



Red Hat CloudForms 4.7-Beta

Release Notes

Summary of new features, corrections, and known bugs for Red Hat CloudForms Management Engine 5.10

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Abstract

A summary of enhancements, known bugs, and support information for Red Hat CloudForms 4.7 Beta. If you have a suggestion for improving this guide or have found an error, please submit a Bugzilla report at <http://bugzilla.redhat.com> against Red Hat CloudForms Management Engine for the Documentation component. Please provide specific details, such as the section number, guide name, and CloudForms version so we can easily locate the content.

Table of Contents

1. INTRODUCTION	2
1.1. Getting Support	2
1.2. Red Hat CloudForms Life Cycle	2
2. MIGRATION CONSIDERATIONS	2
2.1. Migrating to a New Appliance	2
2.2. Migrating on the same appliance	2
3. TECHNOLOGY PREVIEW	3
4. ENHANCEMENTS	3
4.1. Maintenance	3
4.2. Providers	4
4.3. Administrative User Interface	4
4.4. Security	5
5. CHANGING THE USER INTERFACE LOCALE	5
5.1. User Interface Locales	5

1. INTRODUCTION

Red Hat CloudForms Management Engine (CFME) delivers the insight, control, and automation enterprises need to address the challenges of managing virtual environments, which are far more complex than physical ones. This technology enables enterprises with existing virtual infrastructures to improve visibility and control, and those just starting virtualization deployments to build and operate a well-managed virtual infrastructure.

Red Hat CloudForms 4.7 is comprised of a single component, the CloudForms Management Engine. It has the following feature sets:

- Insight: Discovery, Monitoring, Utilization, Performance, Reporting, Analytics, Chargeback, and Trending.
- Control: Security, Compliance, Alerting, Policy-Based Resource and Configuration Management.
- Automate: IT Process, Task and Event, Provisioning, Workload Management and Orchestration.
- Integrate: Systems Management, Tools and Processes, Event Consoles, CMDB, RBA, and Web Services.

1.1. Getting Support

If you experience difficulty with a procedure described in this documentation, visit the Red Hat Customer Portal at <http://access.redhat.com>. Through the customer portal, you can:

- Search or browse through a knowledgebase of technical support articles about Red Hat products
- Submit a support case to Red Hat Global Support Services (GSS)
- Access other product documentation

Red Hat also hosts a large number of electronic mailing lists for discussion of Red Hat software and technology. You can find a list of publicly available mailing lists at <https://www.redhat.com/mailman/listinfo>. Click on the name of any mailing list to subscribe to that list or to access the list archives.

1.2. Red Hat CloudForms Life Cycle

For an overview of the life cycle phases for Red Hat CloudForms and the status of support for this product, see [Red Hat Cloudforms Life Cycle](#).

2. MIGRATION CONSIDERATIONS

2.1. Migrating to a New Appliance

If you are migrating from an existing appliance to a new one, the target appliance must be able to accommodate the new 12 Gb resource profile used by Red Hat CloudForms 4.7, even if the source appliance only uses 8 Gb.

2.2. Migrating on the same appliance

If you are migrating from a previous version of Red Hat CloudForms to Red Hat CloudForms 4.7 using the same appliance, the resource profile will remain the same. Before installing or starting any providers, however, you must assess your memory needs and adjust the resource profile accordingly to avoid performance issues.

3. TECHNOLOGY PREVIEW

The following enhancements are available with this release of Red Hat CloudForms as technology preview only.



NOTE

For more information on the support scope for features marked as technology previews, see [Technology Preview Features Support Scope](#)

Alert Management

- Red Hat CloudForms can receive alerts from Prometheus in OpenShift Container Platform
- Alerts generated by Prometheus are visible in the Red Hat CloudForms user interface
- Ability to assign alerts to a user and add notes

Integration with ServiceNow CMDB

You can integrate Red Hat CloudForms into ServiceNow to enable authentication with an existing ServiceNow database and add/amend items in the ServiceNow database during state machine processing, such as the virtual machine provisioning state machine.

Red Hat Insights Plug-In

You can access Red Hat Insights directly from the Red Hat CloudForms appliance web user interface. Red Hat Insights is an automated service that provides information that helps you to rapidly identify key issues in your Red Hat CloudForms deployment.

4. ENHANCEMENTS

The following enhancements are available with Red Hat CloudForms 4.7 (CFME 5.10).

4.1. Maintenance

This release of Red Hat CloudForms contains the following new features and enhancements to the general functionality of Red Hat CloudForms:

- It is now possible to create a database dump from the **appliance_console** menu.
- It is now possible to specify AWS S3 as a backup destination for the Red Hat CloudForms database.
- It is now possible to export custom buttons by running the following command:

```
# rake evm:export:custom_buttons -- --directory <directory_name>
```

- It is now possible to use the **groupMembership** attribute for LDAP searches.
- It is now possible to collect logs for the Automate model and service dialogs.

- It is now possible to create a chargeback report in a global region for the same tenant across all sub-regions.
- It is now possible to initiate SmartState Analysis container image scans via the REST API.
- It is now possible to receive more detailed information about infrastructure providers via the REST API.
- It is now possible to delete datastores via the REST API.
- It is now possible to tag cloud network, subnets, flavors, availability zones, routers and security groups via the REST API.
- It is now possible to delete groups when the user in that group belong to another group.
- A new report is now available for the number of hypervisor cores.
- Common settings for appliances in the same zone are now inherited from the region.

4.2. Providers

Amazon EC2

This release of Red Hat CloudForms contains the following new features and enhancements for Amazon EC2 providers:

- It is now possible to add and remove volumes to and from instances.
- It is now possible to specify a custom endpoint for Amazon EC2 providers.

Ansible

This release of Red Hat CloudForms contains the following new features and enhancements for Ansible providers:

- Integration with external Ansible Tower workflows.
- RBAC controls are now available for playbooks, repositories, and credentials.

Microsoft Azure

This release of Red Hat CloudForms contains the following new features and enhancements for Microsoft Azure providers:

- It is now possible to perform targeted refresh of Microsoft Azure providers.

Red Hat Virtualization

This release of Red Hat CloudForms contains the following new features and enhancements for Red Hat Virtualization providers:

- It is now possible to unregister a virtual machine.
- It is now possible to use Sysprep to customize virtual machines provisioned through Red Hat Virtualization.

4.3. Administrative User Interface

This release of Red Hat CloudForms contains the following new features and enhancements for the administrative user interface:

- Additional currencies have been added as options for chargeback reports.
- It is now possible to export and import SmartState Analysis profiles.
- It is now possible to rename virtual machines from the administrative user interface.
- It is now possible to edit the settings of other appliances from the administrative user interface.
- It is now possible to receive a notification when a worker exceeds or is close to exceeding its memory threshold.

4.4. Security

This release of Red Hat CloudForms contains the following new features and enhancements for alerts and notifications:

- An event is now raised in CloudForms when a user logs in using external authentication for the first time.
- An event is now raised in CloudForms on a failed login attempt.

5. CHANGING THE USER INTERFACE LOCALE

Red Hat CloudForms allows you to change the locale of the user interface to one of several preset locales.

This procedure outlines how to change the user interface locale.

1. Navigate to **Settings** → **My Settings** from the navigation bar.
2. Select the user interface locale from the **Locale** list in the **Display Settings** area.
3. Click **Save**.

5.1. User Interface Locales

This table outlines the user interface locales provided in this release of Red Hat CloudForms.

Table 1. User Interface Locales

Locale	Language
English	English
Español	Spanish
Français	French
日本語	Japanese
简体中文	Simplified Chinese

