would encounter a **too many open files** error.(AAP-22605)

#### 10.14.5.7. RPM-based Ansible Automation Platform

- Fixed an issue where the activation instance logs were missing in RPM deployments.(AAP-40886)
- Fixed an issue where the managed CA would not correctly assign eligible groups during discovery, during installation, and backup and restore.(AAP-40277)
- Fixed an issue where during an installation or upgrade, SELinux relabeling was not occurring even if new **fcontext** rules were added.(AAP-40489)
- Fixed an issue where the credentials for execution environments and decision environments hosted in automation hub were incorrectly configured.(AAP-40419)
- Fixed an issue where projects failed to sync due to incorrectly configured credentials for Ansible Automation Platform collections hosted in automation hub.(AAP-40418)

#### 10.14.6. Known Issues

- In the platform gateway, the tooltip for **Projects → Create Project - Project Base Path** is undefined.(AAP-27631)
- Deploying platform gateway on FIPS enabled RHEL 9 is currently not supported.(AAP-39146)

## 10.15. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE MARCH 01, 2025

This release includes the following components and versions:

Release date	Component versions
March 01, 2025	<ul style="list-style-type: none"> <li>• Automation controller 4.6.8</li> <li>• Automation hub 4.10.1</li> <li>• Event-Driven Ansible 1.1.4</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-10.2</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-10</li> <li>• Receptor 1.5.1</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-8.3</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-8</li> </ul>

CSV versions in this release:

- Namespace-scoped bundle: **aap-operator.v2.5.0-0.1740773472**
- Cluster-scoped bundle: **aap-operator.v2.5.0-0.1740774104**



### IMPORTANT

An issue was found in affected versions of Ansible Automation Platform that enabled a lesser privileged user (even unauthenticated) promotion to a greater privileged user. All Ansible Automation Platform 2.5 customers should upgrade their environments to the latest version as soon as possible to resolve this issue. Ansible Automation Platform on Microsoft Azure and Ansible Automation Platform Service on AWS environments are already patched by Red Hat.

The following bug fixes have been implemented in this release of Ansible Automation Platform:

### 10.15.1. Bug fixes

#### 10.15.1.1. CVE

With this update, the following CVE has been addressed:

- [CVE-2025-1801 automation-gateway: aap-gateway](#) privilege escalation. (AAP-41180)

### 10.15.1.2. Platform gateway

- Fixed an issue that caused the API to randomly return 401 errors. (AAP-41054)

## 10.16. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE FEBRUARY 25, 2025

This release includes the following components and versions:

Release Date	Component versions
February 25, 2025	<ul style="list-style-type: none"> <li>• Automation controller 4.6.8</li> <li>• Automation hub 4.10.1</li> <li>• Event-Driven Ansible 1.1.4</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-10.1</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-10</li> <li>• Receptor 1.5.1</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-8.2</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-8</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: **aap-operator.v2.5.0-0.1740093573**
- Cluster-scoped Bundle: **aap-operator.v2.5.0-0.1740094176**

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

### 10.16.1. Enhancements

#### 10.16.1.1. Platform gateway

- Previously **gateway\_proxy\_url** was used for the proxy health check, but is no longer used in favor of the **ENVOY\_HOSTNAME** setting.(AAP-39907)

#### 10.16.1.2. Event-Driven Ansible

- In the credential type schema the format field can be set to binary\_base64 to specify a file should be loaded as a binary file.(AAP-36581)
  - Sample Credential Type Schema
  - Inputs Configuration
  - fields:

- id: keytab
- type: string
- label: Kerberos Keytab file
- format: binary\_base64 secret: true
- help\_text: Please select a Kerberos Keytab file
- multiline: true

## 10.16.2. Bug fixes

### 10.16.2.1. Ansible Automation Platform

- Fixed an issue where the subscription entitlement expiration notification was visible, even when the subscription was active.(AAP-39982)
- Fixed an issue where upon UI reload/refresh, logs of a running job before the refresh would not appear until new logs were generated from the playbook.(AAP-38924)
- Fixed an issue when the customer was unable to scale down replicas to put Ansible Automation Platform into idle mode.(AAP-39492)
- After launching the **Workflow Job Template**, the launched job for a job template node in the workflow should contain the **job\_tags** and **skip\_tags** that were specified in the **launch prompt** step.(AAP-40395)
- Fixed an issue where the user was not able to create a members role in Ansible Automation Platform 2.5.(AAP-37626)
- Fixed an issue where a custom image showed Base64 encoded data.(AAP-26984)
- Fixed an issue where a custom logo showed Base64 encoded data.(AAP-26909)
- Fixed an issue that restricted users from executing jobs for which they had the correct permissions.(AAP-40398)
- Fixed an issue where the workflow job template node extra vars were not saved.(AAP-40396)
- Fixed an issue where the Creating and using execution environments guide had the incorrect ansible-core version.(AAP-40390)
- Fixed an issue where you were not able to create a members role in Ansible Automation Platform 2.5.(AAP-40698)
- Fixed an issue where the initial login to any of the services from platform gateway could result in the user being given access to the wrong account.(AAP-40617)
- Fixed an issue where the service owned resources were not kept in sync with the platform gateway allowing for duplicate name values on user login.(AAP-40616)
- Fixed an issue where users, organizations, and teams, became permanently out of sync if any user, organization, or team, was deleted from the platform gateway.(AAP-40615)

- Fixed an issue where automation hub would fail to run the sync task if any users were deleted from the system.(AAP-40613)

#### 10.16.2.2. Platform gateway

- Fixed an issue where ping and status checks with resolvable, but nonresponding, URLs could cause all platform gateway **uwsgi** workers to hang until all were exhausted. The new settings are **PING\_PAGE\_CHECK\_TIMEOUT** and **PING\_PAGE\_CHECK\_IGNORE\_CERT**.(AAP-39907)

#### 10.16.2.3. Event-Driven Ansible

- Fixed an issue where credentials could be copied in AAP but could not be copied in Event-Driven Ansible.(AAP-35875)

#### 10.16.2.4. Known Issues

- In the platform gateway, the tooltip for **Projects → Create Project - Project Base Path** is undefined.(AAP-27631)
- Deploying the platform gateway on FIPS enabled RHEL 9 is currently not supported.(AAP-39146)

## 10.17. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE FEBRUARY 13, 2025

This release includes the following components and versions:

Release Date	Component versions
February 13, 2025	<ul style="list-style-type: none"> <li>• Automation controller 4.6.8</li> <li>• Automation hub 4.10.1</li> <li>• Event-Driven Ansible 1.1.4</li> <li>• Container-based installer Ansible Automation Platform (bundle) 2.5-10</li> <li>• Container-based installer Ansible Automation Platform (online) 2.5-10</li> <li>• Receptor 1.5.1</li> <li>• RPM-based installer Ansible Automation Platform (bundle) 2.5-8.1</li> <li>• RPM-based installer Ansible Automation Platform (online) 2.5-8</li> </ul>

CSV Versions in this release:

- Namespace-scoped Bundle: **aap-operator.v2.5.0-0.1738808953**
- Cluster-scoped Bundle: **aap-operator.v2.5.0-0.1738809624**

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

## 10.17.1. New Features

### 10.17.1.1. Ansible Automation Platform

- Keycloak now allows for the configuration of the claim key/name for the field containing a user's group membership returned in the ID token and/or user info data. This can be configured by setting the **GROUPS CLAIM** configuration value on a per-authenticator plugin basis as was done for the OIDC plugin.(AAP-38720)

## 10.17.2. Enhancements

### 10.17.2.1. General

- The **ansible.controller** collection has been updated to 4.6.8.(AAP-39848)
- **ansible.platform** collection has been updated to 2.5.20250213.(AAP-39740)
- **ansible.eda** collection has been updated to 2.4.0.(AAP-39577)

### 10.17.2.2. Ansible Automation Platform

- It is now possible to configure automation hub without Redis PVC.(AAP-39600)

### 10.17.2.3. Automation controller

- This release sees the addition of **client\_id** and **client\_secret** fields to the Insights credential to support service accounts via console.redhat.com.(AAP-36565)
- You are now able to specify the input for the **client\_id** and **client\_secret** for the insights credential via the **awx.awx.credential\_type** module.(AAP-37441)
- Updated **awxkit** by adding service account support for Insights credential type, specifically adding the fields **client\_id** and **client\_secret** to **credential\_input\_fields**.(AAP-39352)

### 10.17.2.4. Automation execution environments

- The **file** command has been added to **ee-minimal** and **ee-supported** container images.(AAP-40009)

## 10.17.3. Bug fixes

### 10.17.3.1. Migration

- Fixed an issue where after upgrading Ansible Automation Platform from 2.4 to 2.5, many of the surveys that had multiple choice options displayed a blank space in the drop down menu.(AAP-35093)

### 10.17.3.2. Ansible Automation Platform

- Fixed a bug in the collections token module where it was unable to find an application if multiple organizations had the same application name.(AAP-38625)

- Fixed an issue where upgrading Ansible Automation Platform 2.5 caused an occasional internal server error for all users with Event-Driven Ansible and Automation hub post upgrade.(AAP-39293)
- Fixed an issue where the administrator was not allowed to configure auto migration of legacy authenticators.(AAP-39949)
- Fixed an issue where there were two launch/relaunch icons displayed from the jobs list for failed jobs.(AAP-38483)
- Fixed an issue where the **Schedules Add** wizard returned a **RequestError Not Found**.(AAP-37909)
- Fixed an issue where the **EC2 Inventory Source** type required credentials, which is not necessary when using IAM instance profiles.(AAP-37346)
- Fixed an issue when attempting to assign the **Automation Decisions - Organization Admin** role to a user in an organization resulted in the error, **Not managed locally, use the resource server instead**. Administrators can now be added by using the **Organization → Administrators** tab. (AAP-37106)
- Fixed an issue where when updating a workflow node, the Job Tags were lost and Skip Tags were not saved.(AAP-35956)
- Fixed an issue where new users who logged in with legacy authentication were not merged when switching to Gateway authentication.(AAP-40120)
- Fixed an issue where the user was unable to link legacy SSO accounts to Gateway.(AAP-40050)
- Fixed an issue where updating Ansible Automation Platform to 2.5 caused an Internal Service Error for all users with Event-Driven Ansible and Automation hub post upgrade. The migration process will now detect and fix users who were created in services via JWT auth and improperly linked to the service instead of the platform gateway.(AAP-39914)

#### 10.17.3.3. Ansible Automation Platform Operator

- Fixed an issue where **AnsibleWorkflow** custom resources would not parse and utilize **extra\_vars** if specified.(AAP-39005)

#### 10.17.3.4. Automation controller

- Fixed an issue where when an Azure credential was created using **awxkit**, the creation failed because the parameter **client\_id** was added to the input fields while the API was not expecting it.(AAP-39846)
- Fixed an issue where the job schedules were running at incorrect times when that schedule's start time fell within a Daylight Saving Time period.(AAP-39826)

#### 10.17.3.5. Automation hub

- Fixed an issue where the use of empty usernames and passwords when creating a remote registry was not allowed.(AAP-26462)

#### 10.17.3.6. Container-based Ansible Automation Platform

- Fixed an issue where the containerized installer had no preflight check for the Postgres version of an external database.(AAP-39727)
- Fixed an issue where the containerized installer could not register other peers in the database. (AAP-39470)
- Fixed an issue where there was a missing installation user UID check.(AAP-39393)
- Fixed an issue where Postgresql connection errors would be hidden during its configuration. (AAP-39389)
- Fixed an issue in the preflight check regression when the TLS private key provided is not an RSA type.(AAP-39816)

#### 10.17.3.7. Event-Driven Ansible

- Fixed an issue where the **Generate extra vars** button did not handle file/env injected credentials.(AAP-36003)

#### 10.17.3.8. Known Issues

- In the platform gateway, the tooltip for **Projects → Create Project - Project Base Path** is undefined.(AAP-27631)
- Deploying the platform gateway on FIPS enabled RHEL 9 is currently not supported.(AAP-39146)

### 10.18. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 29, 2025

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

#### 10.18.1. Enhancements

##### 10.18.1.1. Ansible Automation Platform

- Using PostgreSQL TLS certificate authentication with an external database is now available. (AAP-38400)

##### 10.18.1.2. Event-Driven Ansible

- The **ansible.eda** collection has been updated to 2.3.1.(AAP-39057)
- Users are now able to create a new Event-Driven Ansible credential by copying an existing one. (AAP-39249)
- Added support for **file** and **env** injectors for credentials.(AAP-39091)

##### 10.18.1.3. RPM-based Ansible Automation Platform

- Implemented certificate authentication support (mTLS) for external databases.
  - Postgresql TLS certificate authentication is available for external databases.

- Postgresql TLS certificate authentication can be turned on/off (off by default for backward compatibility).
- Each component, automation controller, Event-Driven Ansible, platform gateway, and automation hub, now provides off the shelf (OTS) TLS certificate and key files (mandatory).(AAP-38400)

## 10.18.2. Bug fixes

### 10.18.2.1. CVE

With this update, the following CVEs have been addressed:

- [CVE-2024-56326 python3.11-jinja2](#): Jinja has a sandbox breakout through indirect reference to format method.(AAP-38852)
- [CVE-2024-56374 ansible-lightspeed-container](#): Potential denial-of-service vulnerability in IPv6 validation.(AAP-38647)
- [CVE-2024-56374 python3.11-django](#): potential denial-of-service vulnerability in IPv6 validation.(AAP-38630)
- [CVE-2024-53907 python3.11-django](#): Potential denial-of-service in django.utils.html.strip\_tags().(AAP-38486)
- [CVE-2024-56201 python3.11-jinja2](#): Jinja has a sandbox breakout through malicious filenames. (AAP-38331)
- [CVE-2024-56374 automation-controller](#): Potential denial-of-service vulnerability in IPv6 validation.(AAP-38648)
- [CVE-2024-56201 automation-controller](#): Jinja has a sandbox breakout through malicious filenames.(AAP-38081)
- [CVE-2024-56326 automation-controller](#): Jinja has a sandbox breakout through indirect reference to format method.(AAP-38058)

### 10.18.2.2. Automation controller

- Fixed an issue where the order of source inventories was not respected by the collection **ansible.controller**.(AAP-38524)
- Fixed an issue where an actively running job on an execution node may have had its folder deleted by a system task. This fix addresses some **Failed to JSON parse a line from worker stream** type errors.(AAP-38137)

### 10.18.2.3. Container-based Ansible Automation Platform

- The inventory file variable **postgresql\_admin\_username** is no longer required when using an external database. If you do not have database administrator credentials, you can supply the database credentials for each component in the inventory file instead.(AAP-39077)

### 10.18.2.4. Event-Driven Ansible

- Fixed an issue where the application version in the **openapi** spec was incorrectly set.(AAP-38392)
- Fixed an issue where activations were not properly updated in some scenarios with a high load of the system. (AAP-38374)
- Fixed an issue where users were unable to filter **Rule Audits** by rulebook activation name.(AAP-39253)
- Fixed an issue where the input field of the injector configuration could not be empty.(AAP-39086)

#### 10.18.2.5. RPM-based Ansible Automation Platform

- Fixed an issue where setting **automatedacontroller\_max\_running\_activations** could cause the installer to fail. (AAP-38708)
- Fixed an issue where the platform gateway services are not restarted when a dependency changes.(AAP-38918)
- Fixed an issue where the platform gateway could not be setup with custom SSL certificates. (AAP-38985)

### 10.19. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 22, 2025

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

#### 10.19.1. Enhancements

##### 10.19.1.1. Ansible Automation Platform

- Legacy **Auth SSO URL** settings are now customizable if needed for gateway, controller, and hub overrides passed on the Ansible Automation Platform CR if provided. This is mainly useful if you are using a custom ingress controller.(AAP-37364)

#### 10.19.2. Bug fixes

##### 10.19.2.1. Ansible Automation Platform

- Fixed an issue where there was a **service\_id** mismatch between gateway and Event-Driven Ansible which was causing activation rulebooks to fail.(AAP-38172)



#### NOTE

This fix applies to OpenShift Container Platform only.

### 10.20. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE JANUARY 15, 2025

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

## 10.20.1. Enhancements

### 10.20.1.1. Ansible Automation Platform

- With this update, the **ansible.controller** collection has been updated to 4.6.6.(AAP-38443)
- Enhanced the **status API, /api/gateway/v1/status/**, from the **services** property within the JSON to an array. Consumers of this API can still request the previous format with a URL query parameter **service\_keys=true**.(AAP-37903)

### 10.20.1.2. Ansible Automation Platform Operator

- Added the ability to configure **topology\_spread\_constraints**, **node\_selector**, and **tolerations** for gateway deployments. (AAP-37193)

### 10.20.1.3. Container-based Ansible Automation Platform

- TLS certificate and key files are now validated during the preflight role execution.
  - If the TLS certificate file is provided then the TLS key file must be provided.
  - If the TLS key file is provided then the TLS certificate file must be provided.
  - Both TLS certificate and key modulus should match.(AAP-37845)

## 10.20.2. Bug fixes

### 10.20.2.1. CVE

With this update, the following CVEs have been addressed:

- [CVE-2024-52304](#) **python3.11-aiohttp: aiohttp** vulnerable to request smuggling due to incorrect parsing of chunk extensions.(AAP-36192)
- [CVE-2024-55565](#) **automation-gateway: nanoid** mishandles non-integer values.(AAP-37168)
- [CVE-2024-53908](#) **automation-controller: HasKey(lhs, rhs)** on Oracle.(AAP-36769)
- [CVE-2024-53907](#) **automation-controller: django.utils.html.strip\_tags()**.(AAP-36756)
- [CVE-2024-11407](#) **automation-controller: Denial-of-Service** through data corruption in **gRPC-C++**.(AAP-36745)
- [CVE-2024-52304](#) **ansible-lightspeed-container: aiohttp** vulnerable to request smuggling due to incorrect parsing of chunk extensions.(AAP-36185)
- [CVE-2024-56201](#) **ansible-lightspeed-container: Jinja** has a sandbox breakout through malicious filenames.(AAP-38079)

- [CVE-2024-56326 ansible-lightspeed-container](#): Jinja has a sandbox breakout through indirect reference to format method.(AAP-38056)
- [CVE-2024-11407 ansible-lightspeed-container](#): Denial-of-Service through data corruption in **gRPC-C++**.(AAP-36744)

### 10.20.2.2. Red Hat Ansible Automation Platform

- Fixed **not found** error that occurred occasionally when navigating through the form wizards. (AAP-37495)
- Fixed an issue where installing **ansible-core** no longer installs **python3-jmespath** on Red Hat Enterprise Linux 8.(AAP-18251)
- Fixed an issue where **ID\_KEY** attribute was improperly used to determine the username field in social auth pipelines.(AAP-38300)
- Fixed an issue where authenticator could create a **userid** and return a non-viable **authenticator\_uid**.(AAP-38021)
- Fixed an issue where a private key was displayed in plain text when downloading the OpenAPI schema file. This was not the private key used by gateway, but a random default key.(AAP-37843)

### 10.20.2.3. Automation controller

- Fixed an issue that did not allow sending **job\_lifecycle** logs to external aggregators.(AAP-37537)
- Fixed an issue where there was a date comparison mismatch for traceback from **host\_metric\_summary\_monthly** task.(AAP-37487)
- Fixed an issue where the scheduled jobs with count set to a **non-zero** value would run unexpectedly. (AAP-37290)
- Fixed an issue where a project's requirements.yml could revert to a prior state in a cluster. (AAP-37228)
- Fixed an issue where there would be an occasional error creating the event partition table before starting a job, when a large number of jobs were launched quickly. (AAP-37227)
- Fixed an issue where temporary receptor files were not cleaned up after a job completed on nodes. (AAP-36904)
- Fixed an issue where **POST** to **/api/controller/login/** via the gateway resulted in a fatal response.(AAP-33911)
- Fixed an issue when a job template was launched, the named URL returned a **404** error code. (AAP-37025)

#### 10.20.2.3.1. Container-based Ansible Automation Platform

- Fixed an issue where the receptor TLS certificate content was not validated during the preflight role execution ensuring that the **x509 Subject Alt Name**(SAN) field contains the required ISO Object Identifier (OID) 1.3.6.1.4.1.2312.19.1. (AAP-37880)

- Fixed an issue where the **Postgresql SSL** mode variables for controller, Event-Driven Ansible, gateway and automation hub were not validated during the preflight role execution. (AAP-37352)
- Fixed an issue where the Ansible Automation Platform containerized setup installation would upload collections when inventory growth in the AIO installation was used.(AAP-38372)
- Fixed an issue where the throttle capacity of controller in an AIO installation would allow for performance degradation.(AAP-38207)

#### 10.20.2.4. RPM-based Ansible Automation Platform

- Fixed an issue where adding a new automation hub host to an upgraded environment has caused the installation to fail. (AAP-38204)
- Fixed an issue where the link to the documents in the installer **README.md** was broken. (AAP-37627)
- Fixed an issue where the Gateway API status on Event-Driven Ansible proxy component returned **404** errors. (AAP-32816)

### 10.21. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE DECEMBER 18, 2024

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

#### 10.21.1. Enhancements

##### 10.21.1.1. Ansible Automation Platform

- Added help text to all missing fields in Ansible Automation Platform gateway and **django-ansible-base**. (AAP-37068)
- Consistently formatted sentence structure for **help\_text**, and provided more context in the help text where it was vague.(AAP-37016)
- Added dynamic preferences for usage by Automation Analytics.(AAP-36710)
  - **INSIGHTS\_TRACKING\_STATE**: Enables the service to gather data on automation and send it to Automation Analytics.
  - **RED\_HAT\_CONSOLE\_URL**: This setting is used to to configure the upload URL for data collection for Automation Analytics.
  - **REDHAT\_USERNAME**: Username used to send data to Automation Analytics.
  - **REDHAT\_PASSWORD**: Password for the account used to send data to Automation Analytics.
  - **SUBSCRIPTIONS\_USERNAME**: Username is used to retrieve subscription and content information.

- **SUBSCRIPTIONS\_PASSWORD**: Password is used to retrieve subscription and content information.
- **AUTOMATION\_ANALYTICS\_GATHER\_INTERVAL**: interval in seconds at which Automation Analytics gathers data.
- Added an enabled flag for turning authenticator maps on or off. (AAP-36709)
- **aap-metrics-utility** has been updated to 0.4.1. (AAP-36393)
- Added the setting **trusted\_header\_timeout\_in\_ns** to timegate **X\_TRUSTED\_PROXY\_HEADER** validation in the **django-ansible-base** libraries used by Ansible Automation Platform components. (AAP-36712)

### 10.21.1.2. Documentation updates

- With this update, the Ansible Automation Platform Operator growth topology and Ansible Automation Platform Operator enterprise topology have been updated to include s390x (IBM Z) architecture test support.

### 10.21.1.3. Event-Driven Ansible

- Extended the scope of the **log\_level** and debug settings. (AAP-33669)
- A project can now be synced with the Event-Driven Ansible collection modules. (AAP-32264)
- In the Rulebook activation create form, selecting a project is now required before selecting a rulebook.(AAP-28082)
- The **Create credentials** button is now visible irrespective of whether there are any existing credentials or not.(AAP-23707)

## 10.21.2. Bug fixes

### 10.21.2.1. General

- Fixed an issue where **django-ansible-base** fallback cache kept creating a **tmp** file even if the **LOCATION** was set to another path.(AAP-36869)
- Fixed an issue where the OIDC authenticator was not allowed to use the JSON key to extract user groups, or for a user to be modified via the new **GROUPS CLAIM** configuration setting. (AAP-36716)

With this update, the following CVEs have been addressed:

- [CVE-2024-11079](#) **ansible-core**: Unsafe Tagging Bypass via **hostvars** Object in Ansible-Core. (AAP-35563)
- [CVE-2024-53908](#) **ansible-lightspeed-container**: Potential SQL injection in **HasKey(lhs, rhs)** on Oracle.(AAP-36767)
- [CVE-2024-53907](#) **ansible-lightspeed-container**: Potential denial-of-service in **django.utils.html.strip\_tags()**.(AAP-36755)

- [CVE-2024-11483](#) which allowed users to escape the scope of their personal access **OAuth2** tokens, from read-scoped to read-write-scoped, in the gateway.(AAP-36261)

### 10.21.2.2. Red Hat Ansible Automation Platform

- Fixed an issue where when role user assignments were queried in the platform UI, the query is successful about 75% of the time.(AAP-36872)
- Fixed an issue where the user was unable to filter job templates by **label** in Ansible Automation Platform 2.5.(AAP-36540)
- Fixed an issue where it was not possible to open a job template after removing the user that created the template.(AAP-35820)
- Fixed an issue where the inventory source update failed, and did not allow selection of the inventory file.(AAP-35246)
- Fixed an issue where the **Login Redirect Override** setting was missing and not functioning as expected in Ansible Automation Platform 2.5.(AAP-33295)
- Fixed an issue where users were able to select a credential that required a password when defining a schedule.(AAP-32821)
- Fixed an issue where the job output did not show unless you switched tabs. This also fixed other display issues.(AAP-31125)
- Fixed an issue where adding a new Automation Decision role to a team did not work from the **Access Management → Teams** navigation path.(AAP-31873)
- Fixed an issue where migration was missing from Ansible Automation Platform.(AAP-37015)
- Fixed an issue where the gateway **OAuth** token was not encrypted at rest.(AAP-36715)
- Fixed an issue where the API forces the user to save a service with an API port even if one does not exist.(AAP-36714)
- Fixed an issue where the Gateway did not properly interpret SAML attributes for mappings.(AAP-36713)
- Fixed an issue where non-self-signed **certificate+key** pairs were allowed to be used in SAML authenticator configurations.(AAP-36707)
- Fixed an issue where the login page was not redirecting to **/api/gateway/v1** if a user was already logged in.(AAP-36638)

### 10.21.2.3. Ansible automation hub

- When configuring an **Ansible Remote** to sync collections from other servers, a requirements file is only required for syncs from Galaxy, and optional otherwise. Without a requirements file, all collections are synced.(AAP-31238)

#### 10.21.2.3.1. Container-based Ansible Automation Platform

- Fixed an issue that allowed automation controller nodes to override the **receptor\_peers** variable. (AAP-37085)

- Fixed an issue where the containerized installer ignored **receptor\_type** for automation controller hosts and always installed them as hybrid.(AAP-37012)
- Fixed an issue where Podman was not present in the task container, and the cleanup image task failed.(AAP-37011)
- Fixed an issue where only one automation controller node was configured with Execution/Hop node peers rather than all automation controller nodes.(AAP-36851)
- Fixed an issue where the automation controller services lost connection to the database, where the containers are stopped and the **systemd** unit does not try to restart.(AAP-36850)
- Fixed an issue where receptor\_type and **receptor\_protocol** variables validation checks were skipped during the preflight role execution.(AAP-36857)

#### 10.21.2.4. Event-Driven Ansible

- Fixed an issue where the url field of the event stream was not updated if **EDA\_EVENT\_STREAM\_BASE\_URL** setting changed. (AAP-33819)
- Fixed an issue where Event-Driven Ansible and automation controller fields were pre-populated with gateway credentials when **secret: true** is set on custom credentials.(AAP-33188)
- Fixed an issue where the bulk removal of selected role permissions disappeared when more than 4 permissions were selected.(AAP-28030)
- Fixed an issue where **Enabled options** had its own scrollbar on the **Rulebook Activation Details** page.(AAP-31130)
- Fixed an issue where the status of an activation was occasionally inconsistent with the status of the latest instance after a restart.(AAP-29755)
- Fixed an issue where importing a project from a non-existing branch resulted in the completed state instead of a Failed status.(AAP-29144)
- Fixed an issue with respect to the custom credential types where if the user clicked **The generate extra vars** before the **fields: key** in the input configuration it would create an empty line that is uneditable.(AAP-28084)
- Fixed an issue where the project sync would not fail on an empty or unstructured git repository. (AAP-35777)
- Fixed an issue where rulebook validation import/sync fails when a rulebook has a duplicated rule name.(AAP-35164)
- Fixed an issue where the Event Driven Ansible API allowed a credential's type to be changed. (AAP-34968)
- Fixed an issue where a previously failed project could be accidentally changed to **completed** after a resync.(AAP-34744)
- Fixed an issue where no message was recorded when a project did not contain any rulebooks. (AAP-34555)
- Fixed an issue where the name for credentials in the rulebook activation form field was not updated.(AAP-34123)

- Updated the message for the rulebook activation/event streams for better clarity.(AAP-33485)
- Fixed an issue where the source plugin was not able to use the **env vars** to establish a successful connection to the remote source.(AAP-35597)
- Fixed an issue in the collection where the activation module failed with a misleading error message if the rulebook, project, decision environment, or organization, could not be found. (AAP-35360)
- Fixed an issue where the validation a host specified as part of a container registry credential did not conform to container registry standards. The specified host was previously able to use a non-syntactically valid host (name or net address) and optional port value (**<valid-host>[:<port>]**). The validation is now applied when creating a credential as well as when modifying an existing credential regardless of fields being modified.(AAP-34969)
- Fixed an issue whereby multiple Red Hat Ansible Automation Platform credentials were being attached to activations.(AAP-34025)
- Fixed an issue where there was an erroneous dependency on the existence of an organization named **Default**.(AAP-33551)
- Fixed an issue where occasionally an activation is reported as running, before it is ready to receive events.(AAP-31225)
- Fixed an issue where the user could not edit auto-generated **injector vars** while creating Event-Driven Ansible custom credentials.(AAP-29752)
- Fixed an issue where in some cases the **file\_watch** source plugin in an Event-Driven Ansible collection raised the **QueueFull** exception.(AAP-29139)
- Fixed an issue where the Event-Driven Ansible database increased in size continuously, even if the database was unused. Addend the purge\_record script to clean up outdated database records.(AAP-30684)

## 10.22. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE DECEMBER 3, 2024

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

### 10.22.1. Enhancements

#### 10.22.1.1. Ansible Automation Platform

- Red Hat Ansible Lightspeed has been updated to 2.5.241127.(AAP-35307)
- **redhat.insights** Ansible collection has been updated to 1.3.0.(AAP-35161)
- **ansible.eda** collection has been updated to 2.2.0 in execution environment and decision environment images.(AAP-3398)

#### 10.22.1.2. Ansible Automation Platform Operator

- With this update, you can set PostgreSQL SSL/TLS mode to **verify-full** or **verify-ca** with the proper **sslrootcert** configuration in the automation hub Operator.(AAP-35368)

### 10.22.1.3. Container-based Ansible Automation Platform

- With this update, **ID** and **Image** fields from a container image are used instead of **Digest** and **ImageDigest** to trigger a container update.(AAP-36575)
- With this update, you can now update the registry URL value in Event-Driven Ansible credentials.(AAP-35085)
- With this update, the **kernel.keys.maxkeys** and **kernel.keys.maxbytes** settings are increased on systems with large memory configuration.(AAP-34019)
- Added **ansible\_connection=local** to the **inventory-growth file** and clarified its usage.(AAP-34016)

### 10.22.1.4. Documentation updates

- With this update, the Container growth topology and Container enterprise topology have been updated to include s390x (IBM Z) architecture test support.(AAP-35969)

### 10.22.1.5. RPM-based Ansible Automation Platform

- With this update, you can now update the registry URL value in Event-Driven Ansible credentials.(AAP-35162)

## 10.22.2. Bug fixes

### 10.22.2.1. General

With this update, the following CVEs have been addressed:

- [CVE-2024-52304](#) **automation-controller: aiohttp** vulnerable to request smuggling due to wrong parsing of chunk extensions.

### 10.22.2.2. Ansible Automation Platform Operator

- With this update, missing Ansible Automation Platform Operator custom resource definitions (CRDs) are added to the **aap-must-gather** container image.(AAP-35226)
- Disabled platform gateway authentication in the proxy configuration to prevent HTTP 502 errors when the control plane is down.(AAP-36527)
- The Red Hat favicon is now correctly displayed on automation controller and Event-Driven Ansible API tabs.(AAP-30810)
- With this update, the automation controller admin password is now reused during upgrade from Ansible Automation Platform 2.4 to 2.5.(AAP-35159)
- Fixed undefined variable **(\_controller\_enabled)** when reconciling an **AnsibleAutomationPlatformRestore**. Fixed automation hub Operator **pg\_restore** error on restores due to a wrong database secret being set.(AAP-35815)

### 10.22.2.3. Automation controller

- Updated the minor version of uWSGI to obtain updated log verbiage.(AAP-33169)
- Fixed job schedules running at the wrong time when the **rrule** interval was set to **HOURLY** or **MINUTELY**.(AAP-36572)
- Fixed an issue where sensitive data was displayed in the job output.(AAP-35584)
- Fixed an issue where unrelated jobs could be marked as a dependency of other jobs.(AAP-35309)
- Included pod anti-affinity configuration on default container group pod specification to optimally spread workload.(AAP-35055)

### 10.22.2.4. Container-based Ansible Automation Platform

- With this update, you cannot change the **postgresql\_admin\_username** value when using a managed database node.(AAP-36577)
- Added update support for PCP monitoring role.
- Disabled platform gateway authentication in the proxy configuration to prevent HTTP 502 errors when the control plane is down.
- With this update, you can use dedicated nodes for the Redis group.
- Fixed an issue where disabling TLS on platform gateway would cause installation to fail.
- Fixed an issue where disabling TLS on platform gateway proxy would cause installation to fail.
- Fixed an issue where platform gateway uninstall would leave container systemd unit files on disk.
- Fixed an issue where the automation hub container signing service creation failed when **hub\_collection\_signing=false** but **hub\_container\_signing=true**.
- Fixed an issue with the **HOME** environment variable for receptor containers which would cause a "Permission denied" error on the containerized execution node.
- Fixed an issue where not setting up the GPG agent socket properly when many hub nodes are configured, resulted in not creating a GPG socket file in **/var/tmp/pulp**.
- With this update, you can now change the platform gateway port value after the initial deployment.

### 10.22.2.5. Receptor

- Fixed an issue that caused a Receptor runtime panic error.

### 10.22.2.6. RPM-based Ansible Automation Platform

- Fixed an issue where the **metrics-utility** command failed to run after updating automation controller.
- Fixed the owner and group permissions on the **/etc/tower/uwsgi.ini** file.

- Fixed an issue where not having **eda\_node\_type** defined in the inventory file would result in backup failure.
- Fixed an issue where not having **routable\_hostname** defined in the inventory file would result in a restore failure.
- With this update, the **inventory-growth** file is now included in the RPM installer.
- Fixed an issue where the dispatcher service went into **FATAL** status and failed to process new jobs after a database outage of a few minutes.
- Disabled platform gateway authentication in the proxy configuration to allow access to the UI when the control plane is down.
- With this update, the Receptor data directory can now be configured using the **receptor\_datadir** variable.

## 10.23. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE NOVEMBER 18, 2024

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

### 10.23.1. Enhancements

- With this release, a redirect page has now been implemented that will be exhibited when you navigate to the root / for each component's stand-alone URL. The API endpoint remains functional. This affects Event-Driven Ansible, automation controller, Ansible Automation Platform Operator, and OpenShift Container Platform.

### 10.23.2. Bug fixes

#### 10.23.2.1. General

With this update, the following CVEs have been addressed:

[CVE-2024-9902](#) ansible-core: Ansible-core user may read/write unauthorized content.

[CVE-2024-8775](#) ansible-core: Exposure of sensitive information in Ansible vault files due to improper logging.

#### 10.23.2.2. Ansible Automation Platform

- Fixed an issue where the user was unable to filter out hosts on inventory groups where it returned a **Failed to load** options on Ansible Automation Platform UI.(AAP-34752)

#### 10.23.2.3. Execution Environment

- Update **pywinrm** to 0.4.3 in **ee-minimal** and **ee-supported** container images to fix Python 3.11 compatibility.(AAP-34077)

#### 10.23.2.4. Ansible Automation Platform Operator

- Fixed a syntax error when **bundle\_cacert\_secret** was defined due to incorrect indentation.(AAP-35358)
- Fixed an issue where the default operator catalog for Ansible Automation Platform aligned to cluster-scoped versus namespace-scoped.(AAP-35313)
- Added the ability to set tolerations and **node\_selector** for the Redis **statefulset** and the gateway deployment.(AAP-33192)
- Ensure the platform URL status is set when **Ingress** is used to resolve an issue with Microsoft Azure on Cloud managed deployments. This is due to the Ansible Automation Platform operator failing to finish because it is looking for OpenShift Container Platform routes that are not available on Azure Kubernetes Service.(AAP-34036)
- Fixed an issue where the Ansible Automation Platform Operator description did not render code block correctly.(AAP-34589)
- It is necessary to specify the **CONTROLLER\_SSO\_URL** and **AUTOMATION\_HUB\_SSO\_URL** settings in Gateway to fix the OIDC auth redirect flow.(AAP-34080)
- It is necessary to set the **SERVICE\_BACKED\_SSO\_AUTH\_CODE\_REDIRECT\_URL** setting to fix the OIDC auth redirect flow.(AAP-34079)

#### 10.23.2.5. Container-based Ansible Automation Platform

- Fixed an issue when the port value was not defined in the **gateway\_main\_url** variable, the containerized installer failed with incorrect execution environment image reference error.(AAP-34716)
- Fixed an issue where the containerized installer used port number when specifying the **image\_url** for a decision environment. The user should not add a port to image URLs when using the default value.(AAP-34070)

#### 10.23.2.6. RPM-based Ansible Automation Platform

- Fixed an issue where not setting up the **gpg** agent socket properly when multiple hub nodes are configured resulted in not creating a **gpg** socket file in **/var/run/pulp**.(AAP-34067)

#### 10.23.2.7. Ansible development tools

- Fixed an issue where missing data files were not included in the molecule RPM package.(AAP-35758)

### 10.24. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 28, 2024

The following enhancements and bug fixes have been implemented in this release of Ansible Automation Platform.

#### 10.24.1. Enhancements

##### 10.24.1.1. Ansible Automation Platform

- With this update, upgrades from Ansible Automation Platform 2.4 to 2.5 are supported for RPM and Operator-based deployments. For more information on how to upgrade, see [RPM upgrade and migration](#). (ANSTRAT-809)
  - Upgrades from 2.4 Containerized Ansible Automation Platform Tech Preview to 2.5 Containerized Ansible Automation Platform are unsupported.
  - Upgrades for Event-Driven Ansible are unsupported from Ansible Automation Platform 2.4 to Ansible Automation Platform 2.5.

#### 10.24.1.2. Ansible Automation Platform Operator

- An informative redirect page is now shown when you go to the automation hub URL root. (AAP-30915)

#### 10.24.1.3. Container-based Ansible Automation Platform

- The TLS Certificate Authority private key can now use a passphrase. (AAP-33594)
- Automation hub is populated with container images (decision and execution environments) and Ansible collections. (AAP-33759)
- The automation controller, Event-Driven Ansible, and automation hub legacy UIs now display a redirect page to the Platform UI rather than a blank page. (AAP-33794)

#### 10.24.1.4. RPM-based Ansible Automation Platform

- Added platform Redis to RPM-based Ansible Automation Platform. This allows a 6 node cluster for a Redis high availability (HA) deployment. Removed the variable **aap\_caching\_mtls** and replaced it with **redis\_disable\_tls** and **redis\_disable\_mtls** which are boolean flags that disable Redis server TLS and Redis client certificate authentication. (AAP-33773)
- An informative redirect page is now shown when going to automation controller, Event-Driven Ansible, or automation hub URL. (AAP-33827)

### 10.24.2. Bug fixes

#### 10.24.2.1. Ansible Automation Platform

- Removed the **Legacy external password** option from the **Authentication Type** list. (AAP-31506)
- Ansible Galaxy's **sessionauth** class is now always the first in the list of authentication classes so that the platform UI can successfully authenticate. (AAP-32146)
- [CVE-2024-10033](#) - **automation-gateway**: Fixed a Cross-site Scripting (XSS) vulnerability on the **automation-gateway** component that allowed a malicious user to perform actions that impact users.
- [CVE-2024-22189](#) - **receptor**: Resolved an issue in **quic-go** that would allow an attacker to trigger a denial of service by sending a large number of **NEW\_CONNECTION\_ID** frames that retire old connection IDs.

#### 10.24.2.2. Automation controller

- [CVE-2024-41989](#) - **automation-controller**: Before this update, in Django, if `floatformat` received a string representation of a number in scientific notation with a large exponent, it could lead to significant memory consumption. With this update, decimals with more than 200 digits are now returned as is.
- [CVE-2024-45230](#) - **automation-controller**: Resolved an issue in Python's Django `urlize()` and `urlizetrunc()` functions where excessive input with a specific sequence of characters would lead to denial of service.

#### 10.24.2.3. Automation hub

- Refactored the `dynaconf` hooks to preserve the necessary authentication classes for Ansible Automation Platform 2.5 deployments. (AAP-31680)
- During role migrations, model permissions are now re-added to roles to preserve ownership. (AAP-31417)

#### 10.24.2.4. Ansible Automation Platform Operator

- The port is now correctly set when configuring the platform gateway cache `redis_host` setting when using an external Redis cache. (AAP-33279)
- Added checksums to the automation hub deployments so that pods are cycled to pick up changes to the PostgreSQL configuration and galaxy server settings Kubernetes secrets. (AAP-33518)

#### 10.24.2.5. Container-based Ansible Automation Platform

- Fixed the uninstall playbook execution when the environment was already uninstalled. (AAP-32981)

## 10.25. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 14, 2024

The following fixes have been implemented in this release of Red Hat Ansible Automation Platform.

#### 10.25.1. Fixed issues

##### 10.25.1.1. Ansible Automation Platform

- Fixed an issue in platform gateway where examining output logs for UWSGI shows a message that can be viewed as insensitive. (AAP-33213)
- Fixed external Redis port configuration issue, which resulted in a `cluster_host` error when trying to connect to Redis. (AAP-32691)
- Fixed a faulty conditional which was causing managed Redis to be deployed even if an external Redis was being configured. (AAP-31607)
- After the initial deployment of Ansible Automation Platform, if you make changes to the automation controller, automation hub, or Event-Driven Ansible sections of the Ansible Automation Platform CR specification, those changes are now propagated to the component custom resources. (AAP-32350)

- Fixed addressing issues when the filter **keep\_keys** is used, all keys are removed from the dictionary. The **keepkey** fix is available in the updated **ansible.utils** collection. (AAP-32960)
- Fixed an issue in **cisco.ios.ios\_static\_routes** where the metric distance is to be populated in the **forward\_router\_address** attribute. (AAP-32960)
- Fixed an issue where Ansible Automation Platform Operator is not transferring metric settings to the controller. (AAP-32073)
- Fixed an issue where you have a schedule on a resource, such as a job template, that prompts for credentials, and you update the credential to be different from what is on the resource by default, the new credential is not submitted to the API and it does not get updated. (AAP-31957)
- Fixed an issue where setting **\*pg\_host=** without any other context no longer results in an empty HOST section of **settings.py** in controller. (AAP-32440)

## 10.25.2. Advisories

The following errata advisories are included in this release:

- [RHBA-2024:8079 - Product Release Update](#)
- [RHBA-2024:8084 - Container Release Update](#)
- [RHBA-2024:8096 - Cluster Scoped Container Release Update](#)
- [RHBA-2024:8141 - Setup Bundle Release Update](#)

## 10.26. ANSIBLE AUTOMATION PLATFORM PATCH RELEASE OCTOBER 7, 2024

The following enhancements and fixes have been implemented in this release of Red Hat Ansible Automation Platform.

## 10.26.1. Enhancements

- Event-Driven Ansible workers and scheduler add timeout and retry resilience when communicating with a Redis cluster. (AAP-32139)
- Removed the **MTLS** credential type that was incorrectly added. (AAP-31848)

## 10.26.2. Fixed issues

### 10.26.2.1. Ansible Automation Platform

- Fixed conditional that was skipping necessary tasks in the restore role, which was causing restores to not finish reconciling. (AAP-30437)
- Systemd services in the containerized installer are now set with restart policy set to **always** by default. (AAP-31824)
- **FLUSHDB** is now modified to account for shared usage of a Redis database. It now respects access limitations by removing only those keys that the client has permissions to. (AAP-32138)

- Added a fix to ensure default `extra_vars` values are rendered in the `Prompt on launch` wizard. (AAP-30585)
- Filtered out the unused `ANSIBLE_BASE_` settings from the environment variable in job execution. (AAP-32208)

### 10.26.2.2. Event-Driven Ansible

- Configured the setting `EVENT_STREAM_MTLS_BASE_URL` to the correct default to ensure MTLS is disallowed in the RPM installer. (AAP-32027)
- Configured the setting `EVENT_STREAM_MTLS_BASE_URL` to the correct default to ensure MTLS is disallowed in the containerized installer. (AAP-31851)
- Fixed a bug where the Event-Driven Ansible workers and scheduler are unable to reconnect to the Redis cluster if a primary Redis node enters a `failed` state and a new primary node is promoted. See the KCS article [Redis failover causes Event-Driven Ansible activation failures](#) that include the steps that were necessary before this bug was fixed. (AAP-30722)

### 10.26.3. Advisories

The following errata advisories are included in this release:

- [RHBA-2024:7756 - Product Release Update](#)
- [RHBA-2024:7760 - Container Release Update](#)
- [RHBA-2024:7766 - Cluster Scoped Container Release Update](#)
- [RHBA-2024:7810 - Setup Bundle Release Update](#)