



Red Hat Ansible Automation Platform 2.1

Installing the automation services catalog worker

Extend your Red Hat Ansible Automation Platform to connect with automation services catalog on cloud.redhat.com using the Ansible Automation Platform 2.0 Setup or Setup Bundle Installers

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Abstract

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Table of Contents

PREFACE	3
CHAPTER 1. INSTALLING THE AUTOMATION SERVICES CATALOG WORKER	4
1.1. PREREQUISITES	4
1.2. ADDING HOST VARIABLES TO THE INSTALLER	4
1.3. RUNNING THE INSTALLER	6

PREFACE

You can extend Red Hat Ansible Automation Platform to connect with automation services catalog on cloud.redhat.com using the Ansible Automation Platform setup or setup bundle installer.

This is a Day 2 activity and requires setup of a **service account that has write permissions** on all basic resources/objects in automation controller: organizations, users, projects, job templates and inventories.

The Catalog worker requires a set of variables assigned to hosts in your Red Hat Ansible Automation Platform network. Running the Catalog worker will create an application and an application token, install the necessary packages, and start the service.

CHAPTER 1. INSTALLING THE AUTOMATION SERVICES CATALOG WORKER

You can use the following instructions to extend your Red Hat Ansible Automation Platform to connect to {Catalog} hosted service on cloud.redhat.com.

1.1. PREREQUISITES

- Automation controller and any instance group nodes associated with an organization service account specified in /inventory must be running on a RHEL 8.4 virtual machine.
- You have registered the RHEL 8.4 virtual machine with Red Hat Subscription Manager. Installation generates a certificate used to authenticate with cloud.redhat.com.
- You have attached the Ansible Automation Platform SKU to the Catalog Worker node.
- You have enabled SSH on the RHEL 8.4 virtual machine running the automation services catalog worker.
- Automation controller with at least one organization configured, including inventories, projects and job templates.
- A service account is created for each organization that has write permissions on all objects mentioned above. Application token is created when the installer is run and not required as a prerequisite.

1.2. ADDING HOST VARIABLES TO THE INSTALLER

Installing the automation services catalog worker requires adding **host vars** in the Red Hat Ansible Automation Platform installer used for installation parameters. The 'host_vars' files store parameter information for each host you specify. Refer to the parameters table below for all available and required parameters.

Table 1.1. Available **host_vars** parameters

Parameter	Required
servicescatalog_controller_hostname	
servicescatalog_controller_name	
servicescatalog_controller_user	Yes
servicescatalog_controller_password	Yes
servicescatalog_controller_validate_certs	
servicescatalog_http_proxy	
servicescatalog_https_proxy	

Parameter	Required
<code>servicescatalog_no_proxy</code>	

Procedure

1. Navigate to the Ansible Automation Platform setup or setup bundle installer directory.

```
# cd ansible-automation-platform-setup-<latest>
```

2. Create a new directory called **host_vars**:

```
# mkdir host_vars
```

3. Create a file for each required host. Examples with parameters for two hosts are included below.

- a. Service account on **localhost**:

```
# touch finance
```

```
ansible_connection: local
```

```
servicescatalog_controller_name: Finance
```

```
servicescatalog_controller_user: finance_sa
```

```
servicescatalog_controller_password: <password>
```

- b. Service account on an additional host:

```
# touch marketing
```

```
ansible_host: IP address
```

```
ansible_user: [User should have sudo access to install packages and write to system-level configuration files]
```

```
ansible_become: true
```

```
servicescatalog_controller_name: Marketing
```

```
servicescatalog_controller_user: marketing_sa
```

```
servicescatalog_controller_password: password
```

4. Save each file.

5. Open the **inventory** file in the Ansible Automation Platform installer:

```
# vi inventory
```

6. Add the **host_vars** for each host under **[servicescatalog_workers]**:

```
[servicescatalog_workers]
finance
marketing
```

7. Save the inventory file.

1.3. RUNNING THE INSTALLER

You can now proceed to run the installer.

- Run the Ansible Automation Platform setup script:

```
# ./setup.sh
```

Running the automation services catalog worker will create an application and an application token, install the necessary packages, connect to cloud.redhat.com, and start the service.

Verification

You can verify that the automation services catalog worker installed and connected to your automation service catalog, and that jobs ordered in automation service catalog run on automation controller.

Prerequisites

You are a Catalog Administrator and can create portfolios and add products to them.

1. Log in to cloud.redhat.com
2. Navigate to **Ansible Automation Platform** → **Automation Services Catalog**.
3. Click **Platforms**.
4. Locate the platforms associated with the hosts you created for your **host_vars**.
5. Click on a platform.
6. Verify that **inventory** and **templates** from your automation controller are included.