Ansible Tower Quick Setup Guide

Release Ansible Tower 3.4.2

Red Hat, Inc.

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Thank you for your interest in Red Hat Ansible Tower. Ansible Tower is a commercial offering that helps teams manage complex multi-tier deployments by adding control, knowledge, and delegation to Ansible-powered environments.

The *Ansible Tower Quick Setup Guide* covers basic steps for using Ansible Tower and running your first playbook. This document has been updated to include information for the latest release of Ansible Tower 3.4.2.

We Need Feedback!

If you spot a typo in this documentation, or if you have thought of a way to make this manual better, we would love to hear from you! Please send an email to: docs@ansible.com

If you have a suggestion, try to be as specific as possible when describing it. If you have found an error, please include the manual's title, chapter number/section number, and some of the surrounding text so we can find it easily. We may not be able to respond to every message sent to us, but you can be sure that we will be reading them all!

Ansible Tower Version 3.4.2; March 06, 2019; https://access.redhat.com/

QUICK START

Welcome to the Ansible Tower Quick Start Guide. At the end of the Quick Start, you will have a functioning Tower application that you can use to launch more sophisticated playbooks. You can expect the Quick Start process to take less than thirty minutes.

To begin, you must install Tower and you must choose a target system where an initial playbook can be deployed (provided by Ansible Tower). This first playbook executes simple Ansible tasks, while teaching you how to use Tower, as well as ensuring its proper setup. This can be any sort of system manageable by Ansible, as described at: http://docs.ansible.com/intro_installation.html.

Note: Ansible Tower is available in several license types: Self-Support, Enterprise: Standard, and Enterprise: Premium. These licenses vary in price, support-levels, and features. Enterprise: Standard and Enterprise: Premium license users will have access to some extended Tower features that Self-Support users will not have available. For more information about licenses and features, refer to Licensing, Updates, and Support in the Tower Installation and Reference Guide.

This Quick Start Guide covers setting up with a Self-Support level license in mind. Features only available to Enterprise: Standard or Enterprise: Premium license users are noted as you go along.

LOGIN AS A SUPERUSER

Using the login information provided after your installation completed, open a web browser and log in to Tower by browsing to the Tower server URL at: https://<Tower server name>/

Refer to The Setup Playbook in the Tower Installation and Reference Guide for more information.

Tote: Tower installs a self-signed certificate for HTTPS communication which may require acceptance in yo rowser. Refer to the General Installation Notes in the <i>Tower Installation and Reference Guide</i> for help with replacing is certificate if needed.	
og in using the username and password set during the installation process. By default, this is username: <i>admin</i> ar assword: <i>password</i> .	ıd
hese defaults can be changed later by clicking the Users () icon from the left navigation bar.	
ANSIBLE TOWER by Red Hat"	
Welcome to Ansible Tower! Please sign in.	
USERNAME	
admin	
PASSWORD	
•••••	
SIGN IN	

THREE

IMPORT A LICENSE

Tower requires a valid license to run. If you did not receive a license from Ansible directly or via email, or have issues with the license you received, refer to http://www.ansible.com/license for free and paid license options (including free trial licenses) or contact Ansible via the Red Hat Customer portal at https://access.redhat.com/.

Note: To successfully add your license, you must be logged on as the Superuser. Otherwise, the operation will fail.

LICENSE MANAGEMENT
Choose your license file, agree to the End User License Agreement, and click submit.
* LICENSE FILE
BROWSE No file selected.
* 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
I agree to the End User License Agreement

To add your license:

1. Save your license (or save the license contents to a text file locally, if needed).



- 2. Click the Settings () icon from the left navigation bar and select the License tab from the Settings screen.
- 3. Click the **Browse** button and navigate to the location where the license file is saved to upload it. The uploaded license may be a plain text file or a JSON file, and must include properly formatted JSON code.
- 4. Once uploaded, check to agree to the End User License Agreement and click Submit.

Once your license has been accepted, Tower navigates you to the main Ansible interface for the Dashboard (which you can access by clicking on the Ansible Tower logo at the top left of the screen as well).

For later reference, you can view this license from the License tab of the Settings screen, accessible through the

Settings () icon from the left navigation bar.

ETAILS		LICENSE MANAGEMENT
ICENSE	Valid License	Choose your license file, agree to the End User License Agreement, and click submit.
ERSION	3.4.0	* LICENSE FILE
ICENSE TYPE	Enterprise	BROWSE No file selected.
UBSCRIPTION	Enterprise Tower Up To 30 Nodes	* END USER LICENSE AGREEMENT
ICENSE KEY	367ce98cba3e62f4c5665c567f60 18ec74fdb35530247d6e0bcbe75 3cbb8fa88	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,
XPIRES ON	01/01/2025	appearance, structure and organization (the "Ansible Tower Software"), regardless of the delivery mechanism.
IME REMAINING	2262 Days	1. License Grant. Subject to the terms of this EULA, Red Hat, Inc. and its affiliates ("Red Hat") grant to you ("You") a non-transferable, non- exclusive, worldwide, non-sublicensable, limited, revocable license to use the Ansible Tower Software for the term of the associated Red Hat
OSTS AVAILABLE	30	I agree to the End User License Agreement
OSTS USED	1	SUBMIT
OSTS REMAINING	29	
you are ready to up utton below	grade, please contact us by clicking the	

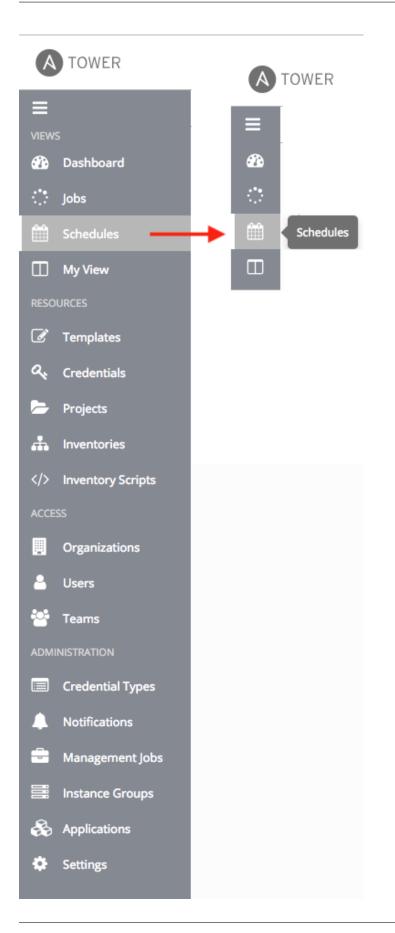
EXAMINE THE TOWER DASHBOARD

The Tower Dashboard offers a friendly graphical framework for your IT orchestration needs. Along the left side of the Tower Dashboard is the navigation menu, where you can quickly navigate to your **Projects**, **Inventories**, **Job**

Templates, and Jobs. Access to these elements are no longer in the settings (



Click on the Menu icon at the top of the left navigation and the navigation bar expands to show icons and labels; and collapses to show only the icons. View the labels without expanding the menu by hovering over the icons.





The very last item in the navigation bar is the Settings () icon, which provides access to the Tower configuration Settings.

🚽 Management Jobs	Authentication
Instance Groups	Jobs
🗞 Applications	System
🏟 Settings	User Interface

The Settings page allows administrators to configure authentication, jobs, system-level attributes and customize the user interface. Previous versions of Ansible Tower (3.2.x and older) provide the Settings menu at the top of the interface next to the user and logout buttons. Refer to Tower Configuration section for more detail. Additionally, you can now access the product license information from this page.

SETTINGS				
Authentication	Jobs	System	User Interface	License
Enable simplified login for your	Update settings pertaining to Jobs	Define system-level features and	Set preferences for data collection,	View and edit your license
Tower applications	within Tower	functions	logos, and logins	information

On the main Tower Dashboard screen, a summary appears listing your current **Job Status**. Also available for review are summaries of **Recently Used Templates** and **Recent Job Runs**.

	1 ноsts	O FAILED HO	STS	2 INVENTORIES	0 INVENTORY SYNC FAIL	URES 2 PROJECTS	0 PROJECT SYNC FAIL
JOE	STATUS					PERIOD PAST MONTH ~ JO	B TYPE ALL VIEW ALL
JOBS	9						
		Sep 25 Sep 27	Sep 29	Oct 1 Oct 3	Oct 5 Oct 7 Oct 9 TIME	Oct 11 Oct 13 (Oct 15 Oct 17 Oct 19
	ENTLY USED TEMPLATES				WALL RECENT JOB RUNS		
	IAME xample		ACTIVITY	ACTIO	NS NAME		10/22/2018 1:00
C	emo Job Template				Demo Job Templa	ate	10/20/2018 10:45
N	lew Template with Dependenci	es			Demo Job Templa	ate	10/18/2018 10:45
					Demo Job Templa	ate	10/16/2018 10:45
					Example		10/15/2018 1:00

Regardless of the window or action you're performing, the very top of each page next to the your user icon is the About () icon, which provides you the versions of Ansible Tower and Ansible you are currently running.

Note: Keep in mind that the goal of this Quick Start is to launch a simple playbook. To do this, a number of configuration options must be setup. Completing the quick start configuration tasks now ensures that Tower is configured properly and allows for easier executions of more involved playbooks later on.

FIVE

THE SETTINGS PAGE

To enter the Settings window for Ansible Tower, click the Settings icon at the bottom of the left navigation bar. This page allows you to modify your Tower's configuration, such as settings associated with authentication, jobs, system, user interface, and view or import your license.

SETTINGS									
Authentication Enable simplified login for Tower applications	your Update settings pertainin		User Interface and Set preferences for data collection, logos, and logins	License View and edit your license information					

For more information on configuring these settings, refer to Tower Configuration section of the Ansible Tower Administration Guide.

REVIEW THE ORGANIZATION

An organization is a logical collection of users, teams, projects, and inventories. It is the highest level object in the Tower object hierarchy.

From the left navigation bar, click the Organizations (

Note: Ansible Tower creates a default organization automatically. Users of Tower with a Self-support level license only have the default organization available and should **not** delete it. Users of older versions of Tower (prior to 2.2) will not see this default organization.

A	TOWER	💄 admin	0		ሳ
≡	ORGANIZATIONS				•
4					
0	ORGANIZATIONS			_	
益	SEARCH Q KEY			ŀ	3
	Default e e				
Ø					
a.	O USERS O TEAMS				
Þ	INVENTORIES PROJECTS				
	JOB TEMPLATES O ADMINS				
				ITEMS 1	1 - 1

A default organization has been automatically created and is available to all users of Ansible Tower. It can be used as is or edited later as needed.

For the purpose of this Quick Start Guide, leave the default organization as is and click Save.

Note: If you are using Ansible Tower with a Basic license, you must use the default organization. Only Enterprise or Premium Tower licenses have the ability to add new organizations beyond the default.

To edit the default organization later, expand its 'Properties' by clicking on the Edit () button and entering the appropriate details, then save your changes.

A	OWER			🛔 admin	0		ტ
≣	ORGANIZATIONS / Default						•
8 8 ்	Default DETAILS USERS NOTIFICATIONS					(8
	* NAME	DESCRIPTION	INSTANCE GROUPS @				
ି ଝ୍	Default		Q	0	ANCEL	SAVE	
► 	ORGANIZATIONS (1)					_	
	SEARCH	Q				+	
.	Default 🖉 🗎						
꺌	O USERS O TEAMS						
	INVENTORIES PROJECTS JOB TEMPLATES ADMINS						
						ITEMS 1	-1

Enterprise and Premium Tower license users who want to add a new organization should refer to the Organizations section in the Tower User Guide.

SEVEN

ADD A USER TO THE ORGANIZATION

Expand the Users details by clicking on the **Users** tab of the default organization you just saved (not from the left navigation bar).

A	тои	ER					-	admin	0		ტ
≡	0	RGANIZATIONS / Default / USERS									•
20 		Default DETAILS USERS NOTIFICATIONS									8
		SEARCH	Q		KEY					6	•
Ø		USER *			ROLE						
<i>a</i> ,		admin			SYSTEM ADMINISTR	RATOR					
► 										ITEMS 1	1 - 1
-		ORGANIZATIONS									
		SEARCH	Q	2	KEY					E	•
*		Default 🖉 🔋									
		O USERS O TEAMS									
		1 INVENTORIES 1 PROJECTS									
		JOB TEMPLATES ADMINS									
										ITEMS 1	1+1
٠											

- 1. To add a user, click the
- button.
- 2. Since other users have not yet been created, the "admin" user is the only user listed. Select the checkbox beside the "admin" user to select it for this organization. Doing so expands the lower part of the Wizard to assign roles to the selected user.

	TOWER		🏝 admin 🗾 🖒
≡	ORGANIZATIONS / Default / USERS		٢
626 .••	Default	DEFAULT ADD USERS ©	
் #	DETAILS USERS NOTIFICATION	SEARCH Q KEY	+ ADD
	USER *	USERNAME * FIRST NAME \$ LAST NAME \$	
h a	aamin	ПЕМS 1-1	ITEMS 1 - 1
	ORGANIZATIONS	2 Please assign roles to the selected users/teams KEY admin USER SELECT ROLES X	
#	SEARCH	CANCEL SAVE	+ ADD
	Default	2 8	
	O USERS O T	EAMS	

3. Click from the drop-down menu to select one or more roles for that user.

Note: For help on what the roles mean, click the **Key** button. For more information, refer to the Roles section of this guide.

	TOWER		🌲 admin 🚯 🗐 😃
≡	ORGANIZATIONS / Default / USERS		0
න ු	Default	DEFAULT ADD USERS O	
iii ⊡	DETAILS USERS NOTIF	SEARCH Q KEY	F
ି ୪	SEARCH	USERNAME * FIRST NAME * LAST NAME *	
Ф	admin	Please assign roles to the selected users/teams KEY	ITEMS 1 - 1
	ORGANIZATIONS 1	admin USER K Admin X	
۵	SEARCH	CANCEL SAVE	
**	Default		
	0 USERS 0		
	JOB TEMPLATES 0	ADMINS	
æ			ITEMS 1 - 1
۵			

In this example, the admin user has been selected and assigned the admin role within this organization.

4. When done, click **Save**.

After saving, the organization's user information becomes available for viewing and the new user you created appears on the list.

A	TOWER	🛔 admin	0		
≡	ORGANIZATIONS / Default / USERS				•
20 ்	Default			(8
	DETAILS USERS NOTIFICATIONS SEARCH Q KEY				
୮ ୧	USER * ROLE admin SYSTEM ADMINISTRATOR				
► 				ITEMS 1	- •1

EIGHT

CREATE A NEW INVENTORY AND ADD IT TO THE ORGANIZATION

An inventory is a collection of hosts managed by Tower. Inventories are assigned to organizations, while permissions to launch playbooks against inventories are controlled at the user and/or team level. For more information, refer to Inventories, Users - Permissions, and Teams - Permissions in the *Ansible Tower User Guide*.

To review existing inventories:





2. Click the button and select **Inventory** from the drop-down menu list. Smart Inventories are described in further detail in Smart Inventories.

A	TOWER			🛔 admin	0		Ċ
≣	INVENTORIES / CREATE INVENTORY						•
-							
ं	NEW INVENTORY					0	3
Ê	DETAILS PERMISSIONS GROUPS HOSTS	SOURCES COMPLETED JOBS					
	* NAME	DESCRIPTION	* ORGANIZATION				
Ø			Q Default				
a,		INSTANCE GROUPS 🔞					
>	٩	Q					
.	VARIABLES @ YAML JSON						
	1						
-							
*				CAN	CEL		

Ansible Tower provides a demo inventory for you to use as you learn how Tower works. Click on the "Demo Inventory" link for the stock inventory provided by Ansible Tower.

8.1 Groups and Hosts

Note that inventories are divided into groups and hosts. A group might represent a particular environment (e.g. "Datacenter 1" or "Stage Testing"), a server type (e.g. "Application Servers" or "DB Servers"), or any other representation of your environment. The groups and hosts that belong to the Demo inventory are shown in the **Groups** and **Hosts** tabs, respectively.

TOWER			🛔 admin 🚯 🛔	
INVENTORIES / Demo Inventory				0
Demo Inventory DETAILS PERMISSIONS GROUPS HOSTS * NAME Demo Inventory	SOURCES COMPLETED JOBS	* ORGANIZATION		٢
INSIGHTS CREDENTIAL Q VARIABLES @ YAML JSON 1				
			CANCEL	VE
In the Groups tab, click the	button to add groups to the	inventory.		
RETAILS PERMISSIONS GROUPS HOSTS S	SOURCES COMPLETED JOBS		RUN COMMANDS	*
	PLEASE ADD ITEMS TO THIS LIST			
. Similarly, in the Hosts tab, click	+	to groups.		
mo Inventory	+	to groups.		

RELATED GROUPS

HOSTS ^

🗆 💽 💿 📄 localhost

ACTIONS

d 🕅

ITEMS 1 · 1

Note: Prior to Ansible Tower 2.2, hosts could not be added to the Web Servers inventory before adding a group. If you are using an older version of Tower, click the "Plus" button above the 'Groups' section to add a group before adding a host.

For this example, suppose that the organization you created earlier has a group of web server hosts supporting the corporate CMS application. To add these hosts to the Web Servers inventory, create a "CMS Web" group. Click the **Save** button to create the group.

For the purposes of this Quick Start and to test that Tower is setup properly, a local host has been added for your use.

INVENTORIES / Demo Inventory / HOSTS / localhost	W
localhost ON	8
DETAILS FACTS GROUPS COMPLETED JOBS	
* HOST NAME @ DESCRIPTION	
localhost	
VARIABLES @ YAML JSON	
1 ansible_connection: local	
	CANCEL

Click **Cancel** (if no changes were made) or use the breadcrumb navigational links at the top of the Ansible Tower browser to return to the Inventories overview screen. Clicking **Save** does not exit the edit dialog.

NINE

CREATE A CREDENTIAL

Credentials authenticate the Tower user to launch Ansible playbooks, which can include passwords and SSH keys, against inventory hosts. You can also require the Tower user to enter a password or key phrase when a playbook launches using the credentials feature of Tower.

Create a new credential by clicking the Credentials (

) icon from the left navigation bar.

Note: When setting up additional credentials, keep in mind that the user you assign must have root access or be able to use SSH to connect to the host machine.

	TOWER			🛔 admin 🚯	ك
≡	CREDENTIALS				0
<i>6</i> 26					
0	CREDENTIALS				
雦	SEARCH	Q KEY			+
	NAME 🔶	KIND	OWNERS		ACTIONS
đ	Demo Credential	Machine	admin	dit.	4 0
a,					ITEMS 1 - 1

For the purpose of this Quick Start, a demo credential has been provided for your use.

Click on the "Demo Credential" link name or the Edit (

Demo Credential DETAILS PERMISSIONS		C
NAME Demo Credential	DESCRIPTION 🖗	ORGANIZATION Q SELECT AN ORGANIZATION
CREDENTIAL TYPE C Machine TYPE DETAILS		
USERNAME admin SSH PRIVATE KEY HINT: Drag and drop an SSH private key file on the field bek	PASSWORD Prompt on launce SHOW w.	h]
PRIVATE KEY PASSPHRASE Prompt on launch	PRIVILEGE ESCALATION METHOD	PRIVILEGE ESCALATION USERNAME
SHOW	~]
PRIVILEGE ESCALATION PASSWORD Prompt on launch SHOW		CANCEL SAVE

SETTING UP A PROJECT

A Project is a logical collection of Ansible playbooks, represented in Tower.

You can manage playbooks and playbook directories by either placing them manually under the Project Base Path on your Tower server, or by placing your playbooks into a source code management (SCM) system supported by Tower, including Git, Subversion, and Mercurial.

Note: It is recommended that, whenever possible, you use source control to manage your playbooks. This type of best practice provides the ability to treat your infrastructure as code and is in line with DevOps ideals. While this Quick Start Guide uses lightweight examples to get you up and running, we suggest using source control to manage playbook for production purposes.

To re	ev	iew existing projects o	or to create a new o	one, click the Proje	cts () icon from the left nav	vigat	ion ba	ar.
A	ТО	WER				🛔 admir	6		ტ
≡	F	PROJECTS							•
න ෙ ම	ſ	PROJECTS SEARCH		QKEY					+
		NAME 🔶	TYPE ≑	REVISION 🗢	LAST UPDATED 💠			ACTIO	NS
ି ୧ ୧		Demo Project	Git	347e44f 🗋	9/11/2018 9:57:47 PM	1	Q	_	聞 MS 1-1

Ansible Tower simplifies the getting started process by providing you with a Demo Project to work with initially.

Click on the "Demo Project" name link or click on the Edit () button to review the stock project provided by Ansible Tower.

PROJECTS / Demo Project			0
Demo Project DETAILS PERMISSIONS NOTIFICATIONS JOB TEM	PLATES SCHEDULES		8
* NAME Demo Project	DESCRIPTION	* ORGANIZATION Q Default	
* SCM TYPE Git *			
SOURCE DETAILS * SCM URL @	SCM BRANCH/TAG/COMMIT	SCM CREDENTIAL	
https://github.com/ansible/ansible-tower-samples	CACHE TIMEOUT (SECONDS)	Q	
Clean ♀ Delete on Update ♀ Update Revision on Launch ♥			
1		CANCEL	SAVE

Click **Cancel** (if no changes were made) or use the breadcrumb navigational links at the top of the Ansible Tower browser to return to the Inventories overview screen. Clicking **Save** does not exit the edit dialog.

Before this project can be used in a job template, you must manually start an SCM sync for this project. Update the



SCM-based demo project by clicking the

button under the project's available Actions:

PROJECTS				
SEARCH		Q KEY		+
NAME 🔺	TYPE 🗢	REVISION \$	LAST UPDATED 🗢	Get latest SCM revision ONS
O Demo Project	Git			e 🖸 🗠 🖻
				ITEMS 1 - 1

Note: Please note that immediately after adding new projects setup to use source control, a "sync" automatically starts that fetches the project details from the configured source control. Because the "Demo" project is pre-stocked, however, you must manually start the inventory sync in order for this project to be used in a job template.

Notice that the status dot beside the name of the project, the revision, and the last run information updates once the sync has completed.

PROJECTS					
SEARCH		QKEY			+
NAME 🔺	TYPE ≑	REVISION 🗢	LAST UPDATED 🗢		ACTIONS
Demo Project	Git	347e44f	9/11/2018 9:57:47 PM	I C	<i>6</i> 2 û
					ITEMS 1-1

ELEVEN

CREATE A NEW JOB TEMPLATE

A job template combines an Ansible playbook from a project and the settings required to launch it. Review existing



AT	OWER		admin 🛔	0		Ċ
≡	TEMPLATES				0	Ī
626						
0	TEMPLATES					
m	SEARCH	Q KEY			+	
	Demo Job Tem	Job Template				
Ø	INVENTORY	Demo Inventory				
a.	PROJECT	Demo Project	R	4	Û	
	CREDENTIALS	Q. Demo Credential				
-	LAST MODIFIED	10/3/2018 2:17:40 PM by admin				
đ.	Example Job Te	mpara				
	ACTIVITY					
	INVENTORY	New Inventory detail				
8	PROJECT	Project from Git	1	20	ŵ	
2	CREDENTIALS	Q. Demo Credential	Ħ	4		
쓭	LAST MODIFIED	10/10/2018 3:29:14 PM by admin				
	LAST RAN	10/10/2018 9:41:03 AM				
	LABELS	20				
4	New Template	with Dependencies sb Tampiate				
-	ACTIVITY					
=	INVENTORY	New Inventory detail				
&	PROJECT	Project from Git	R	ළු	Û	
	CREDENTIALS	4. Demo Credential				
٠	LAST MODIFIED	10/10/2018 11:11:12 AM by admin				
	LAST RAN	10/10/2018 11:11:12 AM				
	WF in WF Work	flow Template		-	_	
	LAST MODIFIED	10/8/2018 9:31:30 AM by admin	A	4	Ŵ	
	Workflow usin	g /T Workdow Template				
		10/5/2018 7:35:21 PM by admin	R	Ċ	Ŵ	
					ITEMS 1-5	

For the purpose of this Quick Start, a Demo Job Template has been created for your initial use.

Click on the "Demo Job Template" name link or click on the Edit () button to review the stock job template provided by Ansible Tower.

Demo Job Template					0
	COMPLETED JOBS	SCHEDULES ADD SURVEY			0
	com cereo job.				
* NAME		DESCRIPTION		* JOB TYPE 🔞	PROMPT ON LAUNCH
Demo Job Template				Run	.
* INVENTORY @	OMPT ON LAUNCH	* PROJECT @		* PLAYBOOK 😨	
Q Demo Inventory		Q Demo Project		hello_world.yml	•
CREDENTIAL @	OMPT ON LAUNCH	FORKS Ø			PROMPT ON LAUNCH
Q A Demo Credential X		DEFAULT	Ŷ		
* VERBOSITY @	OMPT ON LAUNCH	JOB TAGS 🚱	ROMPT ON LAUNCH	SKIP TAGS 🚱	PROMPT ON LAUNCH
0 (Normal)	-				
LABELS 🔞		INSTANCE GROUPS Ø		SHOW CHANGES @	PROMPT ON LAUNCH
		Q		OFF	
OPTIONS Enable Privilege Escalation () Allow Provisioning Callbacks () Enable Concurrent Jobs () Use Fact Cache () EXTRA VARIABLES () YAML ()SON					PROMPT ON LAUNCH
1					CANCEL SAVE

Click **Cancel** (if no changes were made) or use the breadcrumb navigational links at the top of the Ansible Tower browser to return to the Templates overview screen. Clicking **Save** does not exit the edit dialog.

TWELVE

LAUNCH IT!

From the Job Templates overview screen, click the Launch () button (under Actions) to run this Job Template.

A	TOWER	💄 admin	0		ტ
≡	TEMPLATES				•
0	TEMPLATES 1				
	SEARCH Q KEY			•	
	Demo Job Template Job Template				
Z					
a,	INVENTORY Demo Inventory	(
>	PROJECT Demo Project	(*	r) 4	Û	
	CREDENTIALS & Demo Credential				
*	LAST MODIFIED 9/11/2018 9:57:52 PM by admin				
	LAST RAN 9/11/2018 9:57:52 PM				
				ITEMS 1	- 1
2					

The initial job launch returns a status page which updates automatically using Tower's Live Event feature until the job is complete.

AT	OWER			🚨 admin 🚯 🗐 🔱
≡	JOBS / 17 - Demo Job T	femplate		
6 26				
$\langle 0 \rangle$	DETAILS	O. Bradien	* •	Demo Job Template
Ê	STARTED	 Pending Not Started 		
	FINISHED	Not Finished		JOB IS STILL RUNNING Q KEY
	JOB TEMPLATE	Demo Job Template		
Ø	JOB TYPE	Run		- ^ ~ & *
٩,	LAUNCHED BY	admin		
5	INVENTORY	Demo Inventory		
.	PROJECT	Demo Project		
	PLAYBOOK	hello_world.yml		
	CREDENTIAL	🔍 Demo Credential		
	EXTRA VARIABLES @	YAML JSON	EXPAND	
A	1			
쑵				
=				
8				
æ				
۰				

Once complete, the job results look like the following:

TOWER			🛔 admin 🚯 📓
JOBS / 8 - Demo Job Ter	mplate		
DETAILS STATUS STATUS TATUS JOB TEMPLATE JOB TEMPLATE JOB TYPE LAUNCHED BY INVINTORY PROJECT REVISION PLAYBOOK CREDENTIAL	Successful 9/11/2018 11:21:11 PM 9/11/2018 11:21:16 PM Demo job Template Run admin Demo Inventory Demo Project 3476447 C hello_world.yml	*	Demojob Template PLAYS TASKS PLAYS ELAPSIO CODDED ▲ × SEARCH Q KEY Q KEY Q KEY ~ 1 V 2 PLAYS TASKS PLAYS Q KEY ~ 1 V 2 PLAYS TASKS PLAYS D Q KEY ~ 1 V 2 PLAYS Image: Control of the state stat
INSTANCE GROUP EXTRA VARIABLES @	tower YMM: ISON	EXPAND	11 / 12 PEAR RECAP 27:21:16 13 localhost : ok=2 changed=0 unreachable=0 failed=0 14

For more details on the job results, refer to Jobs.

Congratulations! Your Tower installation is officially setup and running properly. To learn more about these Tower features or to learn about administration tasks, the Tower API, etc., refer to the following documentation sets:

- Ansible Tower User Guide
- Ansible Tower Installation and Reference Guide
- Ansible Tower Administration Guide
- Ansible Tower API Guide
- Ansible Tower Release Notes
- Ansible Documentation.

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CHAPTER FOURTEEN

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