# Red Hat Ansible Tower Action Pack

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## Change Log

### Sept 2016

Initial Release

### 2.0.0 Jan 2018

#### New Features

* Added Execute Ad Hoc Command action.
* Execute Job Template action now has option to wait for the Ansible job to finish.
* Execute Job Template action now has option to retrieve Ansible job output and optionally save to file.
* Renamed package PCK.CUSTOM\_ANSIBLE\_TOWER
* Action pack now uses Automic Webservices REST Agent v.4
* Connection to Ansible Tower now uses standard promptset objects supplied by AUTOMIC\_RA\_REST package.

#### Problems Fixed

* Remove Host From Group action did not work.
* Add Host To Group Action did not use configured inventory.
* List inventories action did not return any results.
* Launch Job Template action and Launch System Job Template actions always returned OK status.
* Job logging was inconsistent across actions.
* Update Project action did nothing. Removed from package.
* Removed circular dependency in package meta data.
* Some package objects did not adhere to consistent naming convention.

## Overview

Ansible Tower (formerly ‘AWX’) from Red Hat is a commercial, web-based solution that makes Ansible easier to use for IT teams.

The Ansible Tower action pack allows you to perform configuration tasks within an automated workflow, that would otherwise be conducted manually via the Ansible Tower GUI, such as adding groups and hosts to inventories and triggering job templates.

## Pre-Requisites

* Automic 12.0 or above
* Red Hat Ansible Tower installed and licensed. Tested against Ansible Tower 3.0.1
* Automic Web Services REST v4.x Agent

## Installation

1. Download the Ansible Tower Action pack from Automic marketplace
2. Extract the archive to get the PCK.CUSTOM\_ANSIBLE\_TOWER\_2.X.X.zip file, this is the actual action pack.
3. Log onto the Automic Web Interface.
4. Navigate to Administration tab.
5. Click **Packs** then click **Install Pack**.
6. Select the action pack that you downloaded. Upon installation, the pack CUSTOM\_ANSIBLE\_TOWER should appear.

## Actions

The following actions are provided under PROVISIONING -> ANSIBLE\_TOWER

### Administration

* Add Host To Group
* Create Group
* Create Host
* Create Inventory
* Create Organization
* Create Project
* Create User
* Delete Group
* Delete Host
* Delete Inventory
* Delete Organization
* Delete Project
* Delete User
* List Groups
* List Hosts
* List Inventories
* List Inventory Scripts
* List Job Events
* List Jobs
* List Projects
* List Roles
* List Schedules
* List System Jobs
* List Users
* Remove Host From Group
* Update Project

### Job Execution

* Execute Ad Hoc Command
* Execute Job Template
* Execute System Job Template

## Configuration

The Action pack uses the Automic web services agent to query Ansible Tower using its web API. You should configure the each action with the URL of Ansible Tower e.g. http://mytower.automic.int