

#ANSIBLEAUTOMATES

AUTOMATION EVERYWHERE

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github: @tima



ANSIBLE



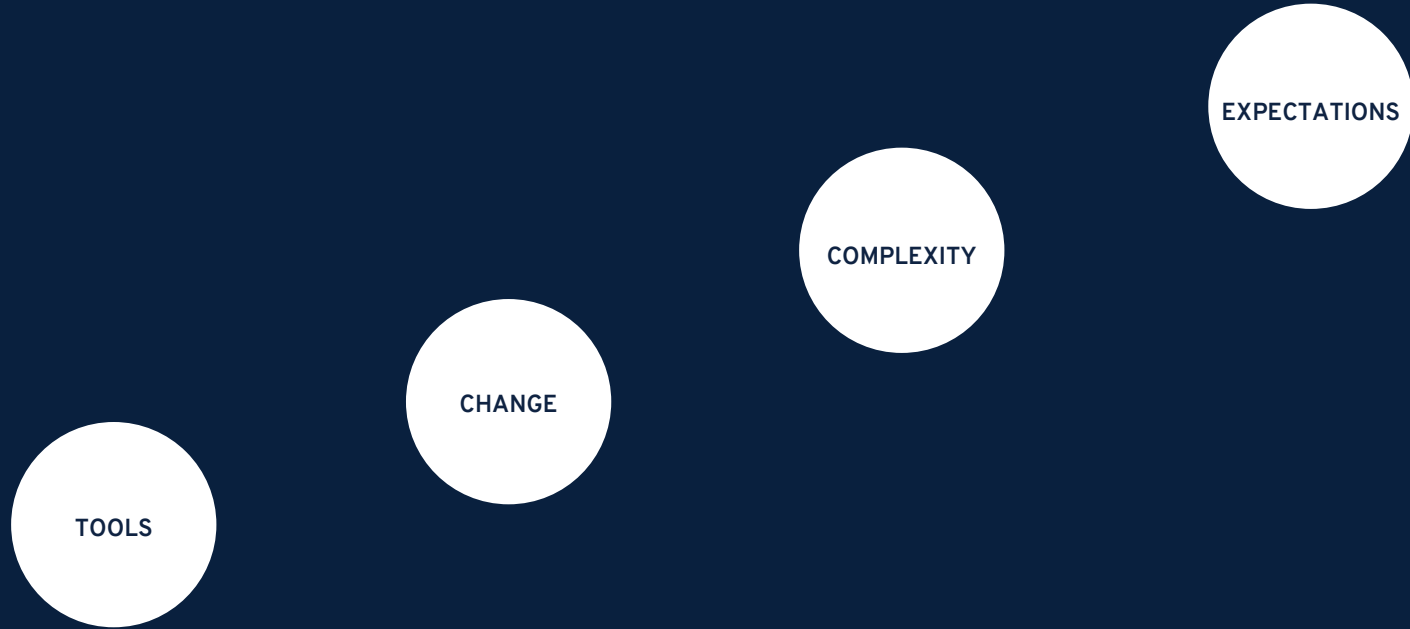
Automation happens when **one person** meets
a problem they never want to solve again

WE'RE NOT JUST SOLVING PROBLEMS TODAY



IT OPS

FOR I.T. ORGANIZATIONS, THE RISE IS INEVITABLE



AUTOMATION MAKES THE RISE MANAGEABLE



TOOLS

CHANGE

COMPLEXITY

EXPECTATIONS



ACCELERATE



INTEGRATE



COLLABORATE

BUT EMPOWERING YOUR TEAMS FOR THE FUTURE



INFRASTRUCTURE



NETWORK



IT OPS

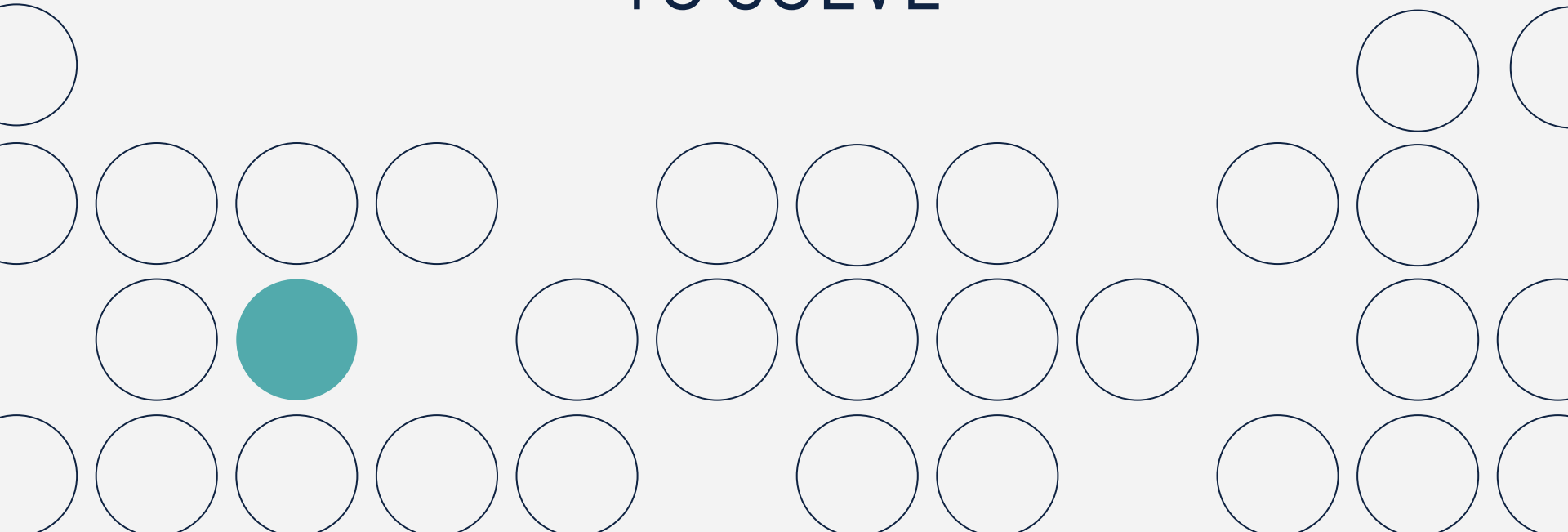


DEVOPS

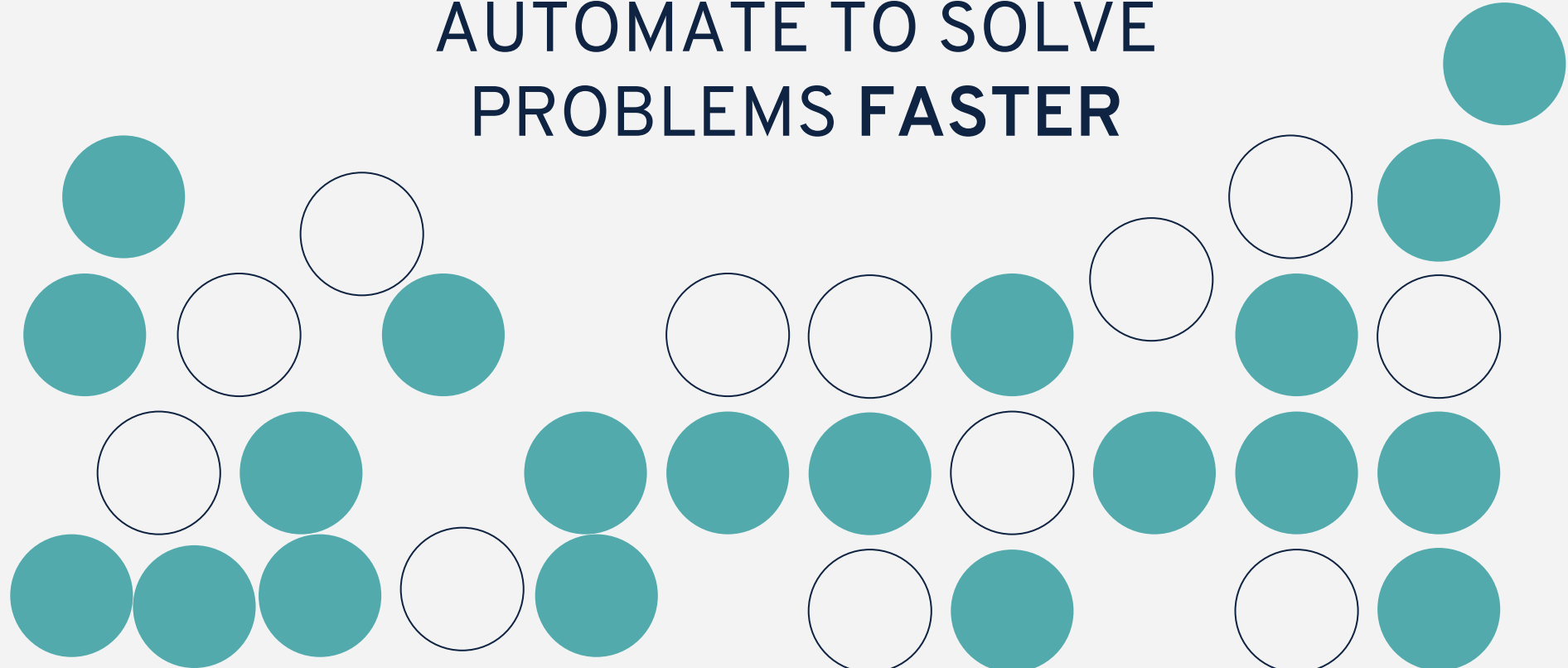


SECURITY

**WE ALL HAVE
MORE THAN ONE PROBLEM
TO SOLVE**



HELPING TEAMS
AUTOMATE TO SOLVE
PROBLEMS FASTER



MANAGED SYSTEMS

1 million

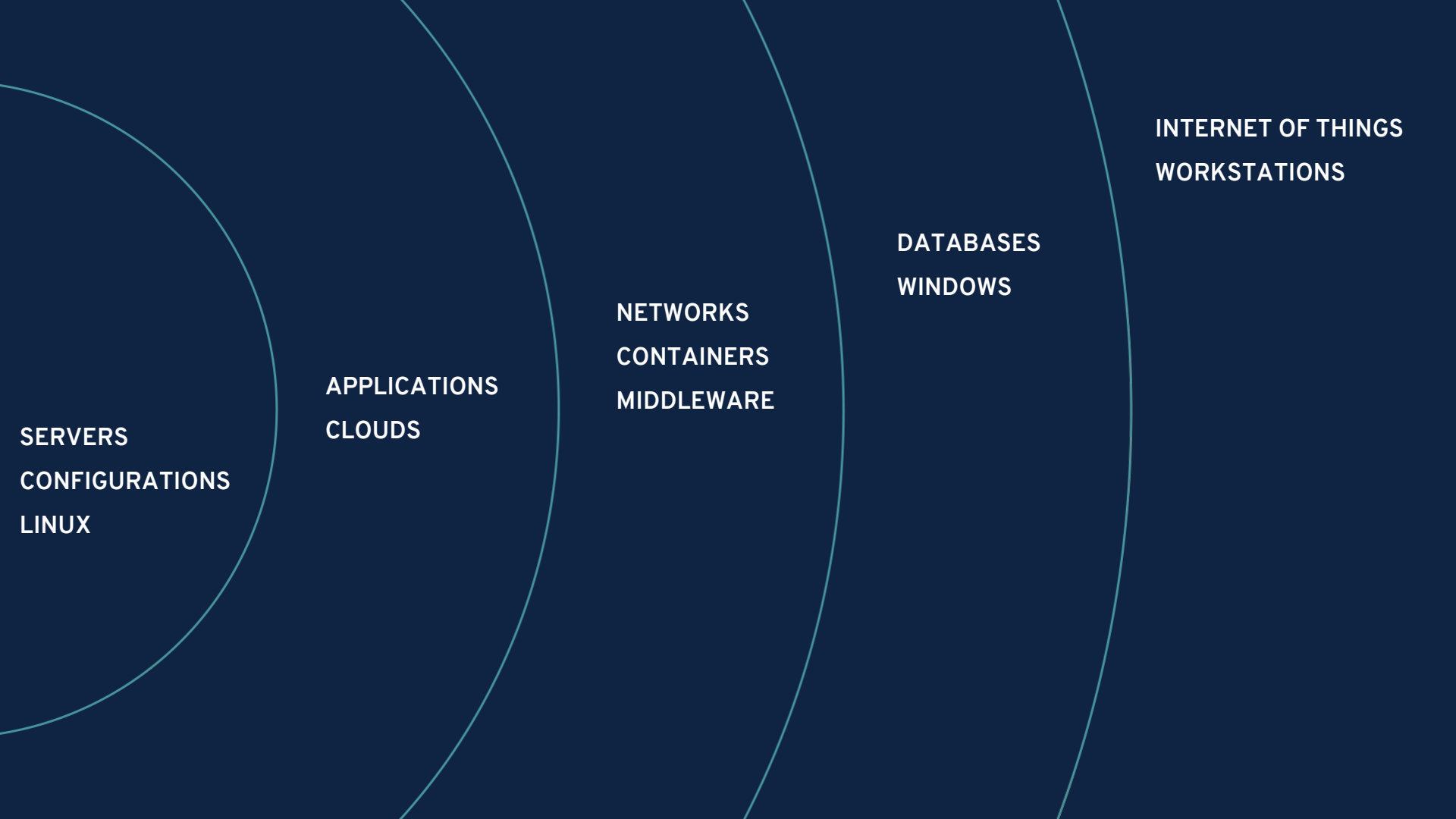
4 YEARS

2 million

7 MONTHS

“Anybody can pick up the basics in an hour and
be productive in less than a day.”

Jeff Geerling



SERVERS
CONFIGURATIONS
LINUX

APPLICATIONS
CLOUDS

NETWORKS
CONTAINERS
MIDDLEWARE

DATABASES
WINDOWS

INTERNET OF THINGS
WORKSTATIONS

NEW FOCUS

SECURITY AUTOMATION



INFRASTRUCTURE

Stacki
VMware
Windows
RHEL
Netapp

NETWORK

Cumulus
F5
OpenSwitch
Arista
A10
Palo Alto
Juniper
Cisco
Big Switch
Dell

SECURITY

Splunk
Palo Alto
Snort
F5
Check Point

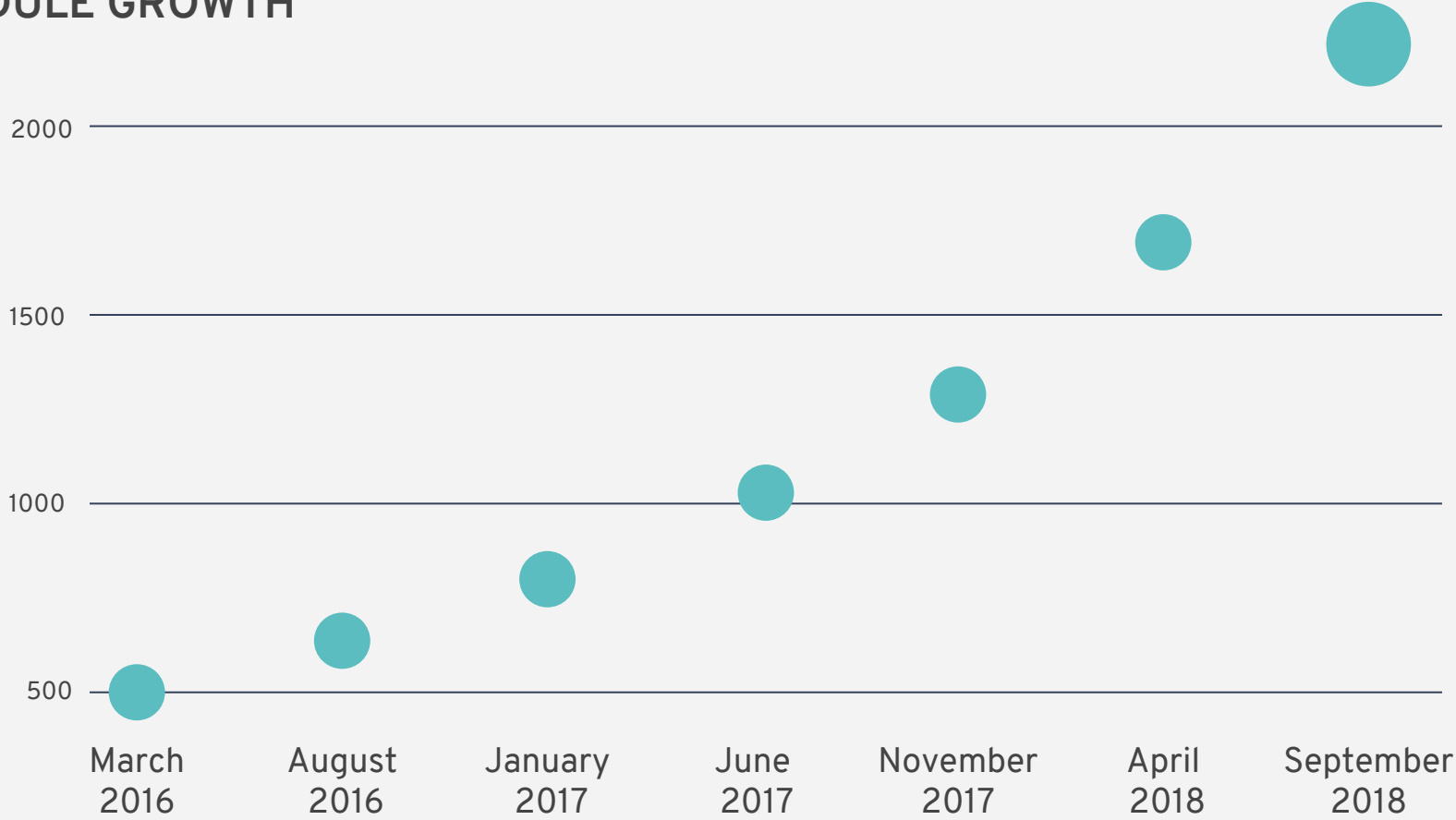
DEVOPS

HipChat
Sendgrid
Jabber
Email
Twilio
RocketChat
Slack
IRC

CLOUD

Google
Linode
OpenStack
Digital Ocean
Century Link
Docker
AWS
Azure
Cloud Scale
Rackspace

MODULE GROWTH





ANSIBLE CERTIFIED

TRUSTED AUTOMATION

FULLY SUPPORTED

RED HAT ANSIBLE AUTOMATION CERTIFICATION

RED HAT ANSIBLE
AUTOMATION
CONTENT

CERTIFIED
(TRUSTED)
CONTENT

GENERAL
COMMUNITY
CONTENT

CERTIFIED PARTNER PROGRAM:



BUILDING ON A STRONG FOUNDATION



RED HAT®
ANSIBLE®
Automation

This is the Ansible product family. It is used to generally refer to Ansible products.



RED HAT®
ANSIBLE®
Engine

Red Hat Ansible Engine. Simple, powerful, agentless. Includes full support for execution engine, core modules, and the Red Hat Subscription.



RED HAT®
ANSIBLE®
Tower

Control, knowledge, delegation for operationalizing enterprise automation environments for teams.

**OPEN SOURCE
(COMMUNITIES)**



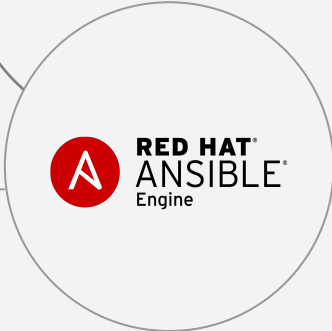
**RED HAT ANSIBLE AUTOMATION
(ENTERPRISE)**



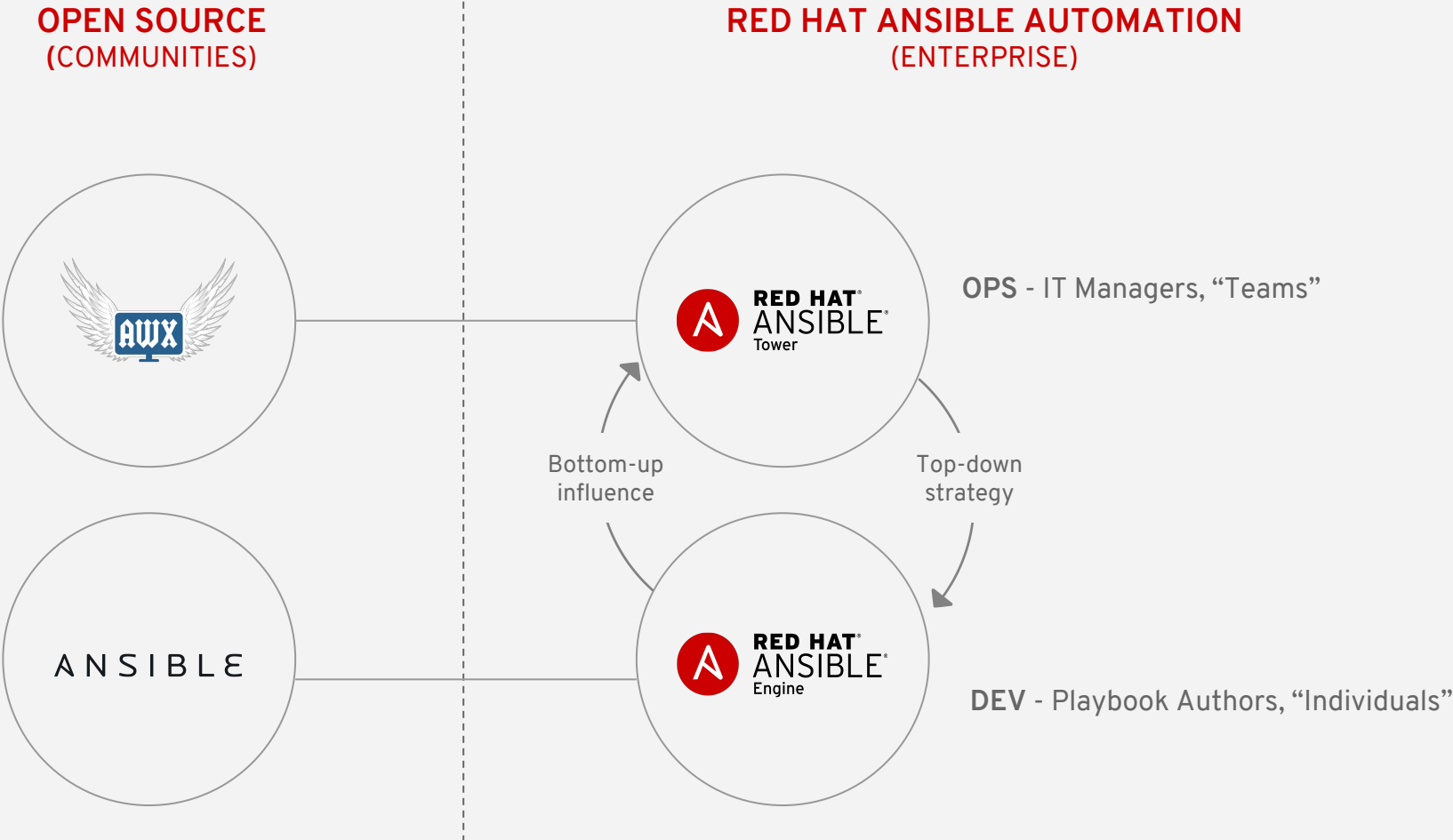
OPS - IT Managers, "Teams"

Bottom-up
influence

Top-down
strategy



DEV - Playbook Authors, "Individuals"





RED HAT[®]
ANSIBLE[®]
Engine

2.7

SCALABILITY

ACCESS

CONTENT

2.8

CONTENT

EXTENSIBILITY

PERFORMANCE



RED HAT[®]
ANSIBLE[®]
Tower

3.3

CONTAINERS

PERFORMANCE

VERSIONING

3.4

SCALABILITY

ACCESS

CONTENT

HOW ENGINE AND TOWER WORK TOGETHER:



NEW 3.3 VERSION!

Job Templates
Workflows
Role-based Access
Job Scheduling
Enhanced Logging



API AND GUI-BASED FOR
LARGE TEAMS OF OPERATORS



NEW 2.7 VERSION!

Ansible Playbook
Ansible Platform
Modules
Connection Plug-ins
(NETCONF/SSH , CLI/SSH, API/SSH)

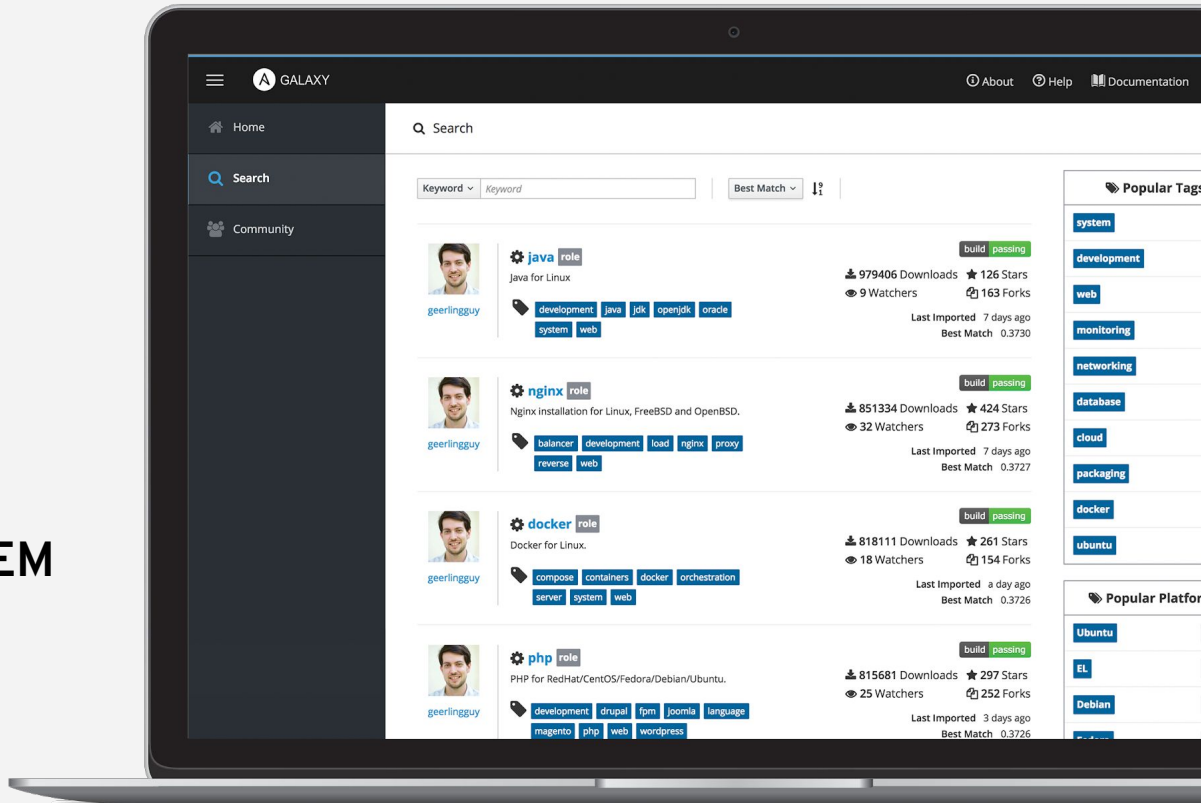


CLI-BASED FOR
INDIVIDUALS,
DEVELOPERS, AND
SMALL TEAMS



GALAXY

EXPANDING THE ECOSYSTEM



SEPTEMBER 24-26

#ANSIBLEFEST
ATLANTA
2019



redhat

ANSIBLE

WHY RED HAT

ENGINEERING

PRODUCT

SUPPORT

CONSULTANCY



The world's leading provider of open source, enterprise IT solutions:

MORE THAN
90%
of companies
in the
FORTUNE
500
use
RED HAT
PRODUCTS &
SOLUTIONS*

~12,627
EMPLOYEES

S&P
500
COMPANY

THE FIRST
+\$2
BILLION
OPEN
SOURCE
COMPANY
IN THE WORLD

95+ **35+**
OFFICES COUNTRIES

NYSE
RHT

THE 3 PILLARS OF RED HAT'S BUSINESS



HYBRID CLOUD INFRASTRUCTURE

Infrastructure software
across the 4 footprints,
with Linux at the core



CLOUD-NATIVE APP PLATFORMS

Software to rapidly &
efficiently develop & deploy
apps across hybrid cloud



AUTOMATION & MANAGEMENT

Software to simplify
maintenance & control of
hybrid cloud environments



WHAT OUR CUSTOMERS ACHIEVED



ARMY

INDUSTRY:

Government

REGION:

EMEA

CHALLENGE

Manual process for
configuration & patching

USING RED HAT ENTERPRISE LINUX AND ANSIBLE TOWER:

Reduced delivery time by **75%**

Accelerated deployment of emergency
patches from **3 days to 3 hours**

Improved consistency and **reduced
manual errors**



INDUSTRY:
Health Care

REGION:
North America

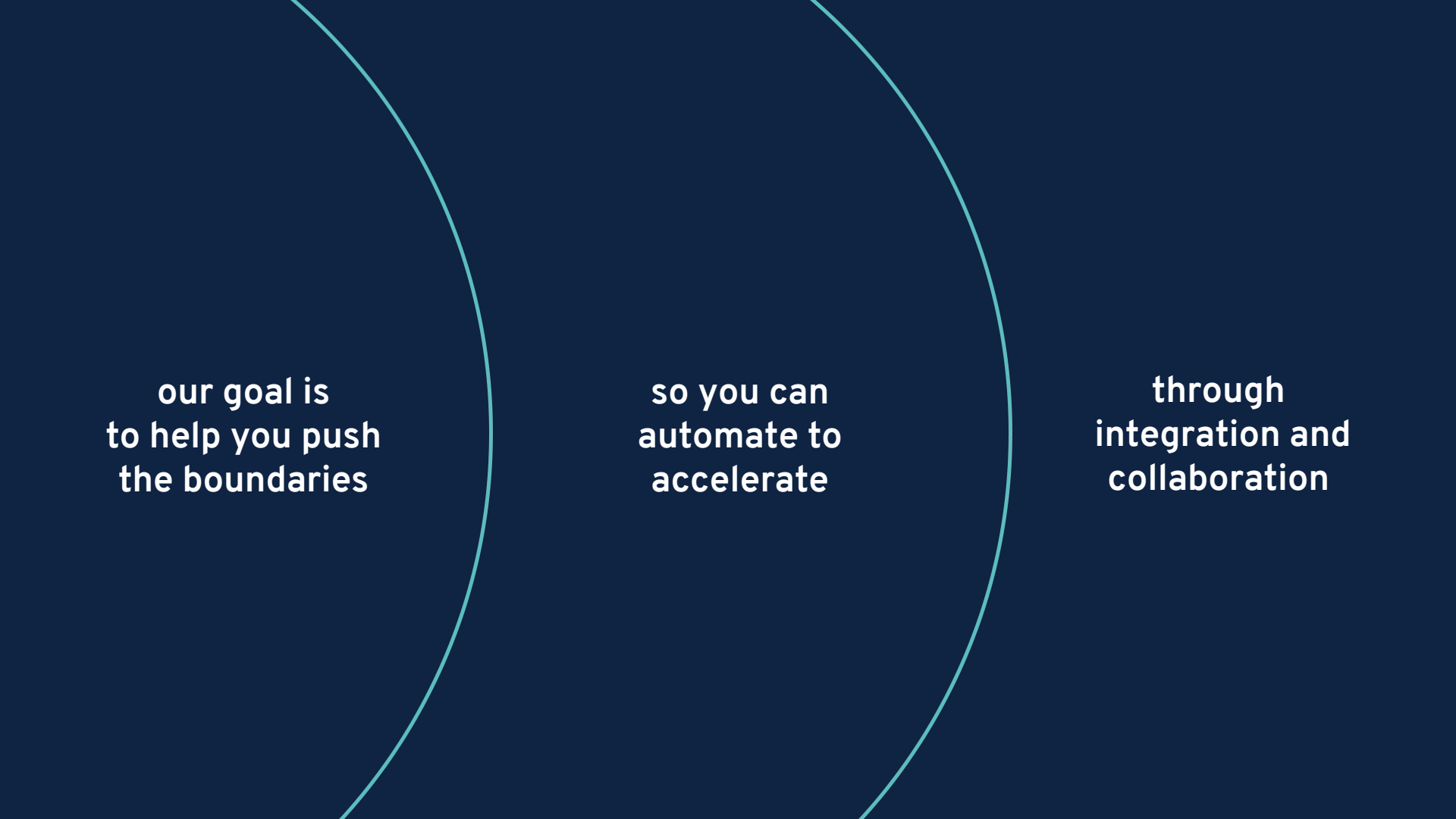
CHALLENGE
Improve software development infrastructure and datacenter networking to help DevOps team meet business demands

USING RED HAT ANSIBLE TOWER:

Reduced downtime from manual errors

Improved productivity and efficiency

Enhanced security of critical systems and data



**our goal is
to help you push
the boundaries**

**so you can
automate to
accelerate**

**through
integration and
collaboration**

The background features a series of concentric circles in a light teal color, centered on a dark blue background. The circles vary in radius, creating a sense of depth and movement.

WHAT YOU AUTOMATE

**the world
accelerates**



AUTOMATION EVERYWHERE



ANSIBLE