Taashee Use Cases on Ansible

# ANSIBLE USE CASES WITH IT INTEGRATIONS



TAASHEE LINUX SERVICES

Taashee Linux Services is a Red Hat Ansible Implementation Partner best known to offer simplified IT automation services. Our Ansible experts help you to deploy IT applications and manage system configurations. Some of the use cases with our top Ansible IT integrations have been listed below.

## We have listed below some of the Ansible use cases with major IT integrations.




## VMware USE CASE: Ansible for VMware

Using Ansible with VMware allows your team to enable a simple self-service IT model across all environments. In addition, Red Hat Ansible Tower can be used as a common tool across both teams, reducing complexity. Our operations team writes Ansible Play-books and job templates to describe the environments and the App team can build environments and deploy apps with a single button click.

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AUTOMATE VSPHERE to EXTEND CAPABILITIES of VREALIZE AUTOMATION

Taashee is capable of managing entire VMware environment with Ansible as it supports over 50 VMware modules including:

- Managing vSphere data centers, clusters, hosts and guests
- VM template and snapshot management
- vSwitches, DNS settings, firewall rules and NAT gateway rules

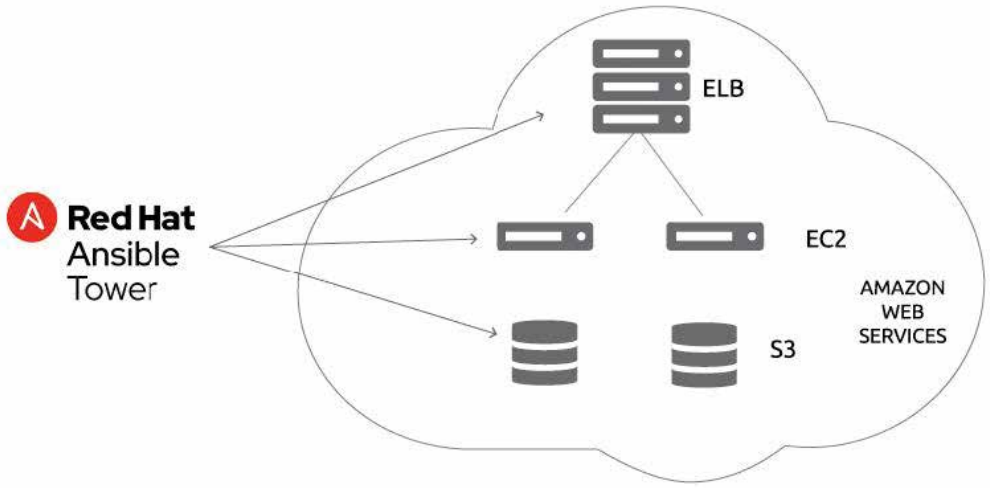
## AWS USE CASE: Ansible for AWS

Using Ansible to automate your applications in AWS greatly increases the chances that your cloud initiative will be a success. The breadth of AWS capability enables IT organizations to dynamically provision entire workloads like never before. To harness this power, IT organizations must effectively answer:

- How can we control cloud deployments?
- How does DevOps work in the cloud?
- Will my deployments be secure?
- How can we migrate existing apps to the cloud?
- The answer? Automate with Ansible

## Manage Cloud like Cloud with Ansible

When you deploy an application into AWS, you will soon realize that the cloud is much more than a collection of servers in someone else's data center. You now have a fleet of services available to you to rapidly deploy and scale applications. However, if you continue to manage AWS like just a group of servers, you won't see the full benefit of your migration to the cloud. Ansible automation can help you manage your AWS environment like a fleet of services instead of a collection of servers.



Ansible has nearly 100 modules supporting AWS capabilities, including:

- AMI Management
- Autoscaling Groups
- CloudFormation
- CloudTrail
- CloudWatch
- DynamoDB
- ElastiCache
- Elastic Block Store (EBS)
- Elastic Cloud Compute (EC2)
- Elastic IPs (EIP)
- Elastic Load Balancers (ELB)
- Identity Access Manager (IAM)
- Kinesis
- Lambda
- Relational Database Service
- Route53
- Security Groups
- Security Token Service
- Simple Storage Service (S3)
- Virtual Private Cloud (VPC)

## Migrations Made Easy

Migrate dozens of workloads to AWS? With Ansible, you can use the same simple playbook language to manage your infrastructure and deploy your application. Use Ansible to define your application locally. Once you can repeatedly deploy that application locally, re-deploying it to a different infrastructure is as straightforward as defining your AWS environment, and then applying your application's playbook.

## OpenStack USE CASE: Ansible for OpenStack

Ansible makes OpenStack simple. Maintaining cloud infrastructure can be a challenge. Ensuring compute-on-demand for a large organization requires mobilization and coordination of a huge collection of resources - not just compute, but also networking, storage, security, and more. To manage a cloud infrastructure like OpenStack properly, you need to manage not just the individual cloud services (configuration), but also the interactions and relationships between them (orchestration).

Ansible is more than OpenStack deployment

Ansible's benefits go beyond mere deployment of OpenStack, though. Once OpenStack is deployed, you can then use the many Ansible OpenStack modules to manage the operation of your cloud. Then the same simple and powerful features of Ansible used for deploying and managing OpenStack can be used to provision, configure, and deploy the applications and services that live on top of the cloud. With Ansible, it's one tool for your cloud operator, developers and users.

## FOR MORE INFORMATION

Write to us at **info@taashee.com**, or Call us at **+91 9154910504** and we will get you started!