

# how-to\_Manage\_AWX

- Inventories
  - Static Inventory
  - Groups
- Credentials
- Projects
- Templates
- Adhoc
- Schedules

## Inventories

This section covers how-to add inventories in AWX.

## Static Inventory

To import a static inventory list can be done in AWX console using the awx-manage command.

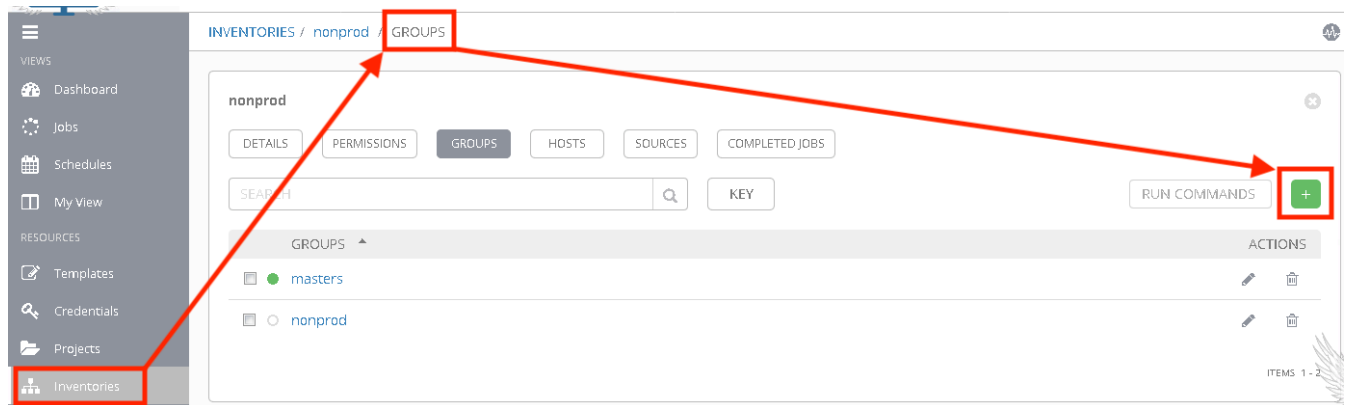
The text file is predefined.

```
awx-manage
awx-manage inventory_import --source=./nonprod --inventory-name="
nonprod"
```

## Groups

Once the list of hosts has been populated create a group and populate.

From **Inventories** click > the newly created inventory in this example: **nonprod** > click **GROUPS** > click + sign



Fill out **NAME** > **DESCRIPTION** > click **SAVE**

Dashboard  
Jobs  
Schedules  
My View  
RESOURCES  
Templates  
Credentials  
Projects  
Inventories  
Inventory Scripts  
ACCESS

CREATE GROUP

DETAILS GROUPS HOSTS

\* NAME  DESCRIPTION

VARIABLES ☒ YAML ☐ JSON

1 ---

CANCEL SAVE

Once the group has been created within the **nonprod** inventory click > the **infra** group > click **HOSTS** > click **+** sign to add existing hosts.

AWX

ofeawx.admin

INVENTORIES / nonprod / GROUPS / infra / ASSOCIATED HOSTS

infra

DETAILS GROUPS HOSTS

RUN COMMANDS +

PLEASE ADD ITEMS TO THIS LIST

Visit the [documentation](#) for the latest inventory documentation.

## Credentials

Steps to set up login credentials used for playbooks and roles.

Add SSH credentials for our example project.

**Credentials** > click **+** > fill in **NAME** > **DESCRIPTION** > **ORGANIZATION** > **USERNAME** > **SSH PRIVATE KEY** > click **SAVE**

VIEW: CREDENTIALS / CREATE CREDENTIAL

**NEW CREDENTIAL**

DETAILS PERMISSIONS

\* NAME **nonprod** DESCRIPTION **NonProd** ORGANIZATION **OFEOSE**

\* CREDENTIAL TYPE **Machine**

TYPE DETAILS

USERNAME **root** PASSWORD **SHOW** ☐ Prompt on launch

SSH PRIVATE KEY HINT: Drag and drop an SSH private key file on the field below.

-----END PRIVATE KEY-----

PRIVATE KEY PASSPHRASE ☐ Prompt on launch **SHOW**

PRIVILEGE ESCALATION METHOD **SHOW** PRIVILEGE ESCALATION USERNAME

PRIVILEGE ESCALATION PASSWORD ☐ Prompt on launch **SHOW**

CANCEL SAVE

Add a second account to log in to git.

VIEW: CREDENTIALS / CREATE CREDENTIAL

**NEW CREDENTIAL**

DETAILS PERMISSIONS

\* NAME **GITEA** DESCRIPTION **GITEA\_CREDS** ORGANIZATION **OFEOSE**

\* CREDENTIAL TYPE **Source Control**

TYPE DETAILS

USERNAME **awx** PASSWORD **SHOW** ☐ Prompt on launch

SCM PRIVATE KEY HINT: Drag and drop an SSH private key file on the field below.

PRIVATE KEY PASSPHRASE ☐ Prompt on launch **SHOW**

CANCEL SAVE

## Projects

Create a project which contains the code to run as an Ansible role.

**Projects** fill out > **NAME** > **DESCRIPTION** > **ORGANIZATION** > **SCM TYPE** > **SOURCE DETAILS** > **SCM CREDENTIAL** > click **SAVE**.

PROJECTS / gitea-role-dir-cleanup

**gitea-role-dir-cleanup**

DETAILS | PERMISSIONS | NOTIFICATIONS | JOB TEMPLATES | SCHEDULES

\* NAME: gitea-role-dir-cleanup

DESCRIPTION: ROLE\_DIR\_CLEANUP

\* ORGANIZATION: OFEOSE

\* SCM TYPE: Git

SOURCE DETAILS

\* SCM URL: https://registry-ocp-ctc.optumfe.com/ofe\_openshift/role\_dir\_cleanup

SCM BRANCH/TAG/COMMIT

SCM CREDENTIAL: GITEA

SCM UPDATE OPTIONS

- ☐ Clean
- ☐ Delete on Update
- ☐ Update Revision on Launch

CANCEL SAVE

When done and project has synced successfully you will notice the status green.

PROJECTS

PROJECTS 1

SEARCH

● gitea-role-dir-cleanup GIT

REVISION	9e699d5	
ORGANIZATION	OFEOSE	
LAST MODIFIED	11/12/2018 4:19:41 PM	
LAST USED	11/12/2018 4:19:41 PM	

## Templates

Templates are the equivalent to a playbook.

Create a template: **Templates** > fill in **NAME** > **DESCRIPTION** > **JOB TYPE** > **INVENTORY** > **PROJECT** > **PLAYBOOK** > **CREDENTIAL** > **VERBOSITY** > click **SAVE**.

## Adhoc

Place holder for adhoc how-to.

## Schedules

For this example start **Templates** > click **template\_name** you want to schedule > click **SCHEDULES** > click + sign

Fill out the required fields **NAME** > **START DATE** > **START TIME** > **LOCAL TIME ZONE** > **REPEAT FREQUENCY** > **FREQUENCY**  
**DETAILS** > **END** > click save.

- Jobs
- Schedules
- My View
- RESOURCES
  - Templates
- Credentials
- Projects
- Inventories
- Inventory Scripts
- ACCESS
  - Organizations
  - Users
  - Teams
- ADMINISTRATION
  - Credential Types
  - Notifications
  - Management Jobs
  - Instance Groups
  - Applications

\* NAME

dir\_cleanup\_schedule

\* START DATE

11/13/2018

\* START TIME (HH:MM:SS)

09

:

35

:

0

\* LOCAL TIME ZONE

America/Chicago

\* REPEAT FREQUENCY

Hour

FREQUENCY DETAILS

\* EVERY

1

HOURS

\* END

Never

SCHEDULE DESCRIPTION

every hour

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

11-13-2018 09:35:00  
11-13-2018 10:35:00  
11-13-2018 11:35:00  
11-13-2018 12:35:00  
11-13-2018 13:35:00  
11-13-2018 14:35:00  
11-13-2018 15:35:00  
11-13-2018 16:35:00  
11-13-2018 17:35:00  
11-13-2018 18:35:00

CANCEL

SAVE