

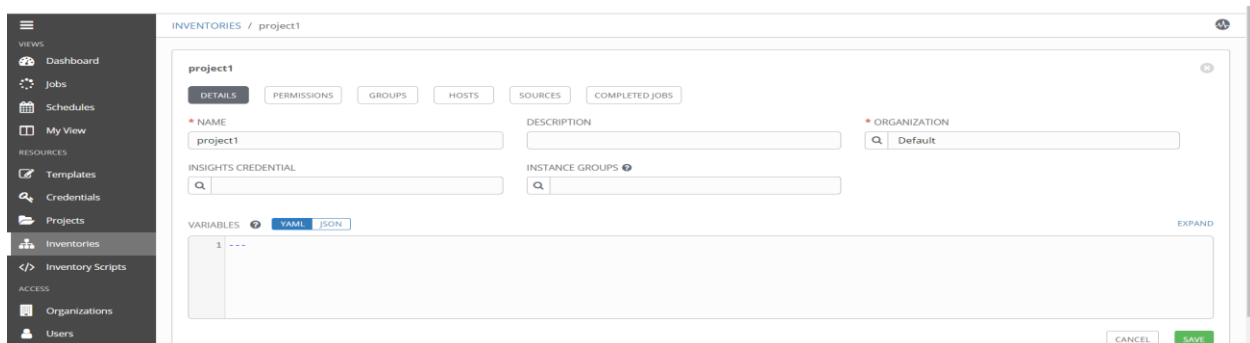
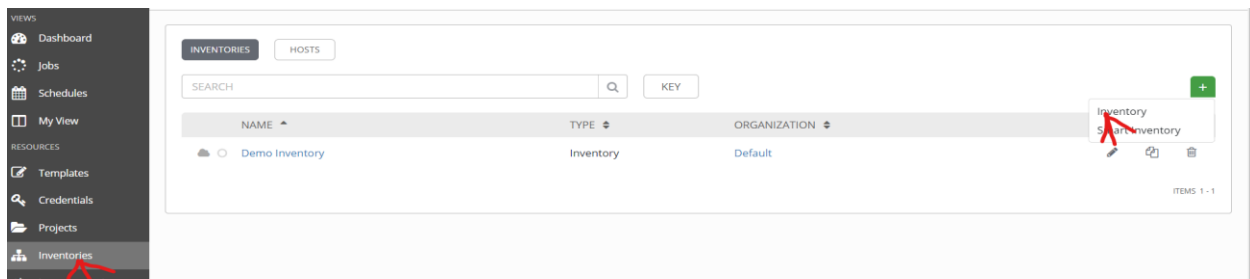
How to execute the file in ansible tower (through Source code management)

1. Create an inventory
 2. Add a credential
 3. Create a project
 4. Create a job template
1. create an inventory:

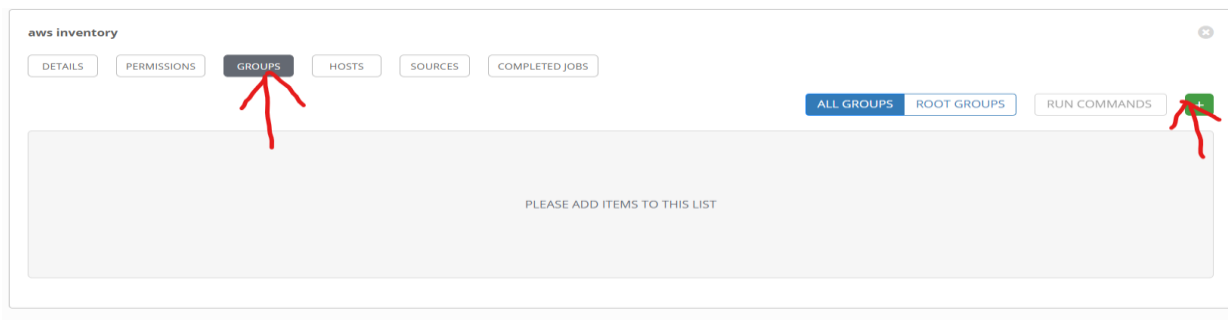
We need to click on inventories

Click on add to add the inventory

Give the inventory name and click on save



Then click on the group we need to give the group name and save



appwebserver

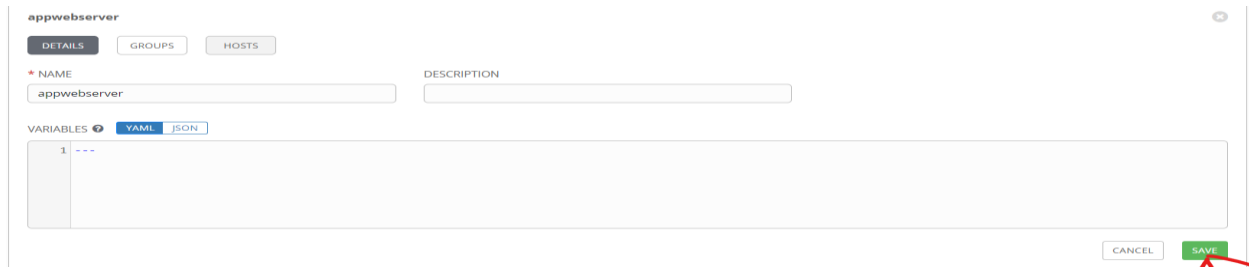
DETAILS GROUPS HOSTS

* NAME appwebserver DESCRIPTION

VARIABLES **YAML** JSON

1 ---

CANCEL SAVE



Add one more group

aws inventory

DETAILS PERMISSIONS **GROUPS** HOSTS SOURCES COMPLETED JOBS

SEARCH Q KEY

ALL GROUPS ROOT GROUPS RUN COMMANDS +

GROUPS ACTIONS

☐ appwebserver

CREATE GROUP

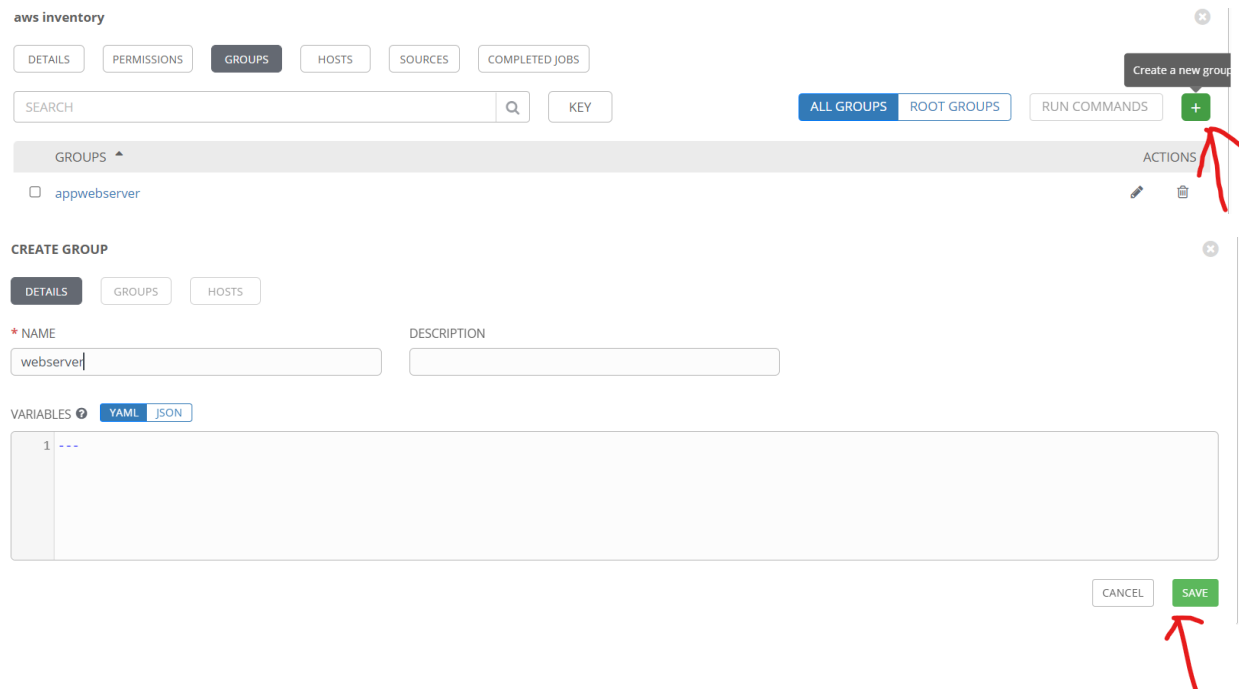
DETAILS GROUPS HOSTS

* NAME webserver DESCRIPTION

VARIABLES **YAML** JSON

1 ---

CANCEL SAVE



After creating the group we need to add the hosts to that

Then click on the host we need to give the host name or ip address and save

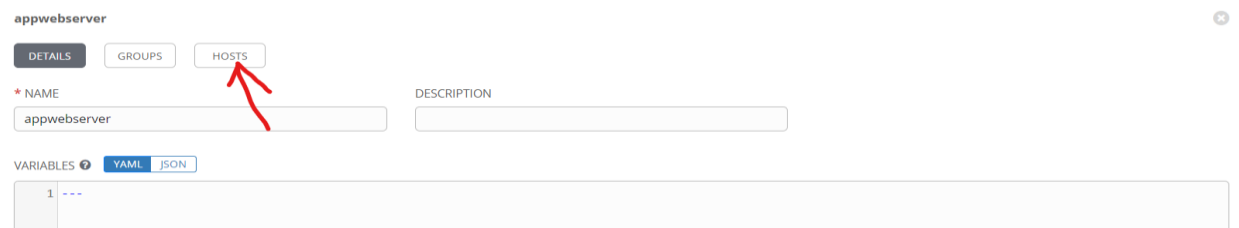
appwebserver

DETAILS GROUPS **HOSTS**

* NAME appwebserver DESCRIPTION

VARIABLES **YAML** JSON

1 ---



In hosts we need to add the private ip addresses

<input type="checkbox"/>	vpc	i-0bf5c2311b4b93ea1	Running	t2.micro	2/2 checks passed	No alarms	+	us-east-1b	ec2-34-2...
<input checked="" type="checkbox"/>	appwebserver	i-01e694e6cca03aa7f	Running	t2.micro	2/2 checks passed	No alarms	+	us-east-1b	ec2-54-2...
<input type="checkbox"/>	webserver	i-0a7cb8752b656f1f3	Running	t2.micro	2/2 checks passed	No alarms	+	us-east-1b	ec2-3-82...

Instance: i-01e694e6cca03aa7f (appwebserver)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Instance summary

info

Instance ID

i-01e694e6cca03aa7f (appwebserver)

Public IPv4 address

54.209.182.51 | [open address](#)

Private IPv4 addresses

172.31.17.77

Add the ips to the hosts and save

Now

CREATE HOST

DETAILS

FACTS

GROUPS

* HOST NAME

172.31.17.77

DESCRIPTION

VARIABLES

YAML

JSON

1

CANCEL

SAVE

Now ip addresses are add to groups into the hosts

appwebserver

DETAILS

GROUPS

HOSTS

SEARCH

KEY

RUN COMMANDS

+

HOSTS

DESCRIPTION

ACTIONS

☐

☒

172.31.17.77

webserver

DETAILS

GROUPS

HOSTS

SEARCH

KEY

RUN COMMANDS

+

HOSTS

DESCRIPTION

ACTIONS

☐

☒

172.31.30.153

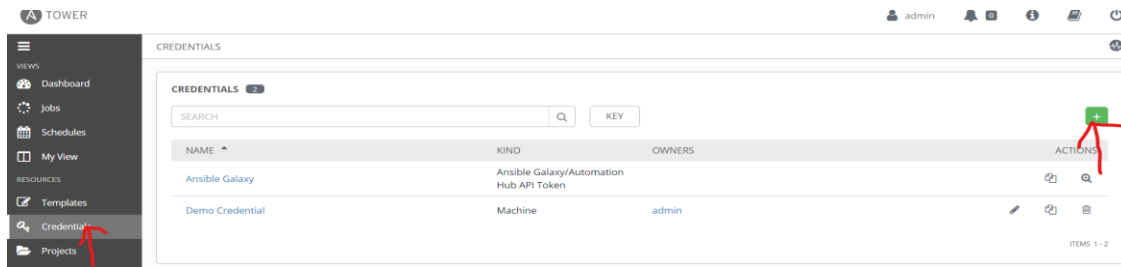
ITEMS 1 - 1

2. Add a credentials

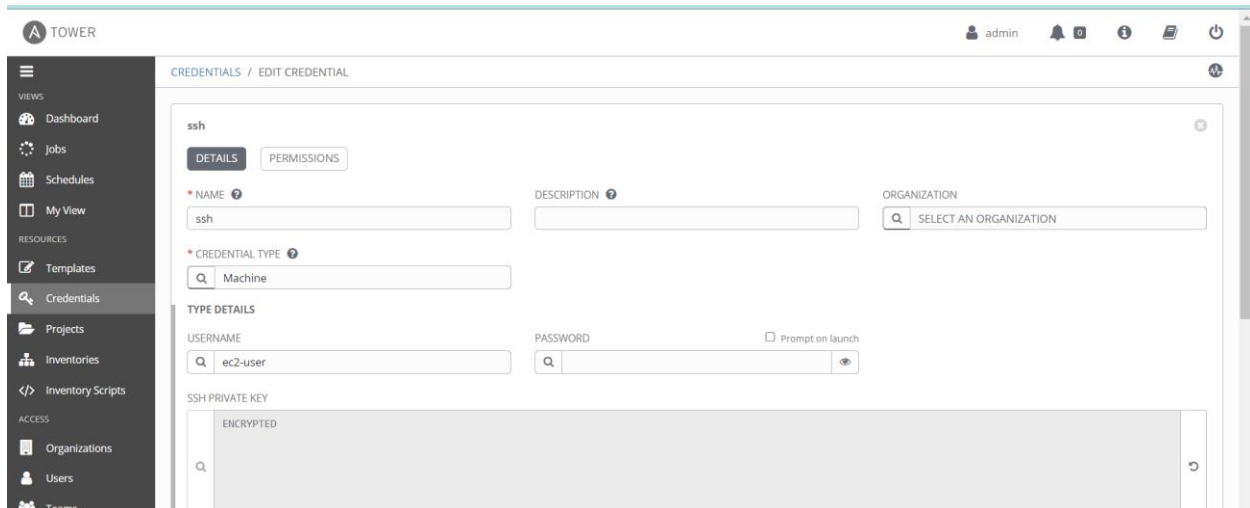
Click on the credentials

And give the name **SSH** credentials and type is we give the source control

Then type details we give user name, password click on save



I am using aws account that's why I am using is ec2-user name and SSH private key



3. create a project

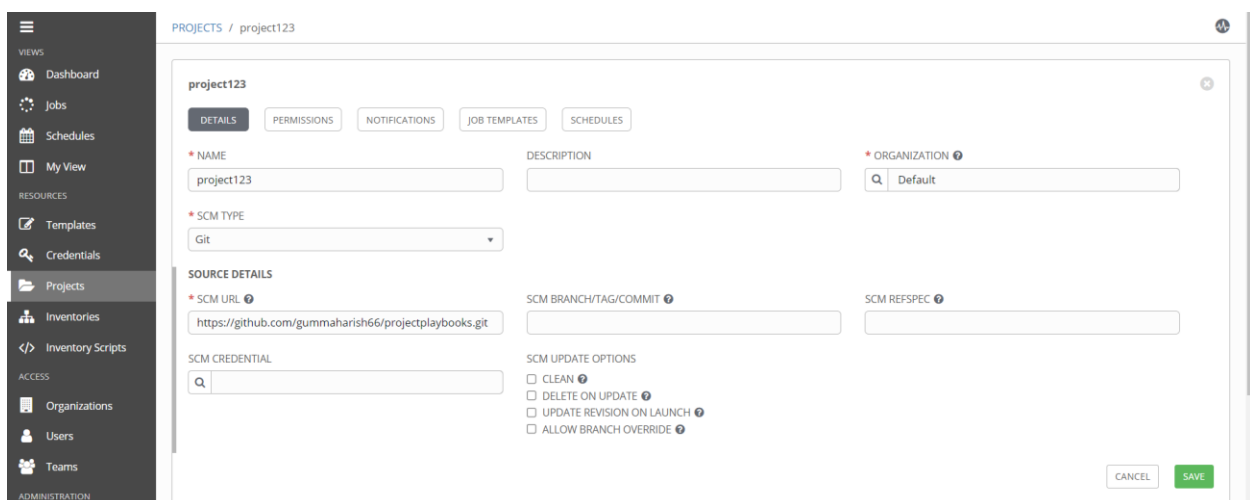
Click on the project

We need to give the name of project is **newproject**

Then scm type here we give the Git

We give the url in repo address

Than click on save



4. create a job template

Select the template

Name of template **jobtemplate**

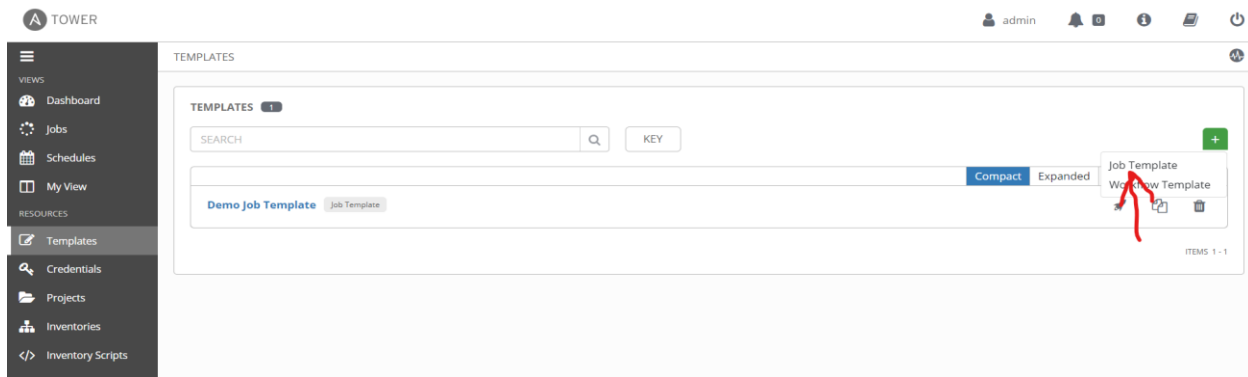
Job type is Run

Inventory we give our inventory name

Project name is **project123**

Machine credential is we give the **SSH**

Playbook we give our playbook name and click on save



TEMPLATES / jobtemplate

jobtemplate

DETAILS | PERMISSIONS | NOTIFICATIONS | COMPLETED JOBS | SCHEDULES | ADD SURVEY

* NAME jobtemplate	DESCRIPTION	* JOB TYPE ? Run <input type="checkbox"/> PROMPT ON LAUNCH
* INVENTORY ? <input type="checkbox"/> PROMPT ON LAUNCH project1	* PROJECT ? project123	* PLAYBOOK ? firstplaybook.yml
CREDENTIALS ? <input type="checkbox"/> PROMPT ON LAUNCH ssh	FORKS ? 0	LIMIT ? <input type="checkbox"/> PROMPT ON LAUNCH
* VERBOSITY ? <input type="checkbox"/> PROMPT ON LAUNCH 0 (Normal)	JOB TAGS ? <input type="checkbox"/> PROMPT ON LAUNCH	SKIP TAGS ? <input type="checkbox"/> PROMPT ON LAUNCH
LABELS ?	INSTANCE GROUPS ?	JOB SLICING ? 1
TIMEOUT ? 0	SHOW CHANGES ? <input type="checkbox"/> PROMPT ON LAUNCH	OPTIONS <input type="checkbox"/> ENABLE PRIVILEGE ESCALATION ? <input type="checkbox"/> ENABLE PROVISIONING CALLBACKS ? <input type="checkbox"/> ENABLE WEBHOOK ? <input type="checkbox"/> ENABLE CONCURRENT JOBS ? <input type="checkbox"/> ENABLE FACT CACHING ?

Save that and run the template

Its will execute the playbook

JOBS / 16 - jobtemplate

DETAILS

STATUS

Successful

STARTED

5/20/2022 11:30:33 AM

FINISHED

5/20/2022 11:30:36 AM

JOB TEMPLATE

jobtemplate

JOB TYPE

Run

LAUNCHED BY

admin

INVENTORY

project1

PROJECT

project123

REVISION

0ae1f90

PLAYBOOK

firstplaybook.yml

CREDENTIAL

ssh

ENVIRONMENT

/var/lib/awx/venv/ansible

EXECUTION NODE

localhost

INSTANCE GROUP

tower

EXTRA VARIABLES

YAML

JSON

EXPAND

jobtemplate

PLAYS

1

TASKS

2

HOSTS

1

ELAPSED

00:00:03

SEARCH

KEY

1

Identity added: /tmp/bwrap_16_tfq2ft35/awx_16_habxgitt/artifacts/16/ssh_key_data (/tmp/bwrap_16_tfq2ft35/awx_16_habxgitt/artifacts/16/ssh_key_data)

2

3

PLAY [First playbook ping test] ***** 11:30:35

4

*

5

TASK [Gathering Facts] ***** 11:30:35

6

*

7

ok: [localhost]

8

TASK [Ping test] ***** 11:30:36

9

*

10

ok: [localhost]

11

PLAY RECAP ***** 11:30:36

12

*

localhost

: ok=2 changed=0 unreachable=0 failed=0

ipped=0

rescued=0 ignored=0