



Red Hat Ansible Inside 1.1

Red Hat Ansible Inside Installation Guide

Install and configure Red Hat Inside

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Abstract

Use Red Hat Ansible Inside to integrate Ansible automation within your applications using the Command Line Interfaces of the Ansible components.

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MAKING OPEN SOURCE MORE INCLUSIVE

Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see [our CTO Chris Wright's message](#).

CHAPTER 1. INSTALLING RED HAT ANSIBLE INSIDE

1.1. INTRODUCTION

Red Hat Ansible Inside 1.1 is a product bundle of Ansible Executor (runner), Ansible Core, Ansible Navigator, Ansible Builder and Ansible Execution Environments. Ansible Inside allows a Red Hat Partner to integrate Ansible automation within their application using the Command Line Interfaces of the Ansible components.

1.2. PREREQUISITES

Ansible Inside 1.1 requires a valid subscription to an Ansible Inside SKU and enablement of the corresponding Red Hat Subscription Manager (RHSM) repository.

Contact Red Hat customer support or Red Hat sales for purchasing or attaching an Ansible Inside subscription.

After a valid Ansible Inside subscription has been attached to your organization within Red Hat Subscription Manager, you can enable the required repository as follows:

- RHEL 8

```
sudo subscription-manager repos --enable=ansible-inside-1.1-for-rhel-8-x86_64-rpms
```

- RHEL 9

```
sudo subscription-manager repos --enable=ansible-inside-1.1-for-rhel-9-x86_64-rpms
```

After the repository is enabled, you can proceed with installing the Ansible components.

1.3. INSTALLATION

You can install the following Red Hat Ansible Inside 1.1 components using the Red Hat Subscription Manager (RHSM). Alternatively, you can download them from the Red Hat Registry.

- Ansible Core (installed via RHSM)
- Ansible Executor (runner) (installed via RHSM)
- Ansible Navigator (installed via RHSM)
- Ansible Builder (installed via RHSM)
- Ansible SDK (installed via RHSM)
- Ansible Execution Environment (Downloaded via Red Hat Registry)

You can install all the RHSM components as All-In-One or Individually.

1.3.1. All-In-One RHSM

To install all the components in one go, run the following command:


```
sudo dnf install ansible-navigator ansible-core ansible-builder ansible-runner ansible-sdk
```

1.3.2. Individual RHSM

You can install only the required components for your needs individually using the following commands:

Ansible Core

```
sudo dnf install ansible-core
```

Ansible Builder

```
sudo dnf install ansible-builder
```

Ansible Runner

```
sudo dnf install ansible-runner
```

Ansible Navigator

```
sudo dnf install ansible-navigator
```

Ansible SDK

```
sudo dnf install ansible-sdk
```

1.3.3. Download from the Red Hat Registry

Ansible Execution Environments are used in Ansible Inside as either a baseline to execute your Ansible automation with, or can be used with Ansible Builder to provide extended automation compatibility to suit your needs.

The Red Hat supported execution environments available are:

compatibility execution environment (ansible-automation-platform-24/ee-29-rhel8)

ee-29 contains ansible 2.9, for compatibility with playbooks and content written for previous versions of Ansible Automation Platform.

minimal execution environment (ansible-automation-platform-23/ee-minimal-rhel8)

ee-minimal is an automation execution environment for Red Hat Ansible Automation Platform. ee-minimal contains ansible-core 2.13.

supported execution environment (ansible-automation-platform-23/ee-supported-rhel8)

ee-supported is an automation execution environment for use with Red Hat Ansible Automation Platform. ee-supported contains ansible-core 2.13 and automation content collections supported by Red Hat.

Example of pull for an image

All the images can be pulled using Podman and other means. Here is an example of a Podman pull.

```
podman login registry.redhat.io
Username: {REGISTRY-SERVICE-ACCOUNT-USERNAME}
Password: {REGISTRY-SERVICE-ACCOUNT-PASSWORD}
Login Succeeded!
```

```
podman pull registry.redhat.io/ansible-automation-platform/ee-minimal-rhel8:2.13.4-1
```

Refer to catalog.redhat.com for other installation methods available.