The Automation to Unite!
from Consistency to AI-Driven Efficiency

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Belkacem MOUSSOUNI

Head of Business Development EMEA – Automation

Linkedin.com/in/belkacemmoussouni/

Automation: the engine behind forces shaping IT

| Tool Consolidation and more cross-department collaboration	AI leadership and security are CIO imperatives	Consistency, reliability, and compliance at scale while managing heterogeneity
By 2027, **75% of enterprises will combine their siloed automation initiatives** to improve overall value. [1] This figure was **10% in 2022**	**75% of executives** are committed to **investing in security, risk and compliance** and **automation/AI** in 2025.[2] The figure was **25% in 2021**.*	By 2026, 30% of **enterprises** will automate more than half of their network activities. [1] This figure was **under 10% in mid-2023**

1. Gartner Hype Cycle for I&O Automation, .
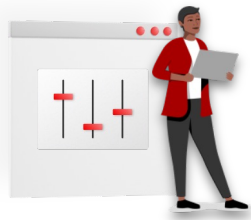2. IDC, June 2024
3. Gartner Market Guide for Infrastructure Automation and Orchestration Tools, Feb 2024

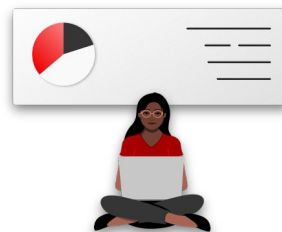# Success at scale with automation is not a given

Common barriers that stifle automation adoption
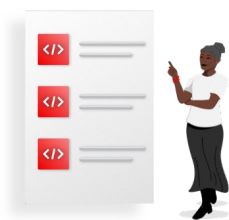
Lack of executive sponsorship

Undefined automation strategy / roadmap

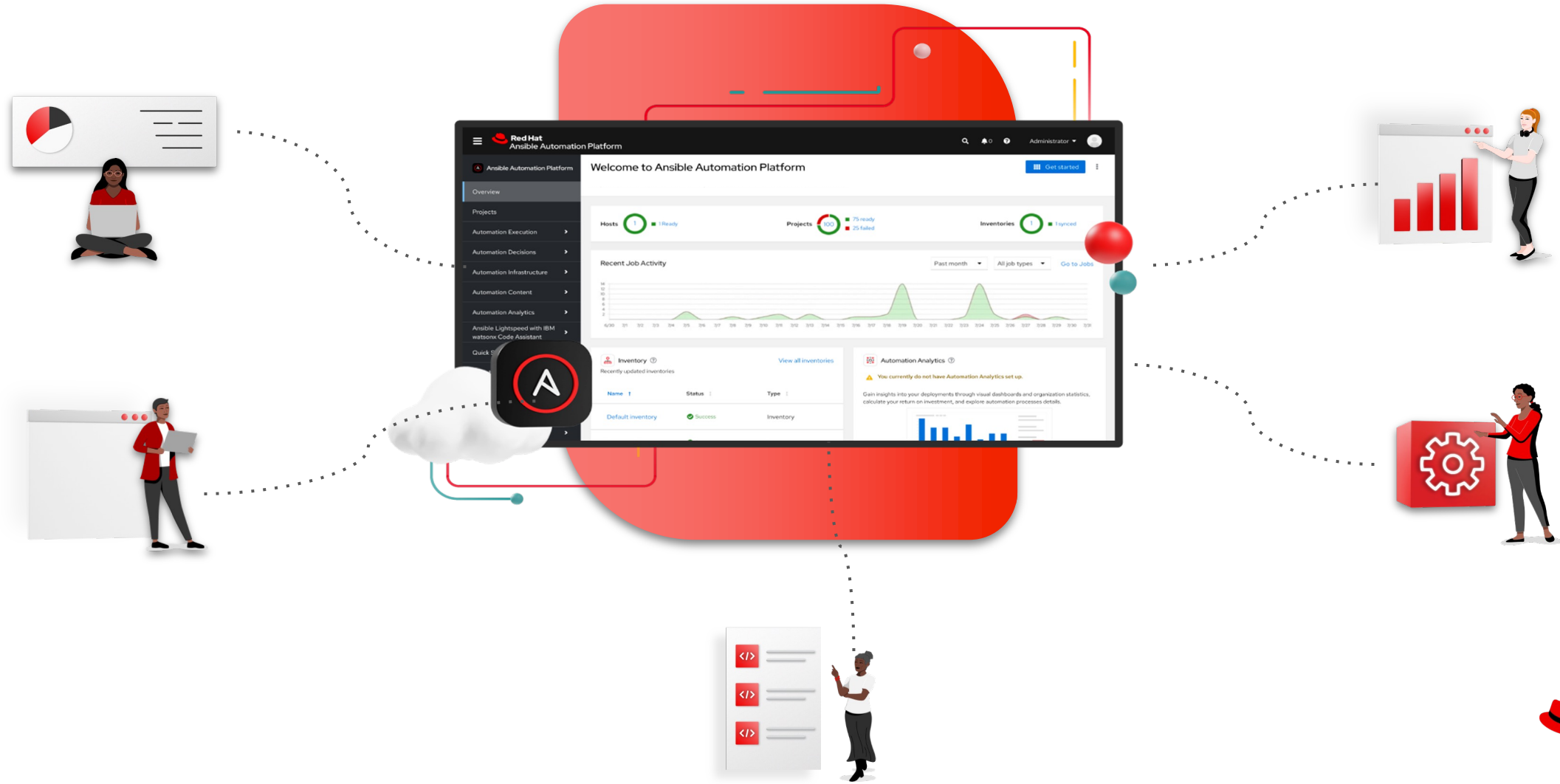Skills gap and onboarding friction

Cultural resistance to change

Operational silos

Getting to the next level requires a change in approach

Red Hat Ansible Automation Platform

One Platform, Every task, Any scale

The Red Hat Ansible experience is evolving to help organisations scale automation faster
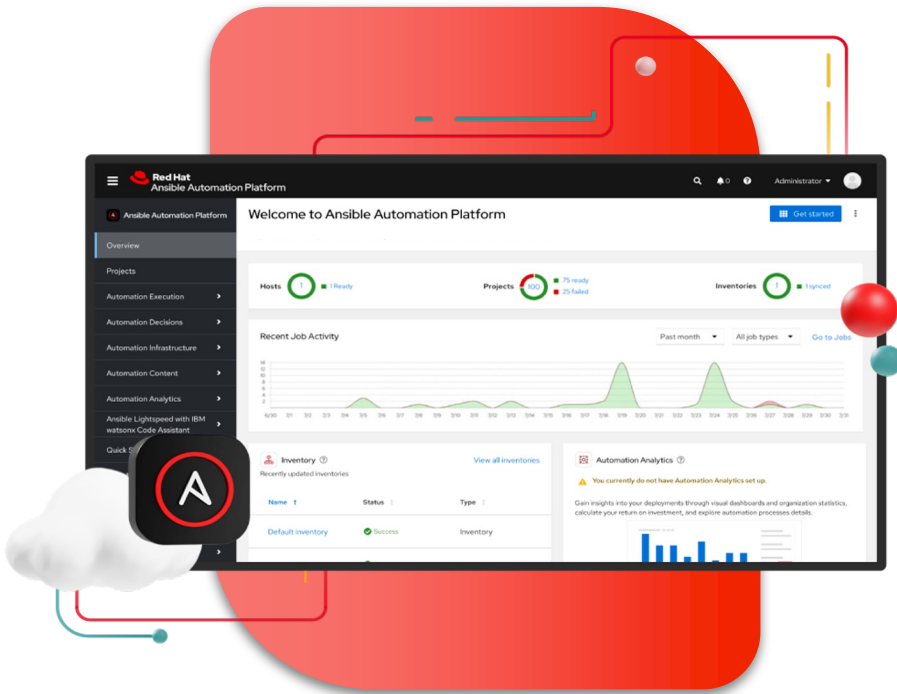
One Platform, Every task, Any scale

The Red Hat Ansible experience is evolving to help organisations scale automation faster

Automate and orchestrate workflows across your organization for **more consistency**, while streamlining processes, reducing complexity, and freeing up time for innovation.

A common platform for scaling automation across environments

Networking   **OS**   **Cloud**   **Virtualization**   **App delivery**   **AI**
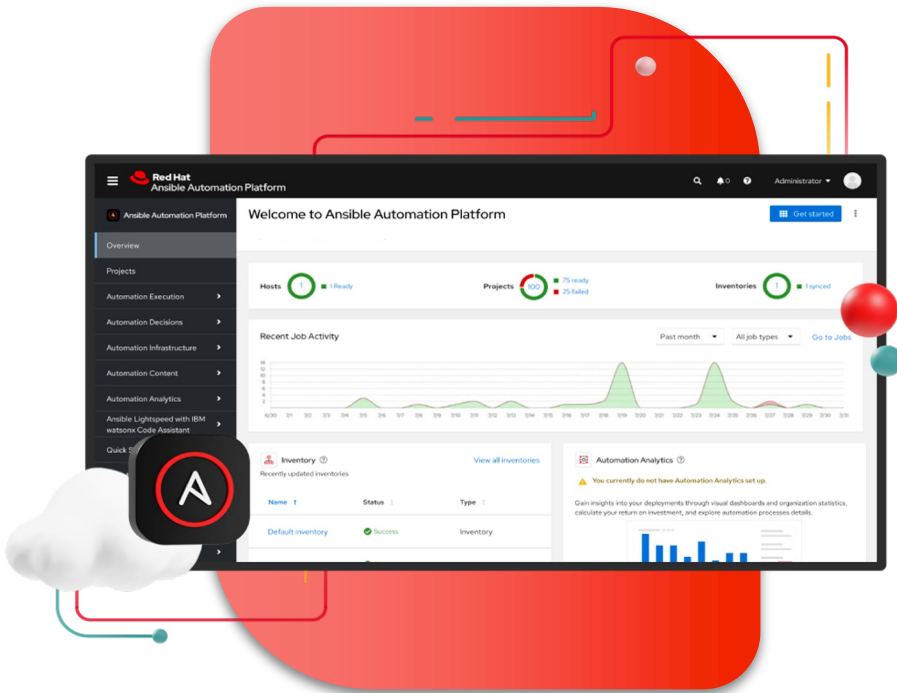
Red Hat
Ansible Automation
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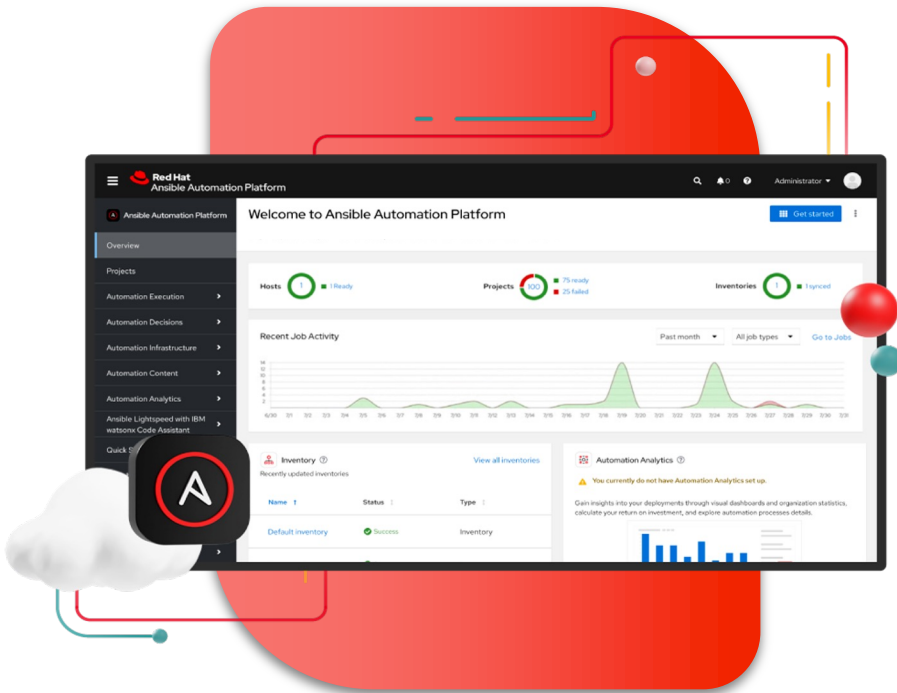
Automate and orchestrate workflows across your organization for **more consistency**, while streamlining processes, reducing complexity, and freeing up time for innovation.

Leverage automation for **more efficiency** as a catalyst for collaboration, growth, and more productive teams leveraging AI capabilities.

Introducing the Red Hat Ansible Lightspeed **intelligent assistant**

Like having an Ansible administrator as close as your keyboard

PLATFORM ASSISTANCE

▸ **ONBOARD FASTER**

▸ **REDUCE FRUSTRATION & FRICTION**

▸ **SIMPLIFY PLATFORM ADMINISTRATION**

▸ **Example prompts:**

- ○ "What is an execution environment?"
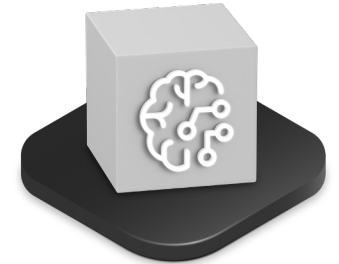- ○ "How do I upgrade to the latest version of Ansible Automation Platform?"


9

One Platform, Every task, Any scale

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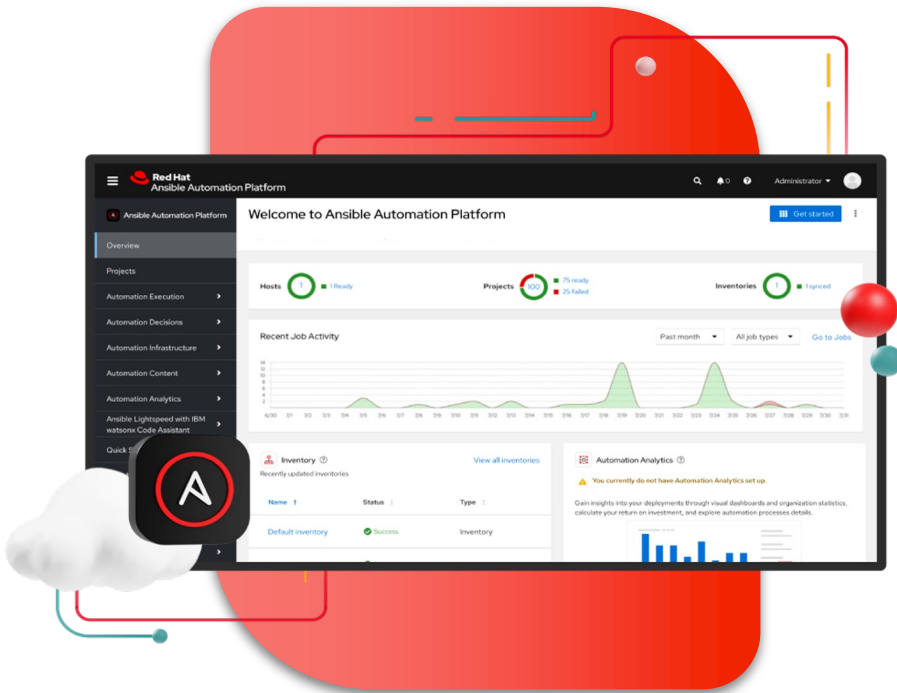
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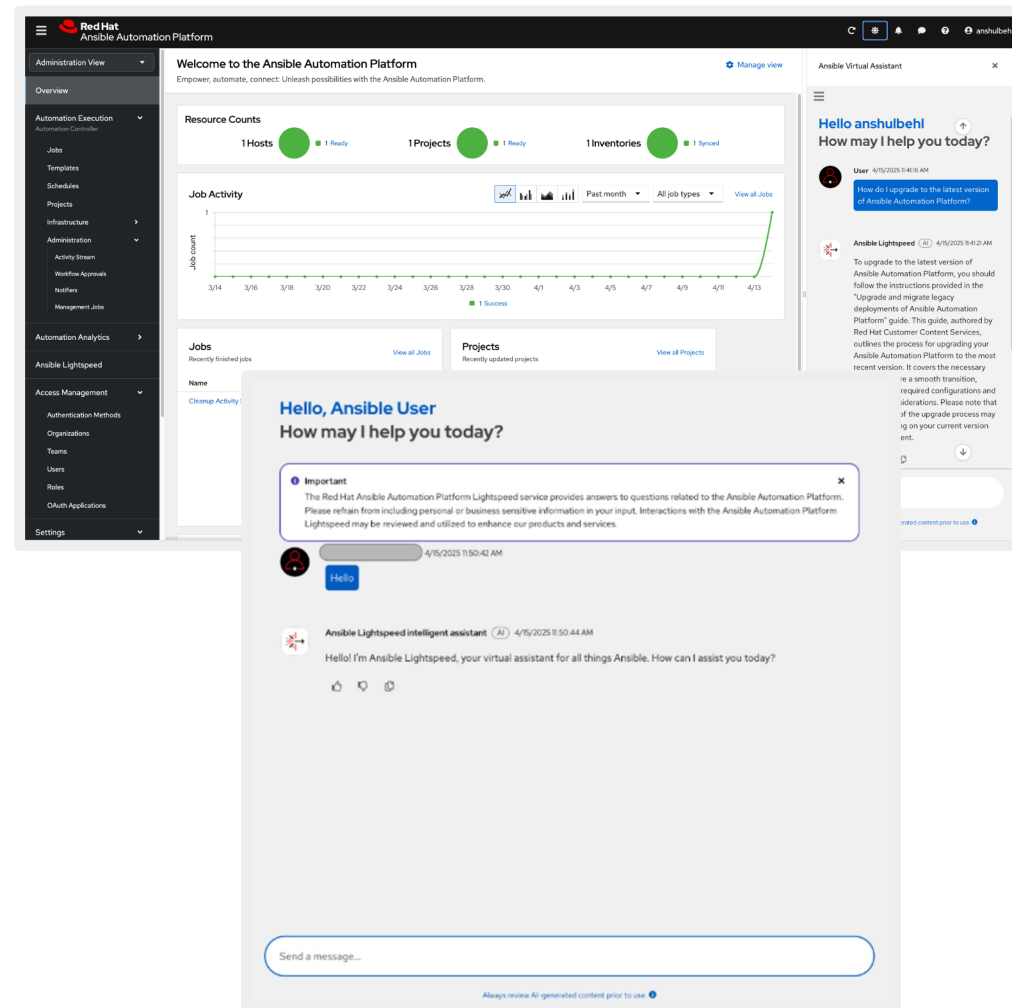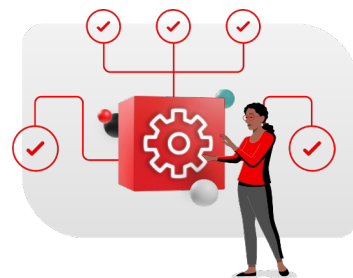
Quickly achieve strategic momentum with tools such as EDA, integrations that empower your teams for **more reliability** operations and accelerate time to value.

Event-Driven Ansible: Intelligence into action

EVENT

IOIO
IIOII
OIIII

▸ Watch data / streaming data
▸ Identify event
▸ With or without notification
and ticketing integration

DECISION

▸ Routed for remediation
▸ Identify known problem
▸ Trigger required workflow
▸ Create rulebooks in real-time with AI

EVALUATE

OBSERVE

Blog: custom plugins

AIOps tools:

splunk> a CISCO company

INSTANA an IBM Company

IBM Turbonomic

kentik

paloalto NETWORKS

servicenow

BigPanda

ZABBIX

CROWDSTRIKE

dynatrace DIGITAL PERFORMANCE MANAGEMENT

f5

CYBERARK®

RESPOND

AUTOMATION

▸ No human action required
▸ Automated resolution triggered
▸ Remediation action completed
▸ Shorter MTTR

Red Hat

An integrated solution for the enterprise.

Automation creation

Create

- Ansible Content Collections
- Ansible development tools
- Ansible plugins for Red Hat Developer Hub
- Ansible development workspaces
- Red Hat Ansible Lightspeed

Automation administration

- Red Hat Ansible Automation Platform Operator — **Manage**
- Event-Driven Ansible
- Automation mesh
- Execution Environments — **Scale**

Automation Deployment

Red Hat Enterprise Linux   Red Hat OpenShift   aws   Azure   Google Cloud

Scale

Business Tools and Analytics

Red Hat Insights   Automation analytics

Manage

Red Hat
Ansible Automation
Platform

The reality of **Hybrid Cloud IT Automation**
Content you can trust while ensuring policy compliance

200+ Certified Content Collections

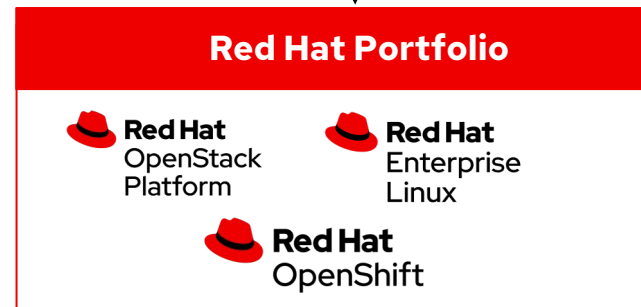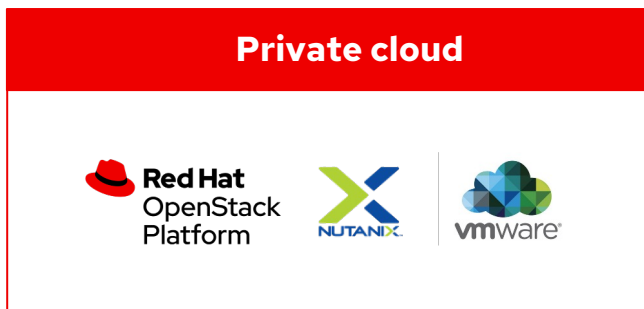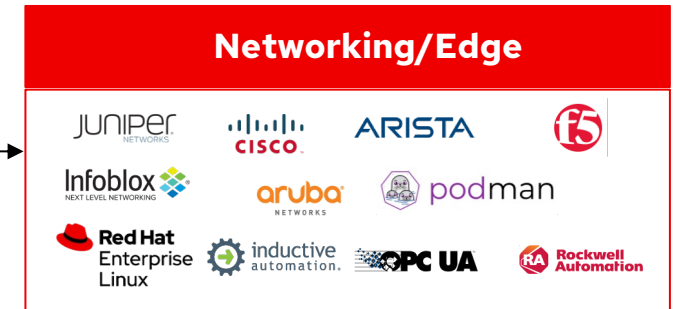**70+** Certified Technology partners

100+ Systems integrators + Resellers

55,000 GitHub stars

1000+ Active open source contributors

AI Services
Red Hat OpenShift AI

ITSM & Observability
IBM
servicenow
dynatrace

Infrastructure
Red Hat Enterprise Linux
Windows
nimble storage
NetApp
DATADOG
Hewlett Packard Enterprise
PURESTORAGE

Cloud Native/Public cloud
AZURE RESOURCE MANAGER
AWS CloudFormation
HashiCorp Terraform
Google Cloud
Azure
aws
Cloud Deployment Manager
kubernetes

Networking/Edge
JUNIPER NETWORKS
CISCO
ARISTA
f5
Infoblox NEXT LEVEL NETWORKING
aruba NETWORKS
podman
Red Hat Enterprise Linux
inductive automation.
OPC UA
RA Rockwell Automation

Private cloud
Red Hat OpenStack Platform
NUTANIX
vmware

Red Hat Portfolio
Red Hat OpenStack Platform
Red Hat Enterprise Linux
Red Hat OpenShift

Security
paloalto NETWORKS
CYBERARK
CROWDSTRIKE
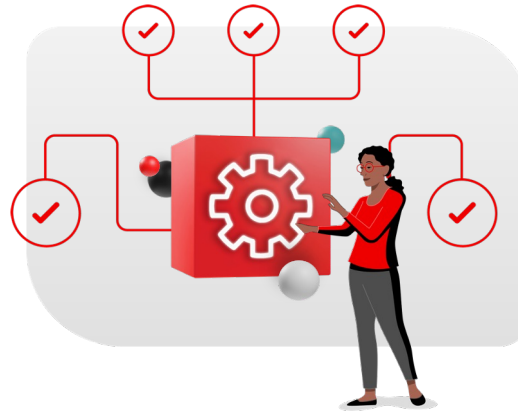IBM
Check Point SOFTWARE TECHNOLOGIES LTD
splunk>
FORTINET

Ansible, AI, and next era of IT operations
Delivering strategic outcomes for your organization

Standardize AI
infrastructure automation

Unlock AIOps
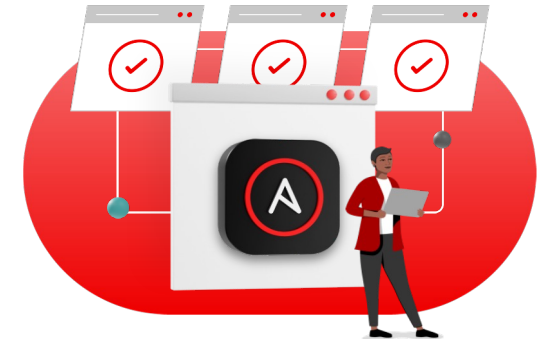
Ensure policy
compliance

✓ **CONSISTENCY**

✓ **EFFICIENCY**

✓ **RELIABILITY**

Business Value Delivered to Ansible Platform Customers

Customers who moved from AWX to AAP

ticketmaster

Reduced the time for **software deployment from 3 days to 1 hour**

CA GROUP INFRASTRUCTURE PLATFORM

Automated **20,000 Linux servers into just 1 hour of manual work**

CEPSA

18 months of FTE reallocated [from automation maintenance] to strategic IT projects

Customers who implemented Event-Driven Ansible

MM MUTUA MADRILEÑA

"Combining observability with self-healing [led to] a **50%-reduction in service tickets.**"

GLEN RAVEN®

Reduced patching from **3 hours for its environment to around 35 minutes (↘80%)**

Customers who implemented Security Automation with AAP

agile DEFENSE®

Agile Defense **reduced time spent on audits by 98%**

Southwest®

Upgrading 30 switches, which once required **5 engineers and an entire maintenance window, now takes just 30 minutes.**

Red Hat

Proven Record of Delivering Tangible Value for Customers

Red Hat Ansible Automation Platform

Productivity	Payback	Faster Deployment	Risk Avoidance
36% More team productivity gains	**8** months to payback	**68%** Faster deployment of new compute resources	**61%** Less Unplanned Downtime

668% 3 year ROI

Successfully scale your automation journey

Federated Self-Service Automation
Event-driven automation
Self-healing infrastructure

Effort per change

Team autonomy
Testing framework(s)
Expanded external integrations
Governance driven RBAC

Cross team workflows
End-to-end automation provisioning
Automation first across silos

Standard onboarding
Reliable release process

**Speed
Scale
Reliability**

| **Level 1** | **Level 2** | **Level 3** | **Level 4** | **Level 5** |
| Aware | Standardized | Proactive | Institutionalized | Optimized |

Most organizations don't get past here

The foundation for successful AI adoption is built here!

What's Next ?

Evaluate your savings
redhat.com/savetime

Increase your knowledge
redhat.com/ansible

Scale your journey
redhat.com/services

Red Hat Summit

Connect

Thank you

in linkedin.com/company/red-hat

f facebook.com/redhatinc

▶ youtube.com/user/RedHatVideos

🐦 twitter.com/RedHat