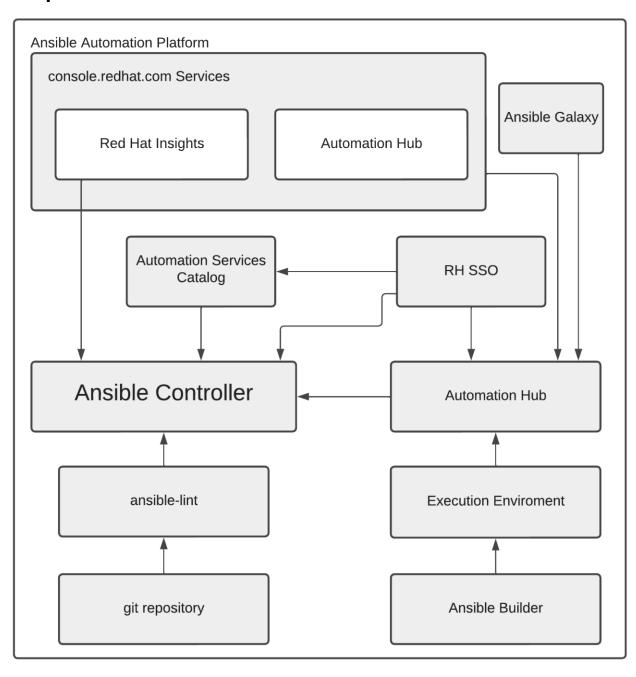
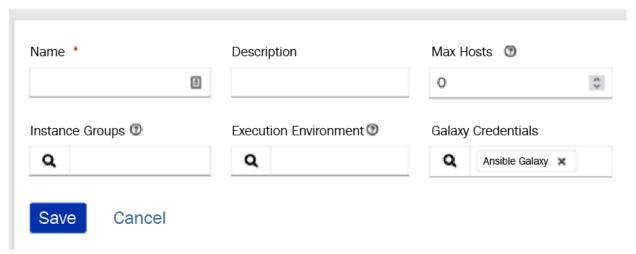
Chapter 1: Introduction to Ansible Automation Platform

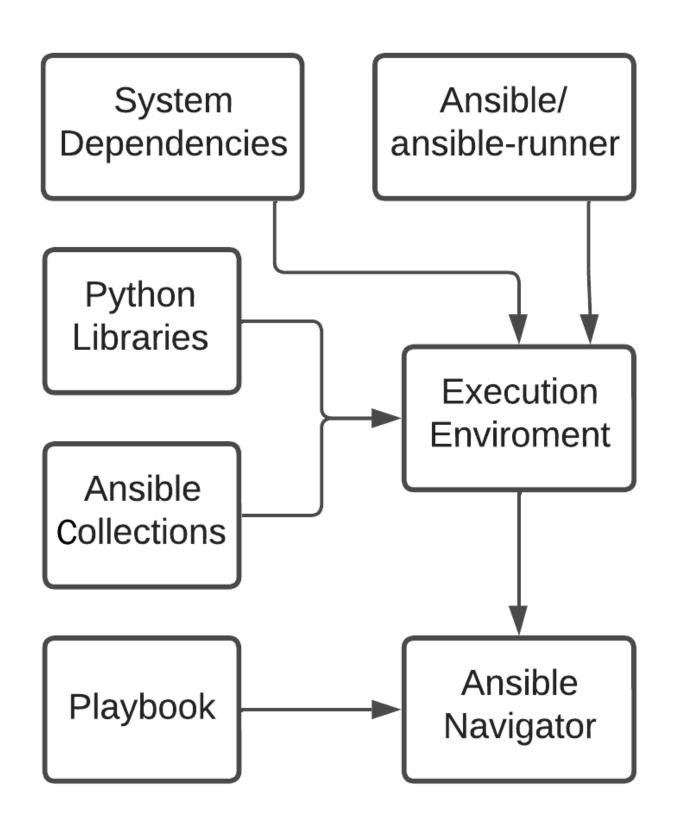


Organizations

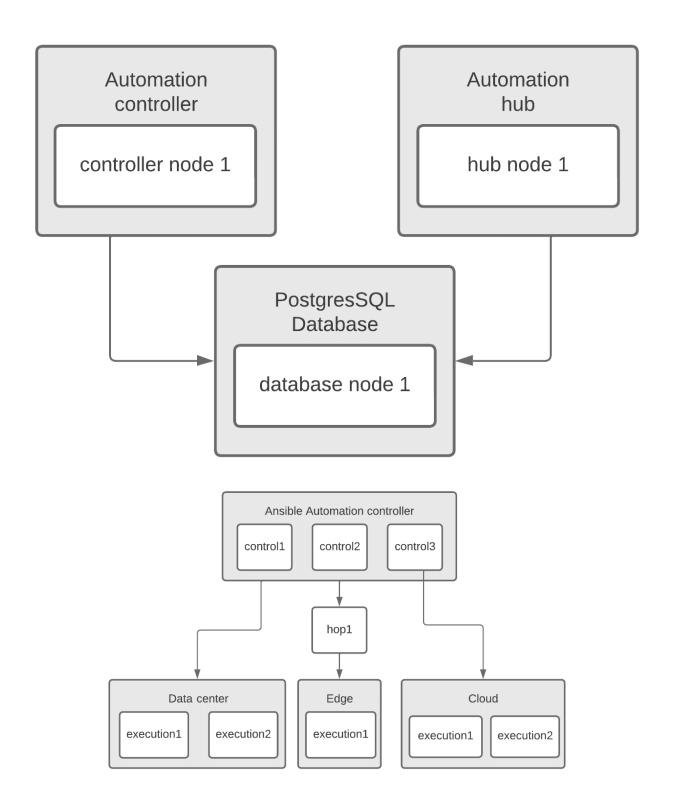
Create New Organization

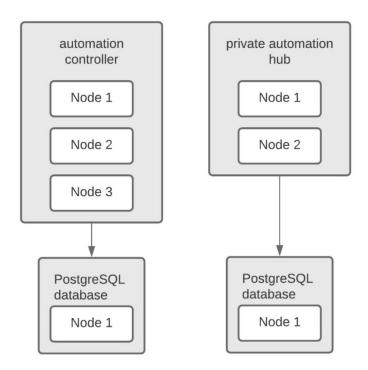


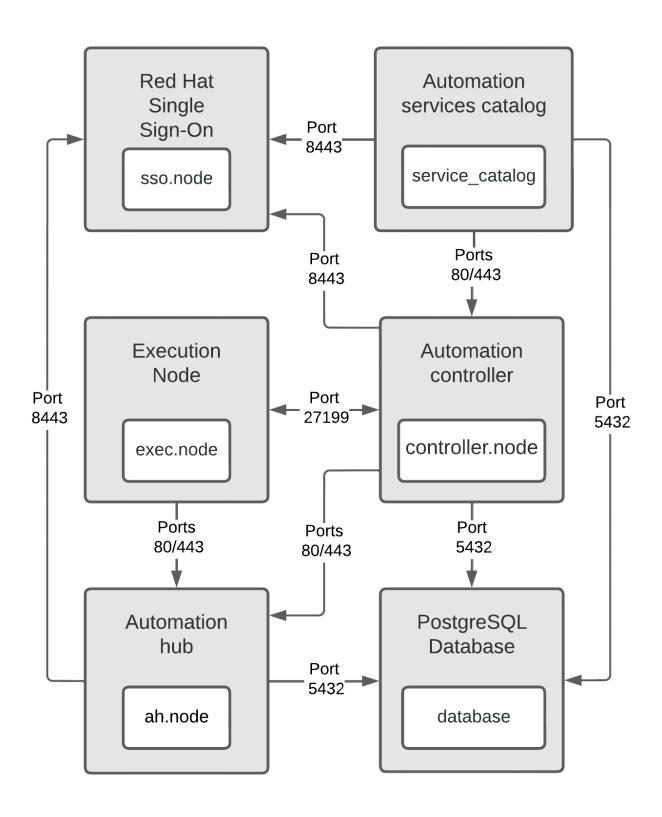


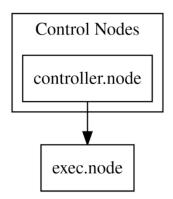


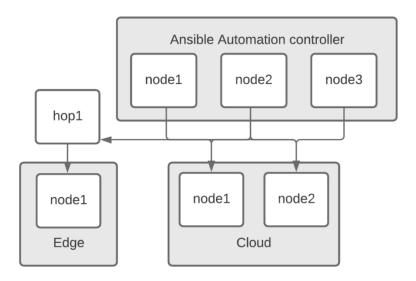
Chapter 2: Installing Ansible Automation Platform







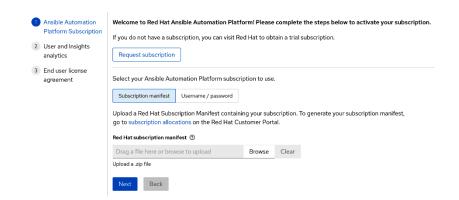




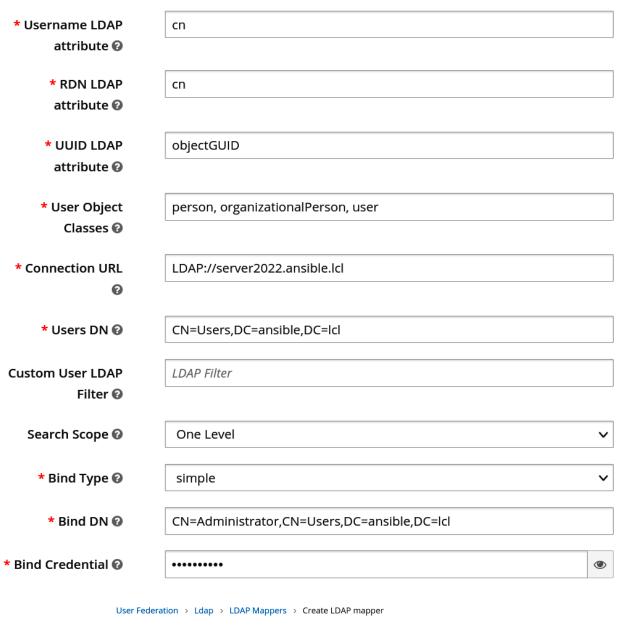
Chapter 3: Installing Ansible Automation Platform on OpenShift

No Images...

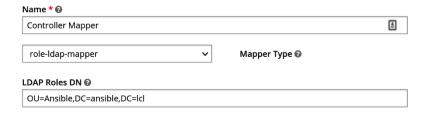
Chapter 4: Configuring Settings and Authentication



Setting	Value	Description
Console Display Name	ldap	Display name of provider
Vendor	Active Directory	Vendor to use Red Hat or Active Directory
Connection URL	LDAP://servername	Ldap server connection
Users DN	CN=Users,DC=ansible,DC=lcl	Full DN of the Ldap Tree where the users are
Bind DN	CN=Administrator, CN=Users, DC=ansible, DC=lcl	DN of Ldap Admin
Bind Credential	password	The password for the BIND DN user



Add user federation mapper



Fields	Value	Description
Client ID	Controller.node	Unique name for the client
Root URL	https://controller_fqdn/	URL of the controller
Valid Redirect URIs	https://controller_fqdn/sso/complete/saml/	the redirect URL from controller
IDP Initiated SSO URL Name	controller_fqdn	FQDN of the controller
Fine Grain SAML Endpoint Configuration		Advanced option to expand
Assertion Consumer Service POST Binding URL	https://controller_fqdn/sso/complete/saml/	Binding URI to send response to



					SAML Attribute
<u>Name</u>	Mapper Type	Property	Friendly Name	<u>Name</u>	<u>NameFormat</u>
email	User Property	email	Email	email	Basic
last_name	User Property	lastName	Last Name	last_name	Basic
first_name	User Property	firstName	First Name	first_name	Basic
user_name	User Property	username	User Name	username	Basic
user_permanent_id	User Property	uid	name_id	name_id	Basic

Name			Friendly		Group	Full group path
group	Group list	group	group	Basic	On	Off
role list	Role list	Role	Role	Basic	On	Off

Groups > ansible_admins

Ansible_admins

Settings Attributes Role Mappings Members

Realm Roles

Client Roles

automation-hub

Assigned Roles ②

hubadmin

Gui Field	API Setting
SAML Service Provider Entity ID	SOCIAL_AUTH_SAML_SP_ENTITY_ID
SAML Service Provider Public Certificate	SOCIAL_AUTH_SAML_SP_PUBLIC_CERT
SAML Service Provider Private Key	SOCIAL_AUTH_SAML_SP_PRIVATE_KEY
SAML Service Provider Organization Info	SOCIAL_AUTH_SAML_ORG_INFO
SAML Service Provider Technical Contact	SOCIAL_AUTH_SAML_TECHNICAL_CONTACT
SAML Service Provider Support Contact	SOCIAL_AUTH_SAML_SUPPORT_CONTACT
SAML Enabled Identity Providers	SOCIAL_AUTH_SAML_ENABLED_IDPS

« Remove selected

Welcome to Ansible Automation Platform!

Please log in

Username *

|
Password *

Log In

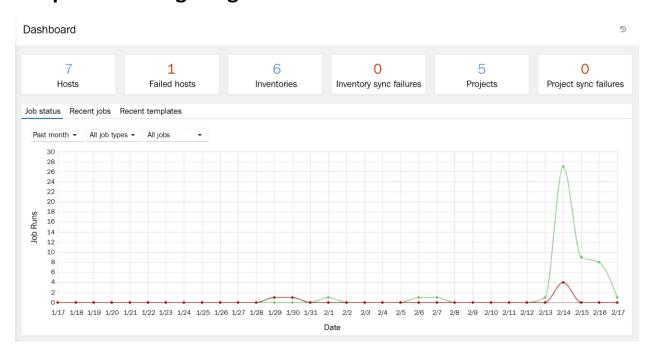


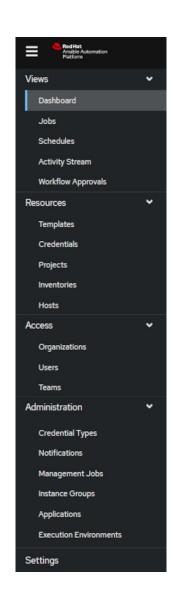
Gui Field	API Variable	Description
LDAP Server URI	AUTH_LDAP_SERVER_URI	The server URI
LDAP Bind DN	AUTH_LDAP_BIND_DN	DN of Ldap Admin
LDAP Bind Password	AUTH_LDAP_BIND_PASSWORD	Password of Ldap Admin
LDAP User Search	AUTH_LDAP_USER_SEARCH	DN of user search
LDAP User DN Template	AUTH_LDAP_USER_DN_TEMPLATE	Alternative to DN user search
LDAP User Attribute Map	AUTH_LDAP_USER_ATTR_MAP	Map LDAP scheme to controller scheme

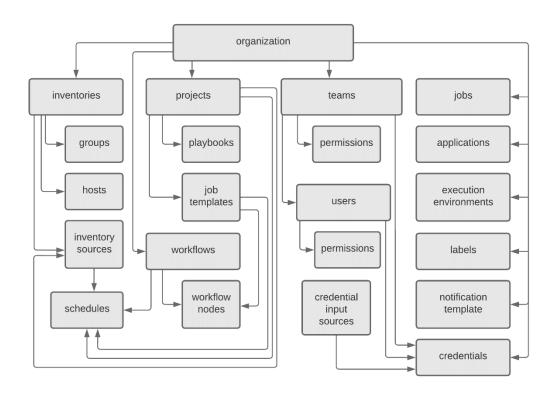
Gui Field	API Variable	Description
LDAP Group Search	AUTH_LDAP_GROUP_SEARCH	LDAP group search query to use
LDAP Group Type	AUTH_LDAP_GROUP_TYPE	Group type to use depending on server
LDAP Group Type		Group type parameters name and
Parameters	AUTH_LDAP_GROUP_TYPE_PARAMS	member attributes
		Set group membership requirements
LDAP Require Group	AUTH_LDAP_REQUIRE_GROUP	to limit to groups
LDAP Deny Group	AUTH_LDAP_DENY_GROUP	Deny login to groups set here

Gui Field	API Variable	Description
LDAP User Flags By Group	AUTH_LDAP_USER_FLAGS_BY_GROUP	Set Superusers and system admins by groups
LDAP Organization Map	AUTH_LDAP_ORGANIZATION_MAP	Maps to set organizations and admins
LDAP Team Map	AUTH_LDAP_TEAM_MAP	Maps to set teams inside an organization
LDAP Start TLS	AUTH_LDAP_START_TLS	Enable TLS when not using SSL

Chapter 5: Configuring the Basics after Installation







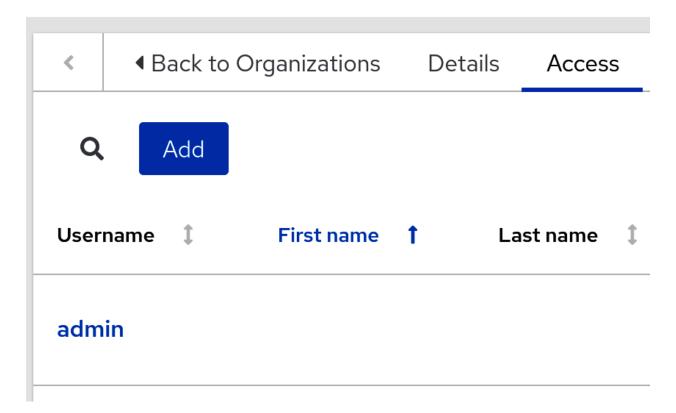
Chapter 6: Configuring Role-Based Access Control

Module option	System Role	Has Permision to
		Superuser privileges for a given
		Organization, Team, Inventory,
admin	Admin role for a given object	Project, or Job Template
		For an Organization, Team, Inventory,
		Project, or Job Template,
read	Read role for a given object	be able to read all aspects of that object
		Gives user access as a member
member	Member role for a given object	of a given Organization or Team
execute	Execute role – Job Templates	Launch Job Template to create a Job
adhoc	Ad Hoc role – Inventory	Run commands on Inventory hosts
update	Update role – Project, Inventory	Update the Project or Inventory
	Use role – Credential,	Able to assign the given Credential to an
use	Inventory, Project	Inventory, Project, or Job Template
		Able to Approve an approval
approval	Approval role – Workflow Level	node in a workflow
		Read Everything for a given
		Organization, Project,
auditor	Auditor role – All	Inventory, or Job Template

Module option	System Role	Manages all aspects of
project_admin	Admin for a project	Projects
inventory_admin	Admin for a inventory	Inventories
credential_admin	Admin for a credential	Credentials
workflow_admin	Admin for workflow	Workflows
notification_admin	Admin for a notification	Notifications
job_template_admin	Admin for a job template	Job templates
	Admin for an execution	
execution_environment_admin	enviroment	Execution environments
N/A	System administrator	System
		Views all aspects
N/A	System auditor	of the system

Organizations > Default

Access



Permission	Role/Module Variable Name
Add user	add_user
Change user	change_user
Delete user	delete_user
View user	view_user

Role/Module Permission Variable Nam	
Add group	add group
Change group	change_group
Delete group	delete_group
View group	view group

Permission	Role/Module Variable Name
Add namespace	add_namespace
Change namespace	change_namespace
Upload to namespace	upload_to_namespace
Delete Namespace	delete_namespace

Permission	Role/Module Variable Name
Modify Ansible repository content	modify_ansible_repo_content
Delete collection	delete collection

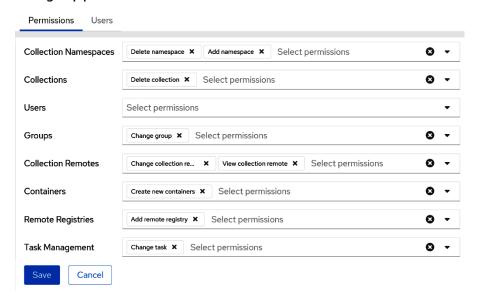
Permission	Role/Module Variable Name	
Change collection remote	change_collectionremote	
View collection remote	view collectionremote	

Permission	Role/Module Variable Name
Change container namespace permissions	change_containernamespace_perms
Change containers	change_container
Change image tags	change_image_tag
Create new containers	create_container
Push to existing containers	push_container
Delete container repository	delete_containerrepository

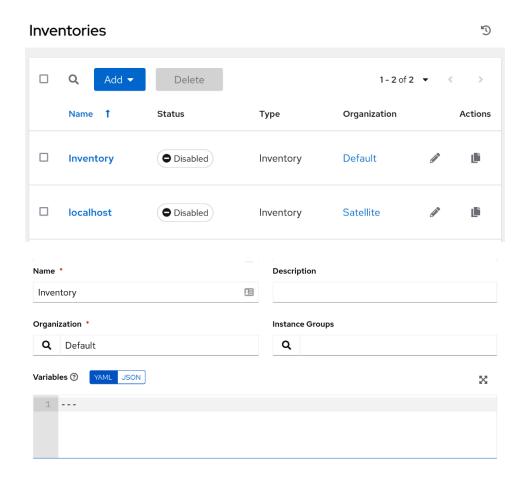
Permission	Role/Module Variable Name
Change task	change_task
Delete task	delete_task
View all tasks	view_task

Groups > Joes

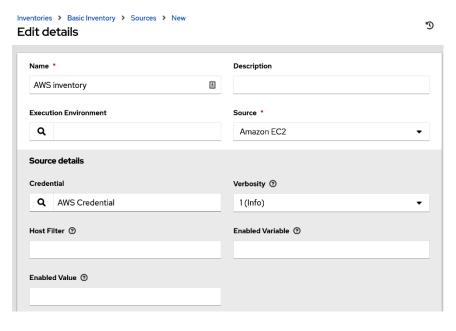
Edit group permissions



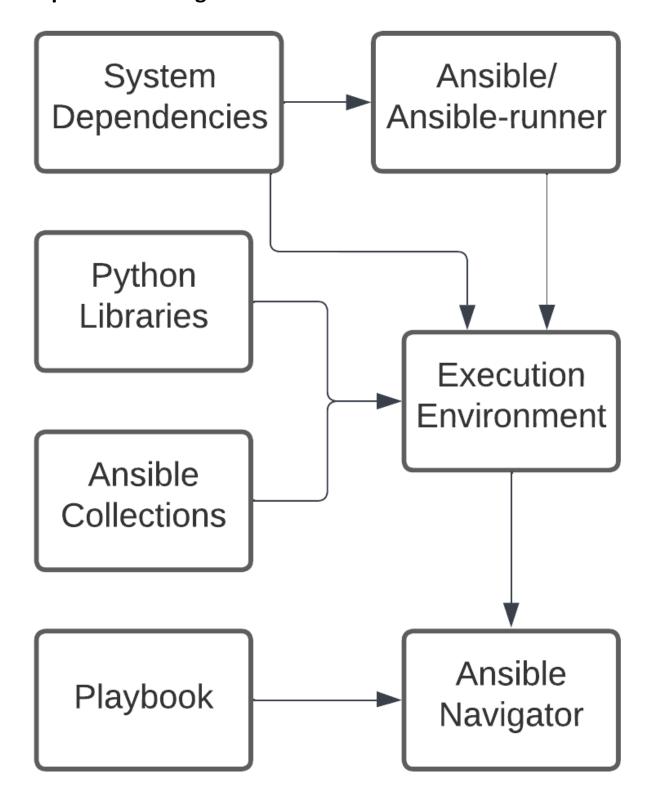
Chapter 7: Creating Inventory, and Other Inventory Pieces







Chapter 8: Creating Execution Environments



```
NAMETAGEXECUTIONENVIRONMENT0ansible-builderlatestFalse1ansible-navigator-demo-ee (primary)0.6.0True2ee-29-rhel8latestTrue3ee-supported-rhel8latestTrue4ee_toolslatestTrue
```

```
PLAY [Demo Playbook] ***********
**********

TASK [debug] **************

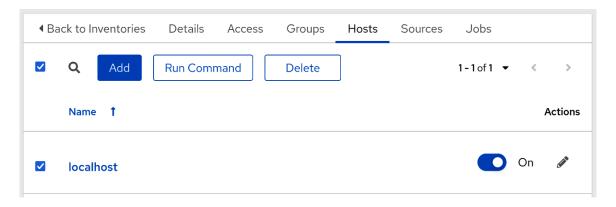
***********

ok: [localhost] => {
    "msg": "Hello world"
}

PLAY RECAP ***************

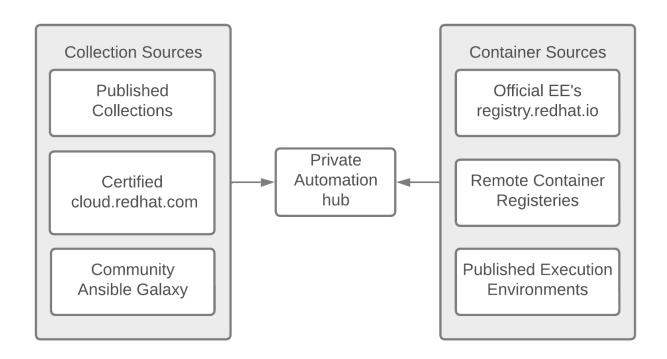
**********

localhost : ok=1
```

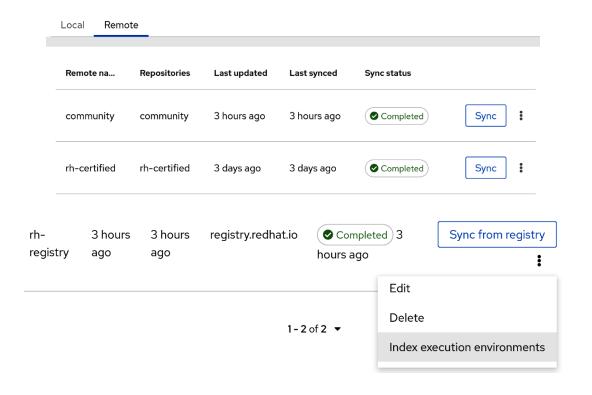


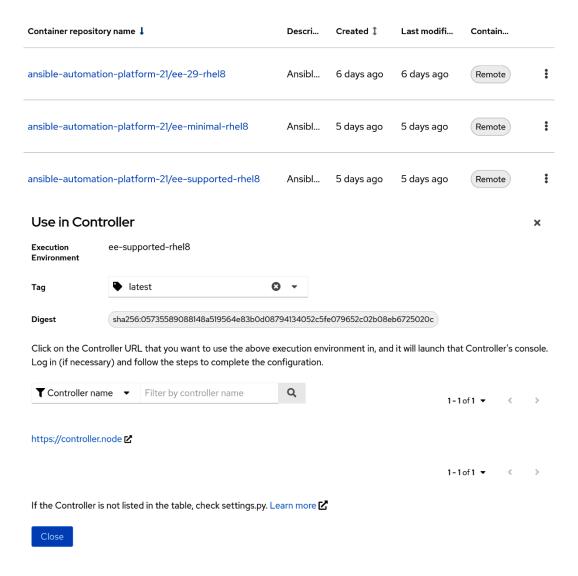


Chapter 9: Automation Hub Management

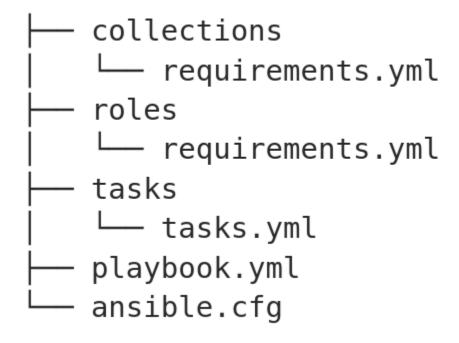


Repo Management

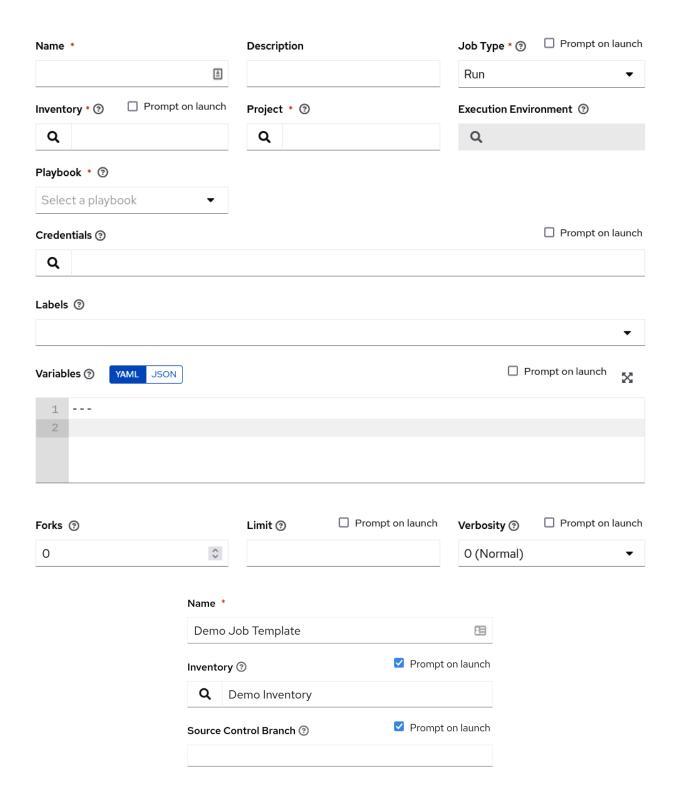


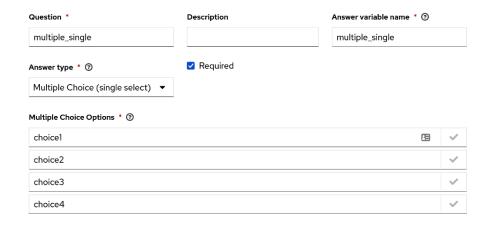


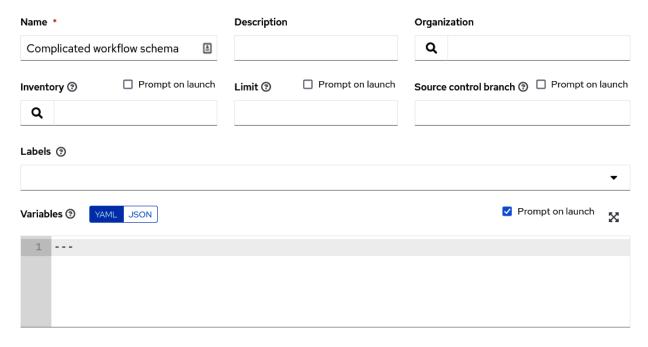
Chapter 10: Creating Job Templates and Workflows



Name *	Description	Organization *
	a	Q
Execution Environment ③	Source Control Type *	
Q	Git ▼	
Type Details		
Source Control URL * ③	Source Control Branch/Tag/Commit ③	Source Control Refspec ②
Source Control Credential		
Q		
Options		
☐ Clean ③ ☐ Delete ③ ☐	Track submodules \odot Update Revision on L	aunch ③ □ Allow Branch Override ③

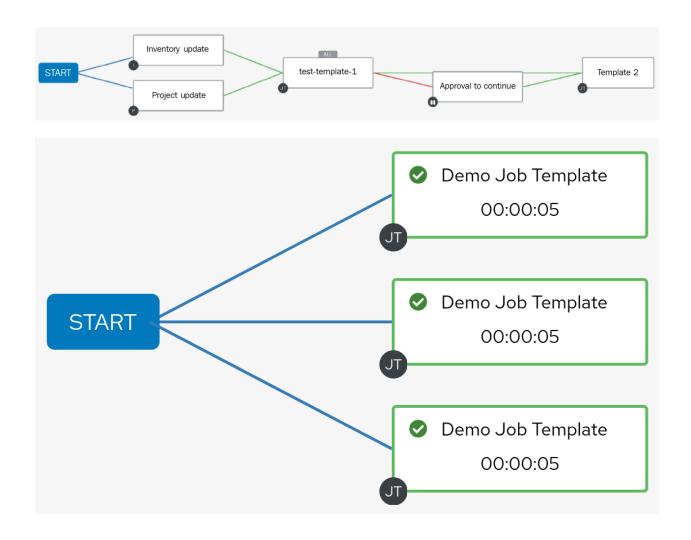






Options

☐ Enable Webhook ③ ☐ Enable Concurrent Jobs ③



Chapter 11: Creating Advanced Workflows and Jobs



```
TASK [debug] ******************
ok: [PSQL2] => {
    "show vars": {
        "other info": 1
}
ok: [PSQL3] => {
    "show_vars": {
        "other info": 1
    }
}
ok: [PSQL1] => {
    "show vars": {
        "other info": 1
    }
}
```

```
1 - _var_per_host:
2 - PSQL2:
3    other_info: 1
4 - PSQL3:
5    other_info: 1
6 - PSQL1:
7    other_info: 1
8    abc_var: nonenonenone
```

Gmail Admins	Email	Approval Start Success Failure
Gmail Users	Email	Approval Start Success Failure
Slack	Slack	Approval Start Success Failure

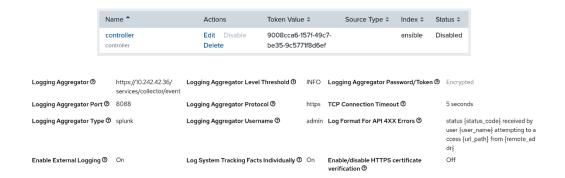
Chapter 12: Using CI/CD to Interact with Automation Controller

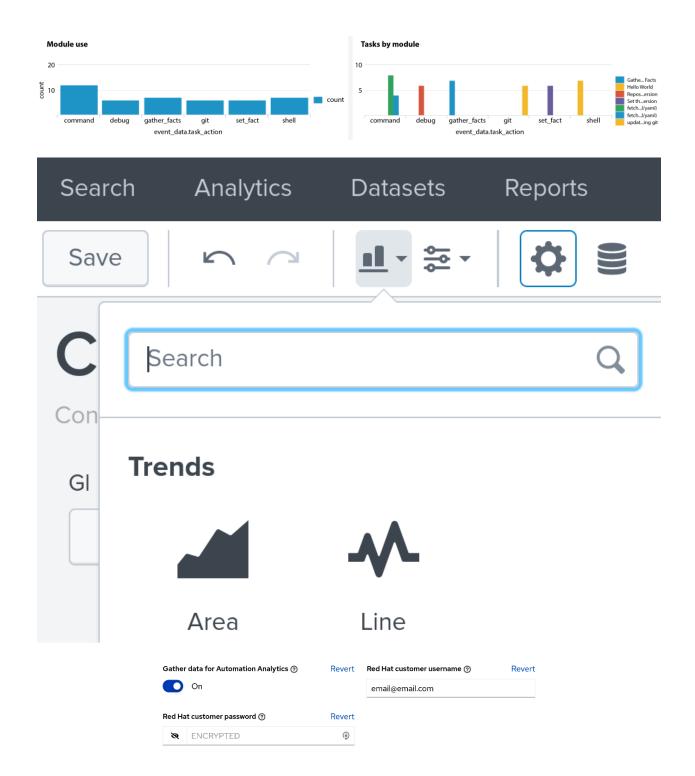
No Images..

Chapter 13: Integration with Other Services

Review

Default index ansible
Source Type Automatic
App Context search



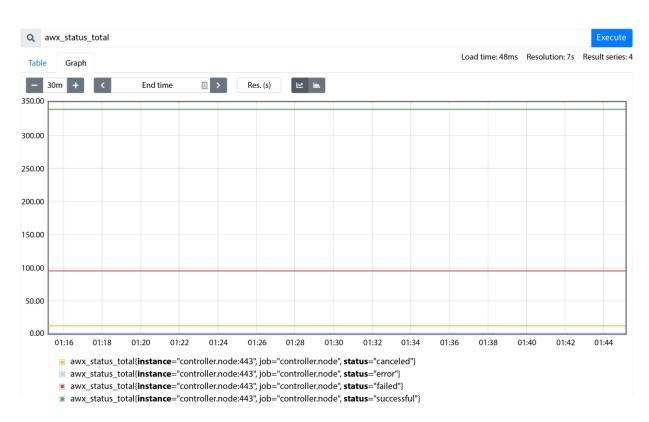


Total savings Automation savings \$139.42 Template productivity and utilization 5 Manual cost of automation 4 (e.g. average salary of mid-level Software Engineer) 3 \$ 50 ≎ /hr 2 Automated process cost \$ 20 ≎ /hr Automation formula

Enter the time it takes to run the following templates manually.

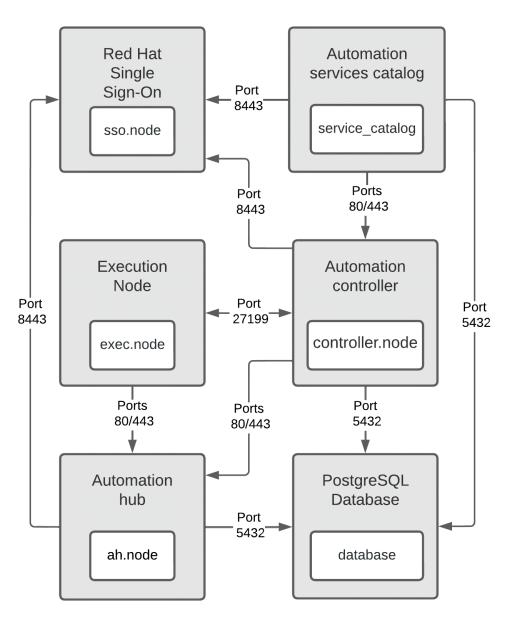


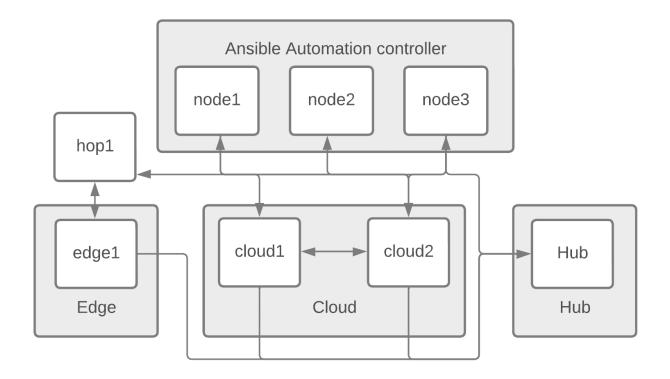
Templates



Chapter 14: Automating at Scale with Automation Mesh

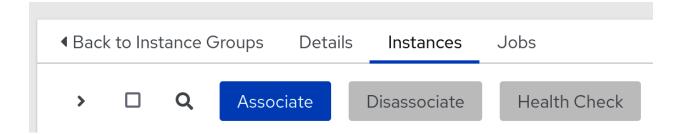
Protocol	Port	Purpose	Nodes
SSH	22/TCP	AAP installation	All
HTTP/HTTPS	80/443/TCP	Web UI, API	Control, hybrid, hub, service catalog
HTTPS	443/TCP	Execution environment (EE) pulls	Execution, hybrid
Postgres	5432/TCP	Database connection	Control, non peered execution*
Receptor	27199/TCP*	Automation mesh	All
HTTP/HTTPS	8080/8443	SSO	SSO

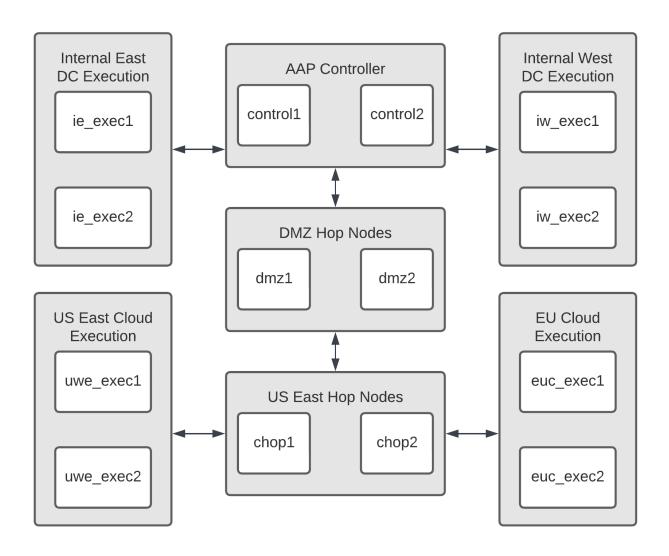


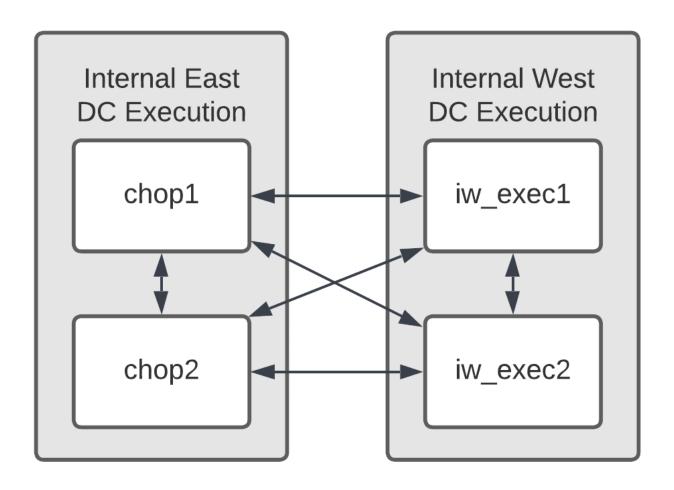


Instance Groups > Edge

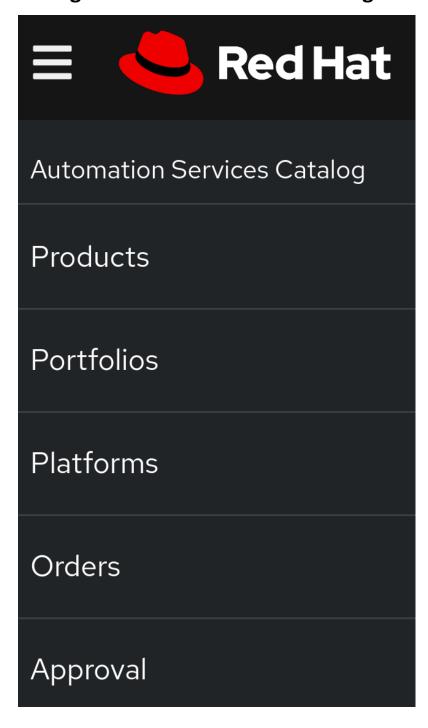
Instances

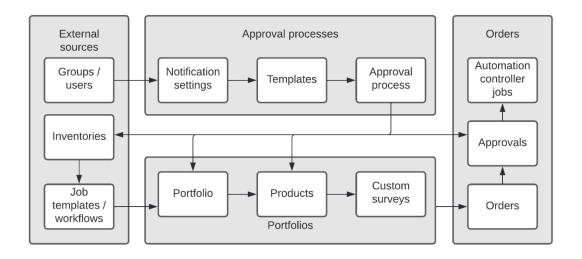




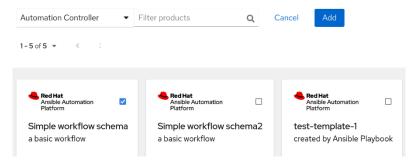


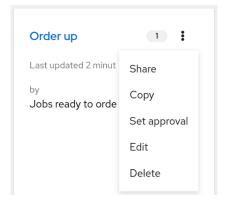
Chapter 15: Using Automation Services Catalog



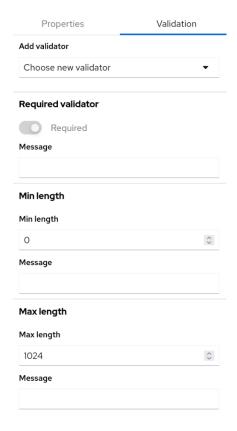


Add products: Execution jobs





Pr	operties	Validation
Name		
text		
Initial val	ue	
infra-a	nsible-tower-test	ing.infra.sat.rdu2.red 🖫
Label		
text		
Helper te	ext	
target	host is required fo	or playbook to work, t
Placehol	der	
	Disabled	
	Read only	
	Hidden	
	Substitution	



longimage name that exceeds length

0

Exceeded max length



