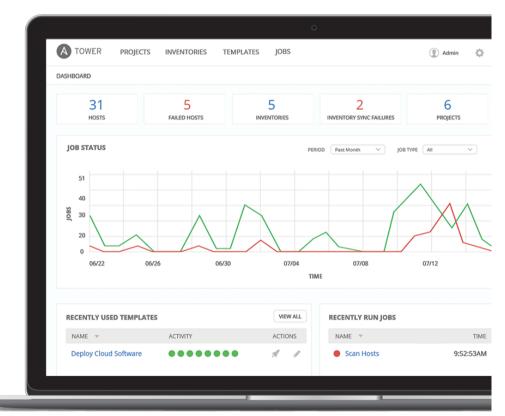


The Ansible project is an open source community sponsored by Red Hat. It's also a **simple automation language** that perfectly describes IT application environments in **Ansible Playbooks**.

Ansible Engine is a **supported product** built from the Ansible community project.

Ansible Tower is an **enterprise framework** for controlling, securing, managing and extending your Ansible automation (community or engine) with a

UI and RESTful API.







THE ANSIBLE WAY

CROSS PLATFORM

Agentless support for all major OS variants, physical, virtual, cloud and network devices.

VERSION CONTROLLED

Playbooks are plain-text. Treat them like code

in your existing version control.

HUMAN READABLE

Perfectly describe and document every aspect of your application environment.

DYNAMIC INVENTORIES

Capture all the servers 100% of the time, regardless of infrastructure, location, etc.

PERFECT DESCRIPTION OF APPLICATION

Every change can be made by Playbooks, ensuring everyone is on the same page.

ORCHESTRATION PLAYS WELL WITH OTHERS

Every change can be made by Playbooks, ensuring everyone is on the same page.



WHY ANSIBLE?



SIMPLE

Human readable automation

No special coding skills needed

Tasks executed in order

Usable by every team

Get productive quickly



POWERFUL

App deployment

Configuration management

Workflow orchestration

Network automation

Orchestrate the app lifecycle



AGENTLESS

Agentless architecture

Uses OpenSSH & WinRM

No agents to exploit or update

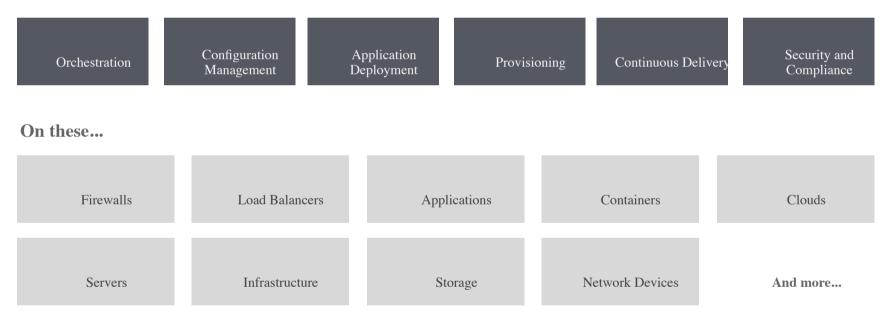
Get started immediately

More efficient & more secure



Automate the deployment and management of your entire IT footprint.

Do this...



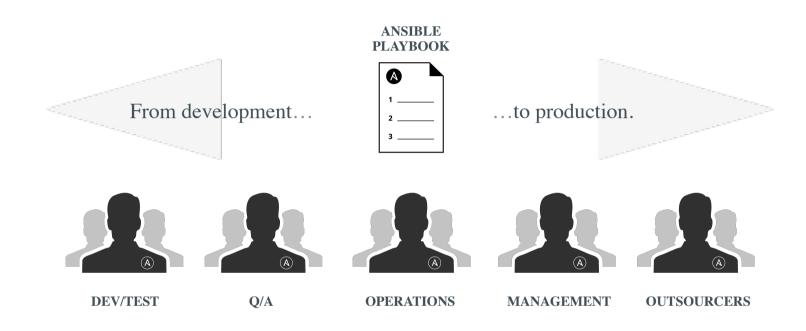


HOW ANSIBLE WORKS

ANSIBLE







Ansible is the first automation language that can be read and written across IT.

Ansible is the only **automation engine** that can automate the entire application lifecycle and continuous delivery pipeline.

PLAYBOOK EXAMPLE ANSIBLE

```
- name: install and start apache
hosts: web
become: yes
vars:
  http port: 80
tasks:
- name: httpd package is present
  yum:
    name: httpd
    state: latest
- name: latest index.html file is present
  copy:
    src: files/index.html
    dest: /var/www/html/
- name: httpd is started
  service:
    name: httpd
      state: started
```



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AWS

Azure

CenturyLink

CloudScale

Digital Ocean

Docker

Google

Linode

OpenStack

Rackspace

And more...

VIRT AND CONTAINER Docker

VMware

RHEV

OpenStack

OpenShift

Atomic

CloudStack

And more...

WINDOWS

ACLs

Files

Commands

Packages

IIS

Regedits

Shell

Shares

Services

DSC

Users

Domains

And more...

NETWORK

Arista

A10

Cumulus

Big Switch

Cisco

Cumulus

Dell

F5

Juniper

Palo Alto

OpenSwitch

And more...

NOTIFY

HipChat

IRC

Jabber

Email

RocketChat

Sendgrid

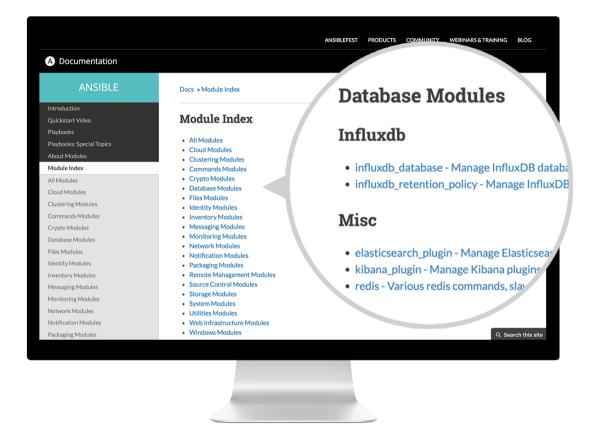
Slack

Twilio

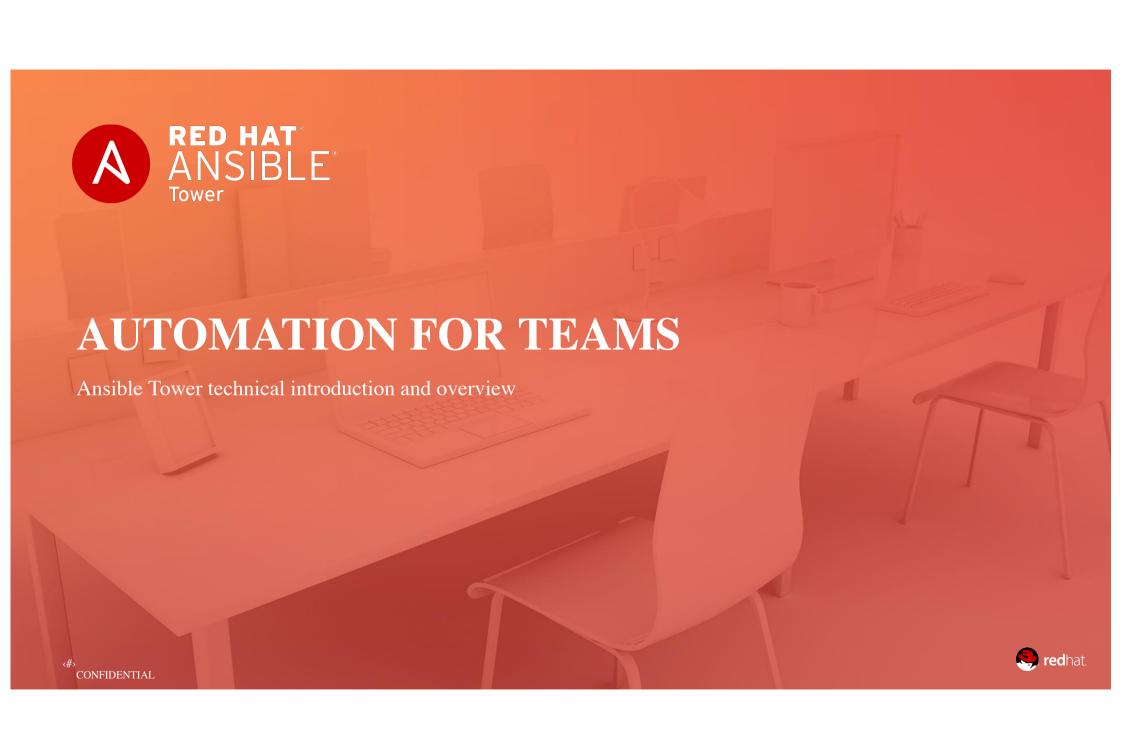
And more...



docs.ansible.com ANSIBLE



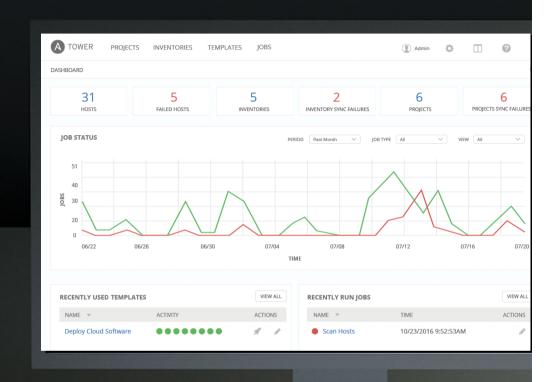




WHAT IS ANSIBLE TOWER?

Ansible Tower is an **enterprise framework** for controlling, securing and managing your Ansible automation – with a **UI and RESTful API.**

- Role-based access control
- **Deploy** entire applications with **push-button deployment** access
- All automations are centrally logged





RED HAT ANSIBLE TOWER

Scale + operationalize your automation

CONTROL

KNOWLEDGE

DELEGATION

RED HAT ANSIBLE ENGINE

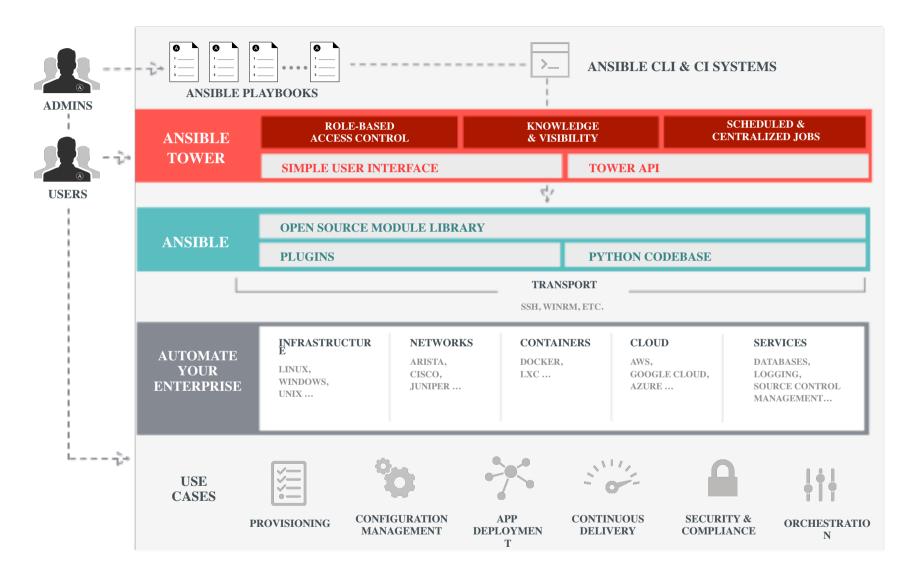
Support for your Ansible automation

SIMPLE

POWERFUL

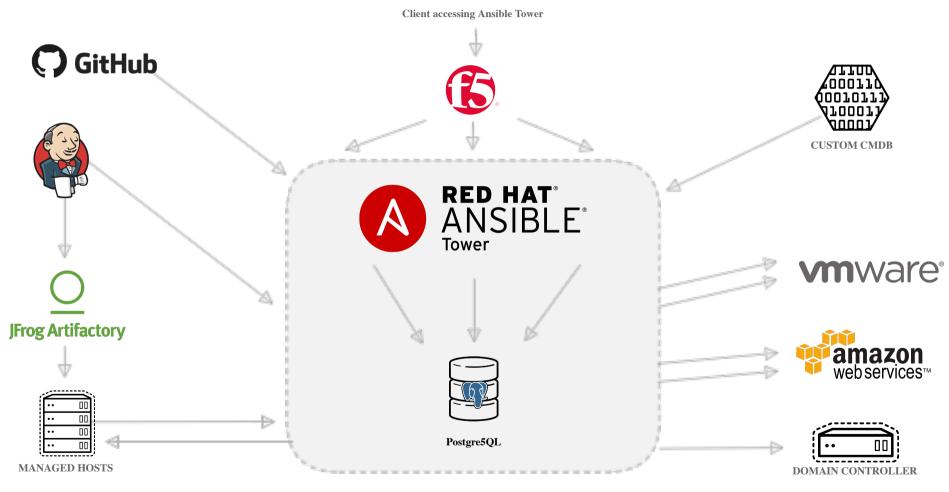
AGENTLESS

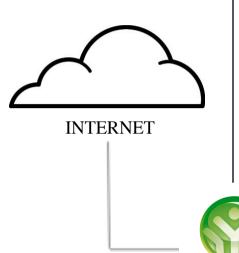
FUELED BY AN INNOVATIVE **OPEN SOURCE** COMMUNITY



ANSIBLE TOWER INTEGRATIONS







VMware Fusion



GitLab















dev scratch appsrv01

appsrv02

