Jenkins Ansible plugin Setup

Demo Document

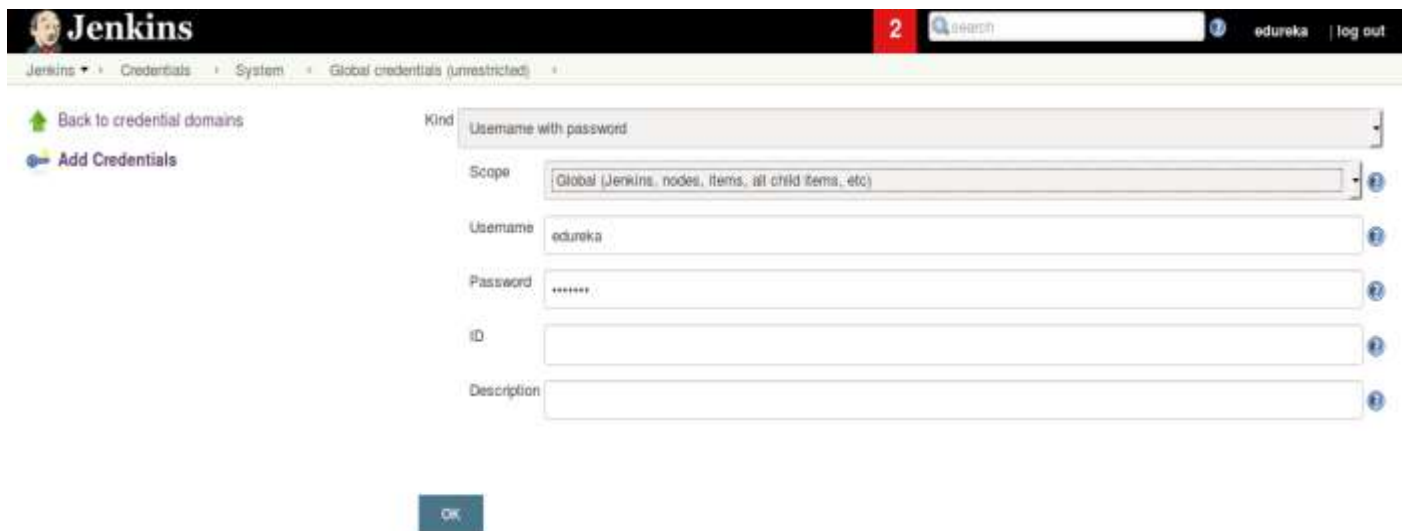# Setting Up Ansible plugin on Jenkins

Adding user Credentials

1. Add a user credential by navigating from Credentials-> System-> Global Credentials(Unrestricted)-> Add
   Credential
   Set the scope to Global and add the Username and password used by ansible to ssh into the remote
   machine

Ansible plugin setup

2. On the ubuntu terminal edit the /etc/ansible/ansible.cfg file
   Uncomment the host_key_checking = false line in the file

3. On Jenkins Home page goto Manage Jenkins-> Manage Plugins

Reload Configuration from Disk
Discard all the loaded data in memory and reload everything from file system. Useful when you modified config files directly on disk.

Manage Plugins
Add, remove, disable or enable plugins that can extend the functionality of Jenkins.
🔔 There are updates available

System Information
Displays various environmental information to assist trouble-shooting.

4. Search for ansible in available section and then install it

Filter: 🔍 ansible

Updates	**Available**	Installed	Advanced

Install ↓	Name	Version
☑	**Ansible** Ansible support in Jenkins	1.0
☐	**Ansible Tower** This plugin allows Jenkins to run a job template in Ansible Tower.	0.8.5

Install without restart	Download now and install after restart	Update information obtained: 16 hr ago	Check now

Installing Plugins/Upgrades

Preparation
- Checking internet connectivity
- Checking update center connectivity
- Success

Ansible   🔵 Success

Go back to the top page
(you can start using the installed plugins right away)

☐ Restart Jenkins when installation is complete and no jobs are running

5. Now go back to Manage Jenkins and then click on Global Tool Configuration

Configure Credentials
Configure the credential providers and types

Global Tool Configuration
Configure tools, their locations and automatic installers.

Reload Configuration from Disk
Discard all the loaded data in memory and reload everything from file system. I
disk.

6. Now Under Ansible set a name and the path to executables directory for it(/usr/bin for ubuntu)

Ansible

Ansible installations	Add Ansible	
	Ansible	
	Name	Ansible-2.6.0
	Path to ansible executables directory	/usr/bin/
	☐ Install automatically	?
		Delete Ansible
	Add Ansible	
	List of Ansible installations on this system	

7. Now to run a playbook in a job; under add build step choose Invoke Ansible Playbook
    Add your playbook and inventory path and add select your ansible user credentials