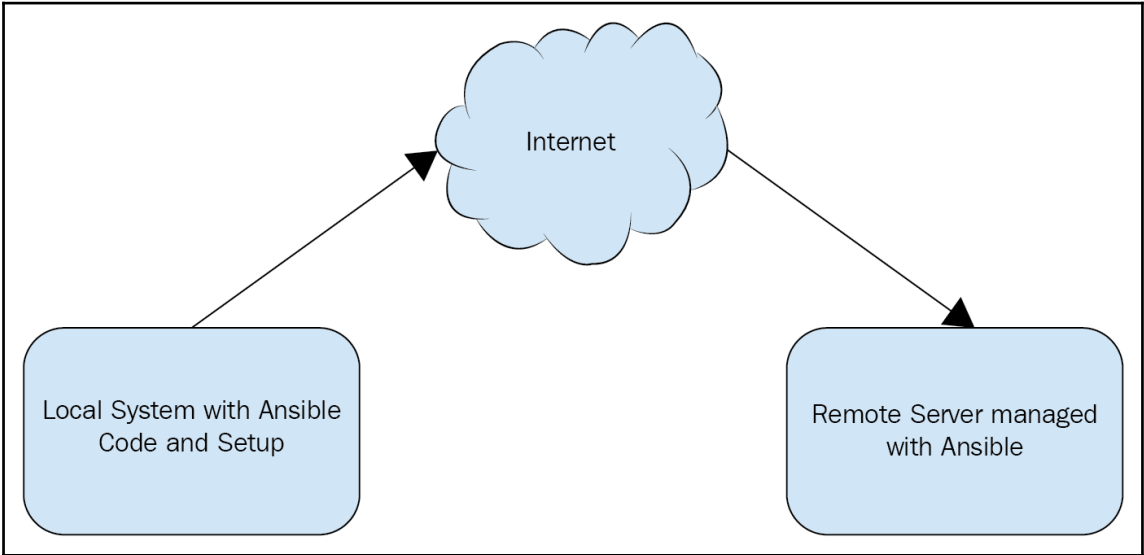
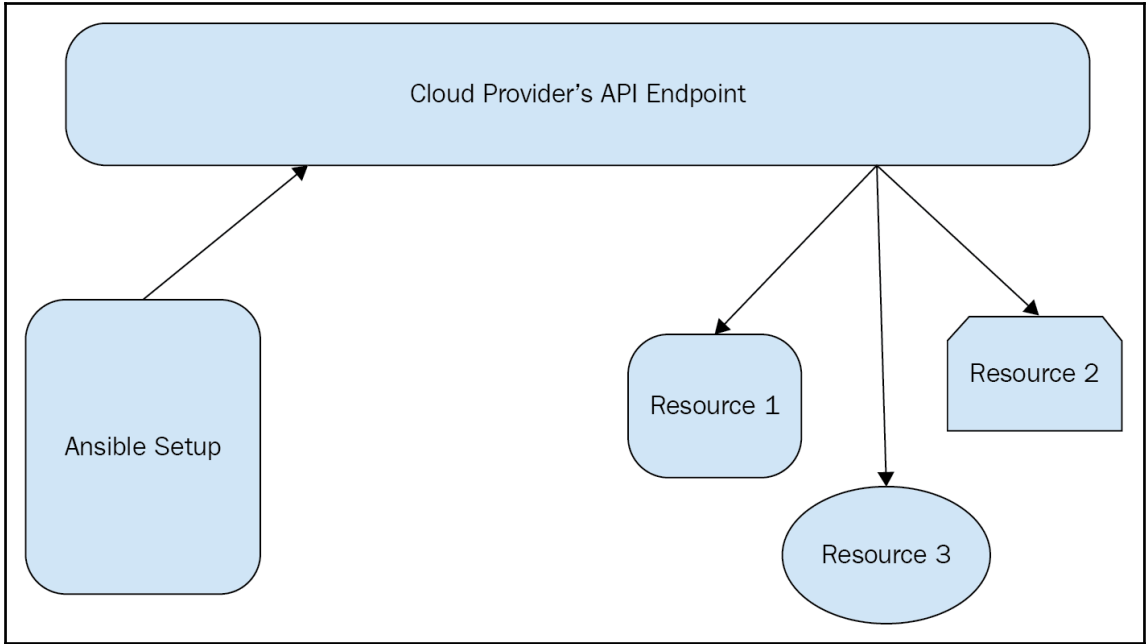


Chapter 1: Getting Started with Ansible and Cloud Management



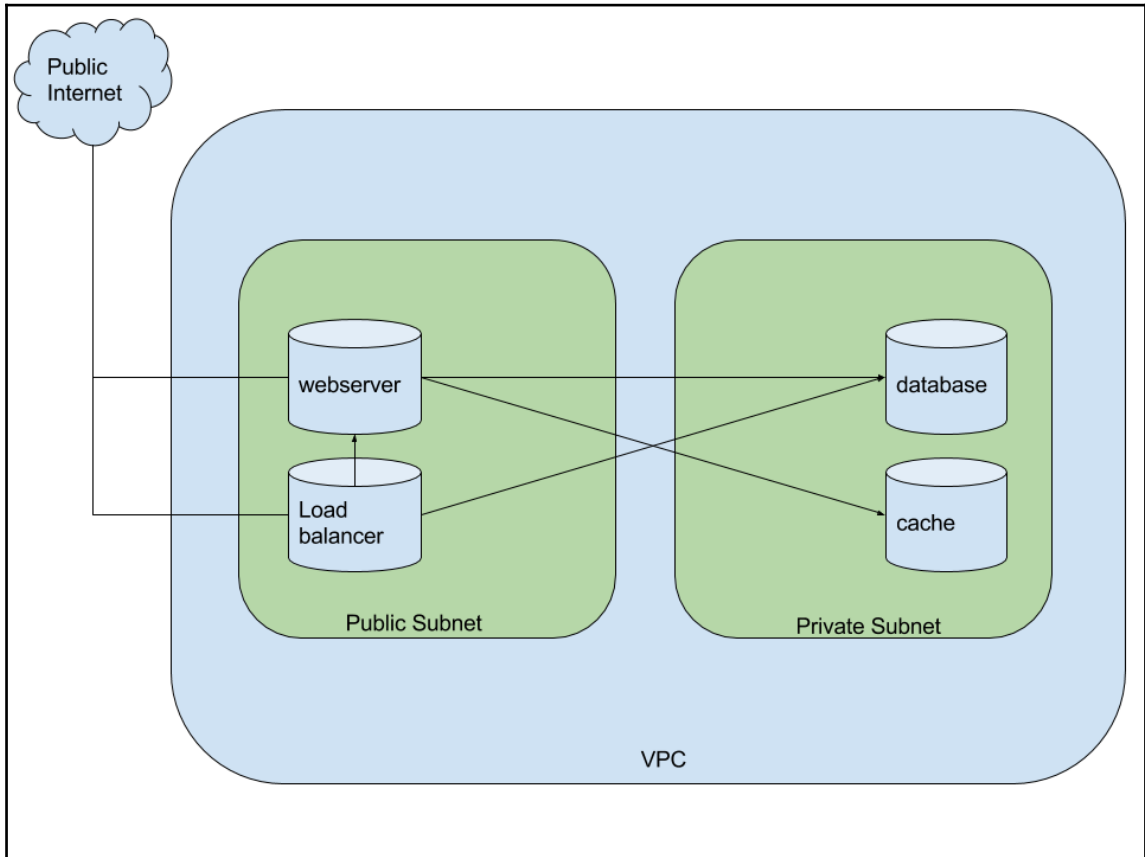


Phone Book

Contacts ([Add contact](#))

Name	Email	Phone
Alice	alice@example.com	+1-654-2345
Bob	bob@example.com	+1-876-4532

Chapter 2: Using Ansible to Manage AWS EC2



Chapter 4: Exploring Google Cloud Platform with Ansible

Create service account

Service account name [?] Role [?]

Service account ID

You don't have permission to furnish a new private key.

Furnish a new private key
Downloads a file that contains the private key. Store the file securely because this key can't be recovered if lost.

Key type






JSON
Recommended

P12
For backward compatibility with code using the P12 format

You don't have permission to modify the domain-wide delegation setting You don't have permission to modify the product name for the consent screen

Enable G Suite Domain-wide Delegation
Allows this service account to be authorized to access all users' data on a G Suite domain without manual authorization on their part. [Learn more](#)

CANCEL **CREATE**

 Storage	<h2>Settings</h2>
 Browser	Project Access Interoperability
 Transfer	
 Settings	<p>The Interoperability API lets you use HMAC authentication and lets Cloud Storage interoperate with tools written for other cloud storage systems. Turn on this API only if you require interoperable access for the current user. This API is enabled per project member, not per project. Each member can set a default project and maintain their own access keys.</p> <p>Request endpoint In the tools or libraries you use with other cloud storage systems like Amazon S3, change the request endpoint to use the Cloud Storage URI: https://storage.googleapis.com. Learn more</p> <p>Default project for interoperable access The default project is used with the Interoperability API for all create bucket and list bucket requests.</p> <p> logical-bolt-181411 is your default project for interoperable access</p> <p>Interoperable storage access keys Use an access key to authenticate yourself when making requests to Cloud Storage. The key is linked to your Google user account. Learn more</p> <p><input type="button" value="Create a new key"/></p>


Chapter 5: Building Infrastructure with Microsoft Azure and Ansible

Microsoft Azure



 New


 Dashboard

 All resources


 Resource groups


 App Services

 Function Apps

 SQL databases

 Azure Cosmos DB

















 Virtual machines

 Load balancers

 Storage accounts

 Virtual networks

 Azure Active Directory

 Overview
 Quick start
MANAGE
 Users and groups
 Enterprise applications
 Devices
 App registrations
 Application proxy
 Licenses
 Azure AD Connect
 Custom domain names
 Mobility (MDM and MAM)
 Password reset
 Company branding
 User settings
 Properties
 Notifications settings
SECURITY

Enterprise applications

Users can consent to apps accessing company data on their behalf **i** Yes No

Users can add gallery apps to their Access Panel **i** Yes No

App registrations

Users can register applications **i** Yes No

External users

Guest users permissions are limited **i** Yes No













Admins and users in the guest inviter role can invite **i** Yes No

Members can invite **i** Yes No

Guests can invite **i** Yes No

Administration portal

Restrict access to Azure AD administration portal **i** Yes No

 Overview
 Quick start
MANAGE
 Users and groups
 Enterprise applications
 Devices
 App registrations
 Application proxy
 Licenses
 Azure AD Connect
 Custom domain names
 Mobility (MDM and MAM)
 Password reset

Create a resource



* Name ⓘ

Enter the name of the application

Application type ⓘ

Web app / API



* Sign-on URL ⓘ

Enter the sign-on URL of the application

+ New application registration ☰ Endpoints ✕ Troubleshoot

To view and manage your registrations for converged applications, please visit the [Microsoft Application Console](#).

Search by name or Appld ✓


All apps



DISPLAY NAME

APPLICATION TYPE

APPLICATION ID




 **ansible**

Web app / API

6768d562-6810-4a19-b5aa-f70...

ansible ★ ✕

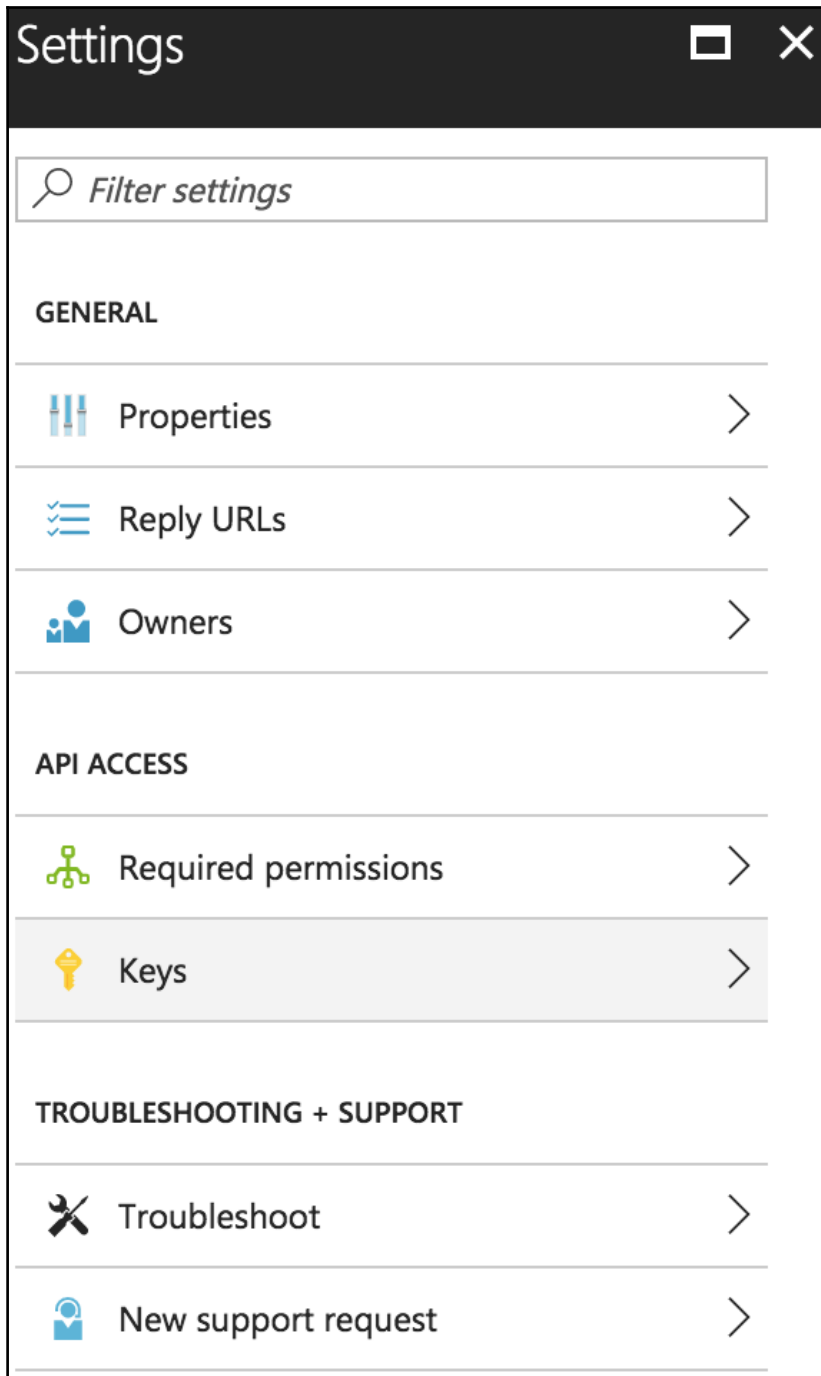
Registered app

 Settings  Manifest  Delete

Essentials ^

Display name	Application ID
ansible	6768d562-6810-4a19-b5aa-f707d80e6aac
Application type	Object ID
Web app / API	1517af78-9d29-4fc6-b250-83b43e026b7a
Home page	Managed application in local directory
https://example.org	ansible

[All settings →](#)



Keys □ ×

Save Discard Upload Public Key

Passwords

DESCRIPTION	EXPIRES	VALUE	
new_key	12/31/2299	Hidden	...

Settings □ ×

Filter settings

GENERAL

- Properties >
- Reply URLs >
- Owners >

Save X Discard

* Name ⓘ

ard isible

Object ID ⓘ

1517af78-9d29-4fc6-b250-83b43e026b7a


Application ID ⓘ

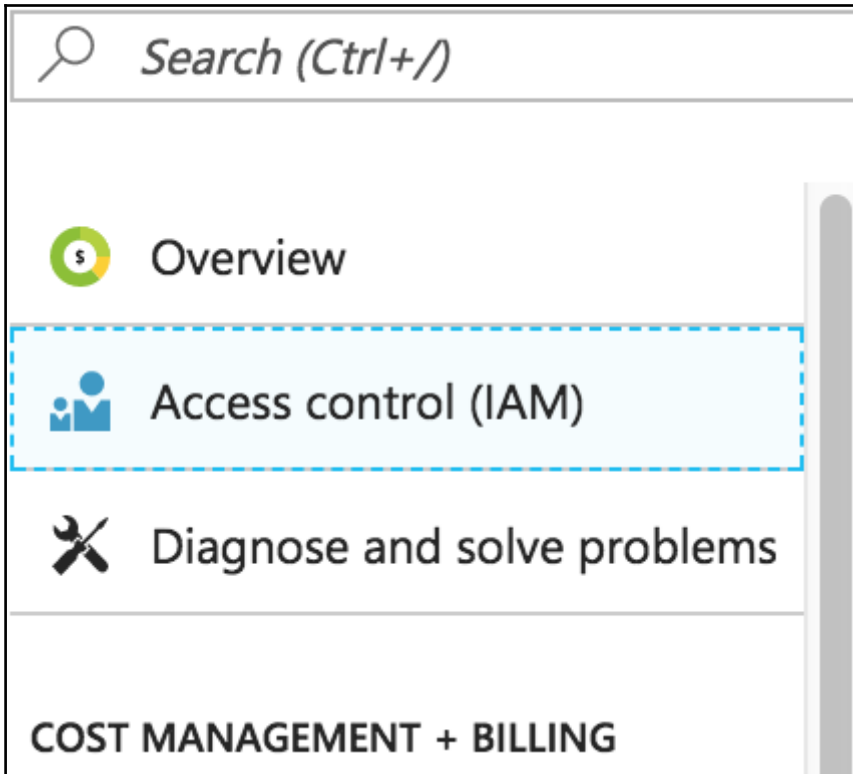
6768d562-6810-4a19-b5aa-f707d80e6aac

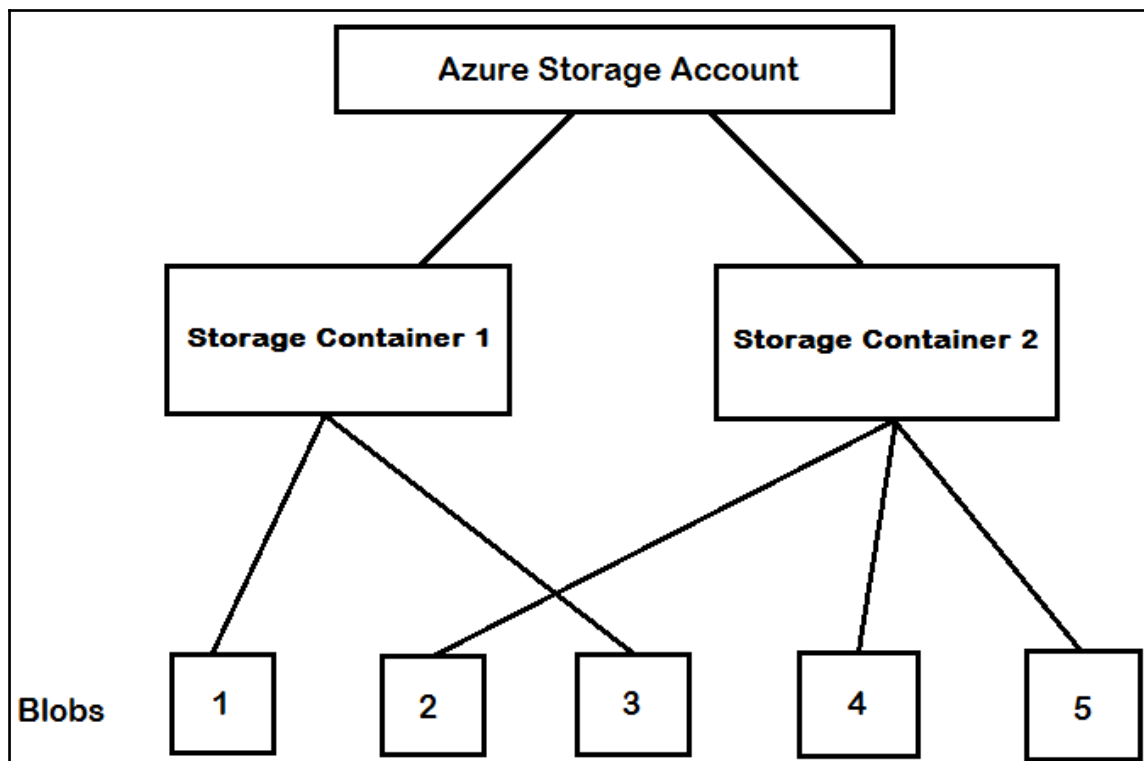
* App ID URI ⓘ

<https://vikas17agmail.onmicrosoft.com/a9a9...>

Logo







Chapter 6: Working with DigitalOcean and Ansible

New personal access token

Token name

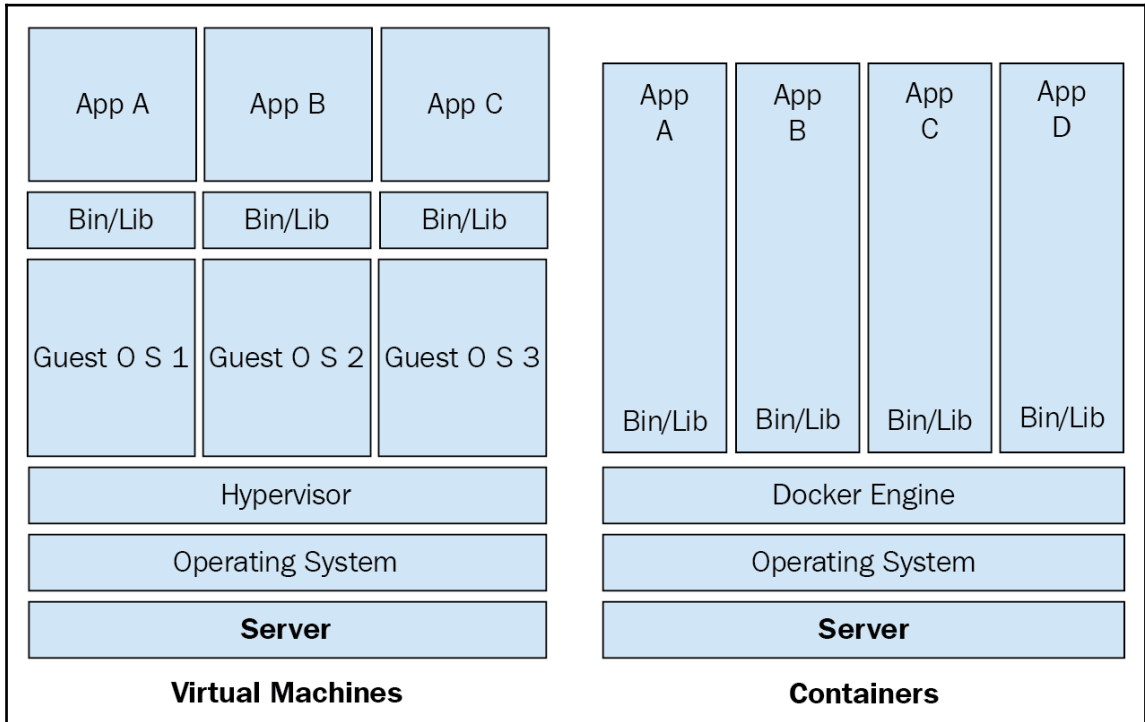
Enter token name
cookbook ✓

Select scopes

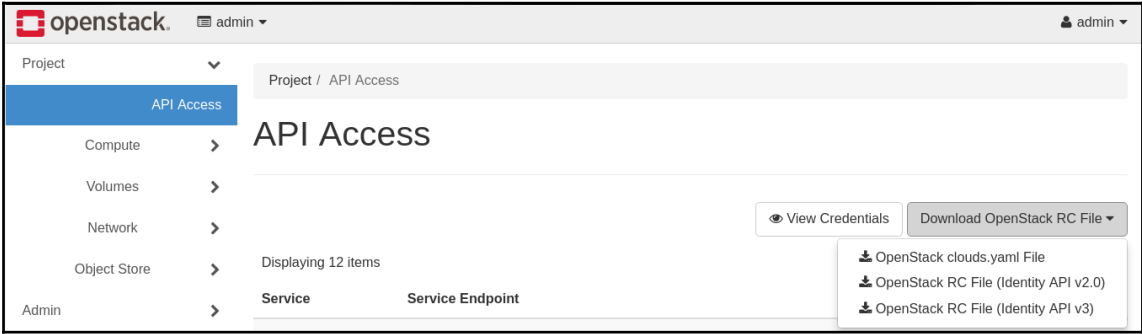
Read (default) Write (optional)

Generate Token

Chapter 7: Running Containers with Docker and Ansible



Chapter 8: Diving into OpenStack with Ansible



Chapter 9: Ansible Tower

TOWER LICENSE

Welcome to Ansible Tower! Please complete the steps below to acquire a license.

- 1 Please click the button below to visit Ansible's website to get a Tower license key.

REQUEST LICENSE

- 2 Choose your license file, agree to the End User License Agreement, and click submit.

* LICENSE FILE

BROWSE

license_1d480e67c7154c37883a5043951e148e.txt

* END USER LICENSE AGREEMENT

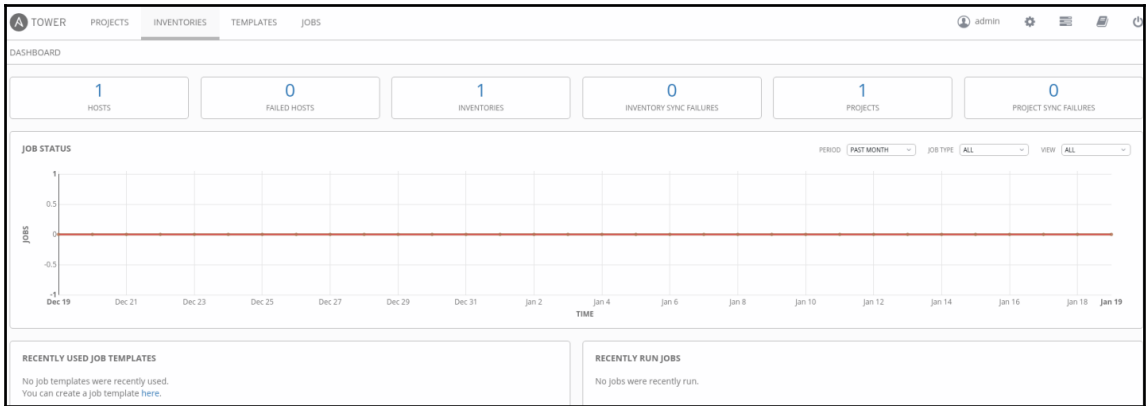
ANSIBLE TOWER BY RED HAT END USER LICENSE AGREEMENT

This end user license agreement ("EULA") governs the use of the Ansible Tower software and any related updates, upgrades, versions, appearance, structure and organization (the "Ansible Tower Software"), regardless of the delivery mechanism.

1. License Grant. Subject to the terms of this EULA, Red Hat, Inc. and its affiliates ("Red Hat") grant to you ("You") a non-

- I agree to the End User License Agreement

SUBMIT



SELECT CREDENTIAL TYPE

SEARCH

NAME ▲

- Amazon Web Services
- Ansible Tower
- Google Compute Engine
- Insights
- Machine

< 1 2 3 > PAGE 1 OF 3 ITEMS 1 - 5 OF 14

TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin

INVENTORIES / CREATE INVENTORY

NEW INVENTORY

DETAILS PERMISSIONS GROUPS HOSTS SOURCES COMPLETED JOBS

* NAME: DESCRIPTION: * ORGANIZATION:

INSIGHTS CREDENTIAL: INSTANCE GROUPS:

VARIABLES

```

1 ---
2 ansible_user: root

```

TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin

INVENTORIES / cookbook / RUN COMMAND

EXECUTE COMMAND

* MODULE: ARGUMENTS: LIMIT:

* MACHINE CREDENTIAL: * VERBOSITY: FORKS:

SHOW CHANGES: ENABLE PRIVILEGE ESCALATION

EXTRA VARIABLES

```

1 ---

```


TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin

JOBS / shell

RESULTS

NAME shell

STATUS ● Successful

STARTED 1/20/2018 2:59:28 AM

FINISHED 1/20/2018 2:59:36 AM

ELAPSED 8.68 seconds

MODULE ARGS date

INVENTORY cookbook

CREDENTIAL private-key

LAUNCHED BY admin

FORKS 0

STANDARD OUT

```
Identity added: /tmp/awx_4_0EkIVI/credential_2 (/tmp/awx_4_0EkIVI/credential_2)
159.65.15.11 | SUCCESS | rc=0 >>
Fri Jan 19 21:29:36 UTC 2018
```

TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin

SETTINGS / CREDENTIALS / EDIT CREDENTIAL

aws-credential

DETAILS PERMISSIONS

* NAME DESCRIPTION ORGANIZATION

* CREDENTIAL TYPE

TYPE DETAILS

* ACCESS KEY * SECRET KEY STS TOKEN

CANCEL SAVE

TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin

INVENTORIES / aws-primary / SOURCES

aws-primary

DETAILS PERMISSIONS GROUPS HOSTS SOURCES COMPLETED JOBS

SEARCH KEY SYNC ALL + ADD SOURCE

SOURCES	TYPE	ACTIONS
aws-primary	Amazon EC2	

TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin

PROJECTS / CREATE PROJECT

NEW PROJECT

DETAILS PERMISSIONS NOTIFICATIONS

* NAME:

DESCRIPTION:

* ORGANIZATION:

* SCM TYPE:

SOURCE DETAILS

* SCM URL:

SCM BRANCH/TAG/COMMIT:

SCM CREDENTIAL:

SCM UPDATE OPTIONS

- Clean
- Delete on Update
- Update on Launch

TOWER PROJECTS INVENTORIES TEMPLATES JOBS admin

TEMPLATES / CREATE JOB TEMPLATE

NEW JOB TEMPLATE

DETAILS PERMISSIONS NOTIFICATIONS COMPLETED JOBS

* NAME:

DESCRIPTION:

* JOB TYPE: PROMPT ON LAUNCH

* INVENTORY: PROMPT ON LAUNCH

* PROJECT:

* PLAYBOOK:

* CREDENTIAL: PROMPT ON LAUNCH

FORKS:

LIMIT: PROMPT ON LAUNCH

* VERBOSITY: PROMPT ON LAUNCH

INSTANCE GROUPS:

JOB TAGS: PROMPT ON LAUNCH

SKIP TAGS: PROMPT ON LAUNCH

LABELS:

SHOW CHANGES: PROMPT ON LAUNCH

database daily backup ✕

* NAME

* START DATE

* START TIME (HH24:MM:SS) : :

* LOCAL TIME ZONE

* REPEAT FREQUENCY

FREQUENCY DETAILS

* EVERY DAYS

* END

SCHEDULE DESCRIPTION

every day

OCCURRENCES (Limited to first 10) DATE FORMAT LOCAL TIME UTC

1/20/2018 00:00:00 UTC
 1/21/2018 00:00:00 UTC
 1/22/2018 00:00:00 UTC

OPTIONS

Enable Privilege Escalation ?

Allow Provisioning Callbacks ?

Enable Concurrent Jobs ?

Use Fact Cache ?

PROVISIONING CALLBACK URL ?

* HOST CONFIG KEY ?