# **Ansible Configuration**

These are the important components of Ansible Configuration:

# Easily installed using the **Python Package**Manager

A Python utility used install and manage Python packages

### **Ansible Inventory**

Easily customizable to hold information such as IP Address and Username

# **Ansible Playbooks**

Configurable components to send scripted commands to destination servers

# **Ansible Variables**

Flexible features in Ansible to loop through given value sets Implements using Ansible Playbooks

# **SSH Key Pairs**

A pair of public-private keys to establish a secure connection between servers

#### AdHoc Commands

Used to simplify complex configuration tasks in Ansible

# **Ansible Playbooks**

Configurable components to send scripted commands to destination servers

#### Conditionals

Simple statements used to control the flow of executions in Ansible Playbooks

# **Package Managers**

Simplify software package installations on remote servers

# **Ansible Configuration**

Manage IT infrastructure through Ansible

Previously known as
Ansible Tower

Central hub for all automation tasks

Ansible Tower is installed using Ansible Playbooks



Provides a host of web-based solutions

With the AWX UI:

Easy Management Real-time Job status Easy view of Ansible

You can automate the entire configuration and execution of Ansible playbooks using **Jenkins**.

Platform for software development automation



Build and tests software continuously

Runs automatic tests and provides instant results

Continuous integration of deployment technologies

