

# The Power of AWS Meets Ansible Simplicity

## Enabling AWS in your IT environment has never been easier.

Cloud platforms such as Amazon Web Services (AWS) enable IT organizations to dynamically provision resources like never before. This power, however, creates questions that IT organizations and companies need to answer:

- / How do we make effective use of AWS resources?
- / Is the cloud secure?
- / Will I be able to control my AWS costs?
- / How do we migrate existing apps to AWS?

The answer to these, and many more questions, can be found in the Ansible IT automation platform.

## Ansible Helps you Manage Cloud Like Cloud

Attempting to migrate even a moderately complex application to AWS will reveal that the cloud is much more than just a collection of servers. Sure, you can manage your cloud as a traditional data center (and Ansible makes that super-easy), but much of AWS' value lies in the additional capabilities and services their platform offers. How do you take advantage of these services and capabilities in a way that's easily managed, repeated, and controlled? The answer: you need automation that can keep up.

## Ansible and AWS: Batteries are Included

From the beginning, Ansible has offered deep support for AWS. Leveraging the same human-readable playbook format you're familiar with, Ansible can be used to create and manage a wide variety of AWS resources. Even the most complicated of AWS environments can be easily described with playbooks. Even better, once your AWS-based application and/or environment is described with Ansible, you can deploy them again and again and again, and you'll get the same results each and every time.

Out of the box, Ansible supports over 20 different AWS capabilities, including:

Cloudformation	EC2 Keys	Elastichache
Cloudtrail	EC2 Launch Configurations	Elastichache Subnets
EC2 Instances	EC2 Cloudwatch Alarms	IAM Users
EC2 AMI Management	EC2 Snapshots	IAM Policy
EC2 Autoscaling	EC2 Tags	RDS
EC2 Elastic IPs	EC2 Volumes (EBS)	Route53 DNS
EC2 Elastic Load Balancers	EC2 VPC	S3
EC2 Security Groups		



“ Ansible Tower allows us to easily streamline the delivery of applications and services to both OpenStack and Amazon Clouds in a cost effective, simple, and secure manner.”

– Jeremy Pruitt  
Juniper



Try Ansible now:  
[ansible.com](https://ansible.com)



or contact us:  
[info@ansible.com](mailto:info@ansible.com)

Once your underlying environment is provisioned into AWS, Ansible has 200+ additional modules to help you manage your infrastructure, operating systems, and applications, regardless of where they're deployed. With Ansible, one common language can be used to describe everything deployed in your IT enterprise.

### Cloud Inventory Made Easy

With cloud inventory synchronization, Ansible Tower knows exactly what AWS instances you have no matter how they were launched. Once you log into Tower and enter your AWS credentials, you can manage all of your AWS instances from a single point, and offer users within your enterprise safe, secure, and controlled access to AWS instances without having to provide them their own AWS credentials. Reduce sprawl, increase access, and encourage responsible use, all from the safe confines of Ansible Tower. Enterprise-grade situational awareness is here.

### Autoscaling at the Speed of Business

You were running 100 AWS instances, but that was before you got popular. Now you've got 200. One of the most powerful features of AWS is its autoscaling capabilities, but how can you be sure all of those instances are properly configured exactly as you require, complete with security baselining? Ansible Tower deploys and configures autoscaled servers exactly the way you want them, each and every time. No hand-waving necessary.

### Migrations Made Easy

Migrating existing applications to AWS does not have to be fraught with peril. Use Ansible to define your application locally. Once you can repeatedly deploy that application locally, re-deploying it to differing infrastructure is as straightforward as defining your AWS environment, and then applying your application's playbook. No more surprises.

## ABOUT ANSIBLE

Ansible is a different kind of automation tool: it has a simple syntax, it doesn't require any agents on the target systems, and it handles more than just configuration management. From app deployment to multi-tiered orchestration, Ansible Tower powers enterprise automation by adding control, security and delegation capabilities.

# ANSIBLE

+1 800-825-0212 | [ansible.com](https://ansible.com) | [info@ansible.com](mailto:info@ansible.com)

Copyright © 2015 ANSIBLE, INC. All rights reserved.