

Red Hat Ansible Automation Platform

An agentless Automation Solution for Everyone

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Many organizations share the same challenge

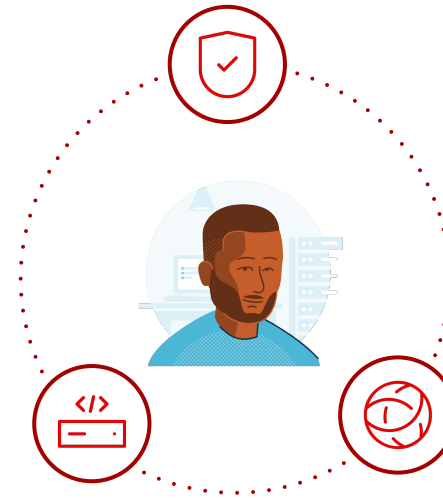
Too many unintegrated, domain-specific tools



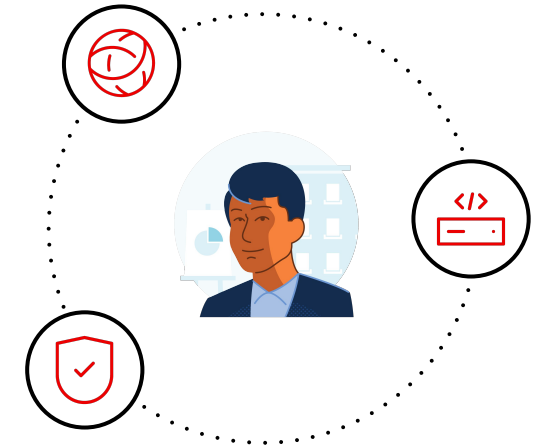
Network ops



SecOps



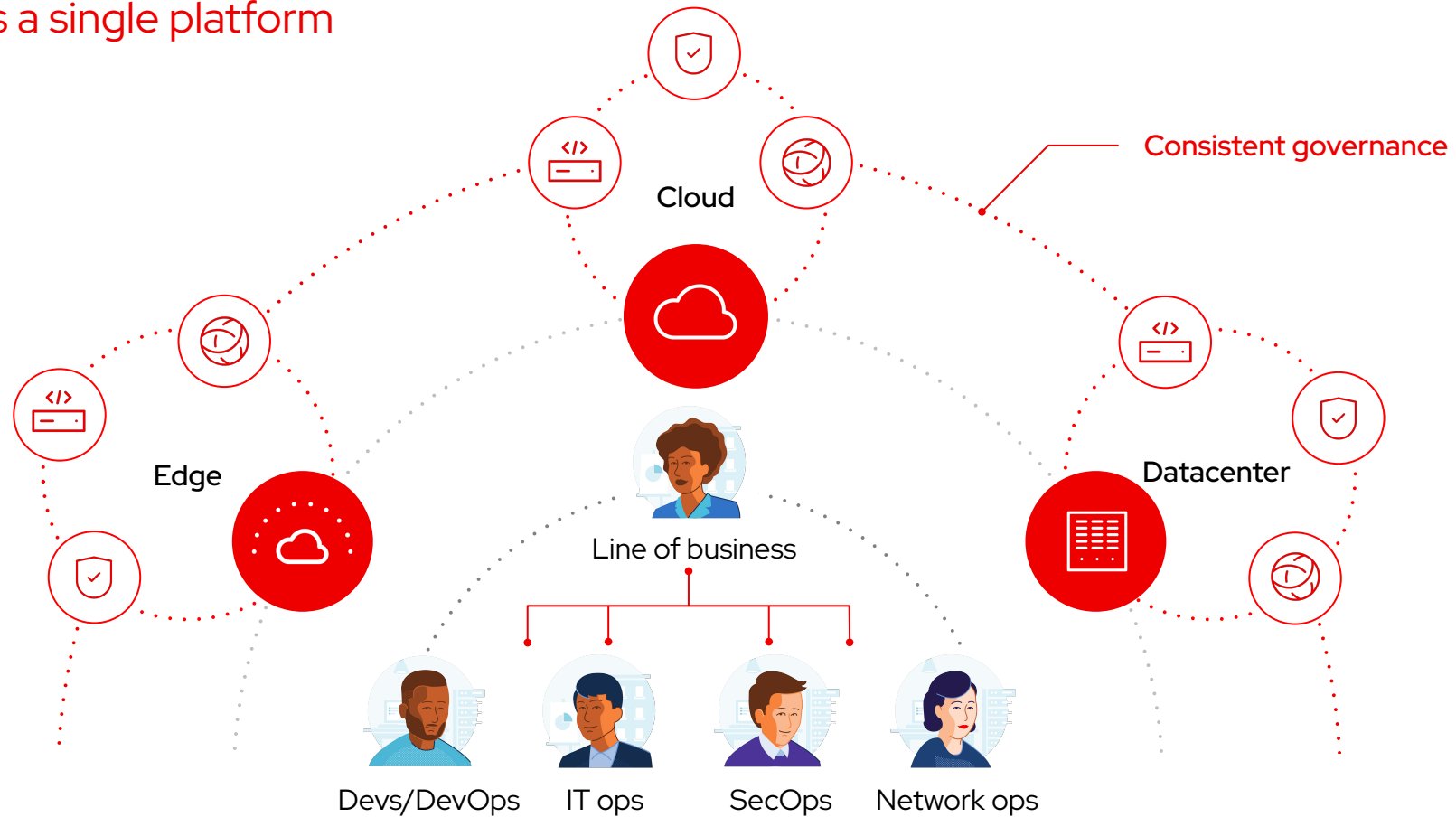
Devs/DevOps



IT ops

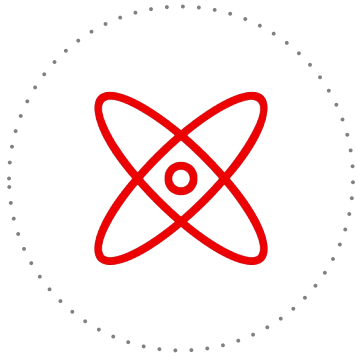
Break down silos

Different teams a single platform



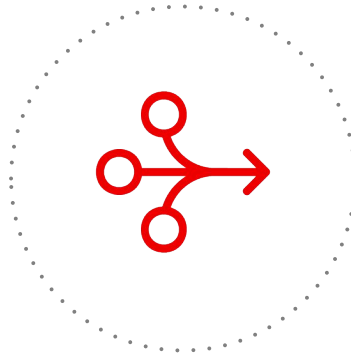
Why the Red Hat[®] Ansible[®] Automation Platform?

Why the Ansible Automation Platform?



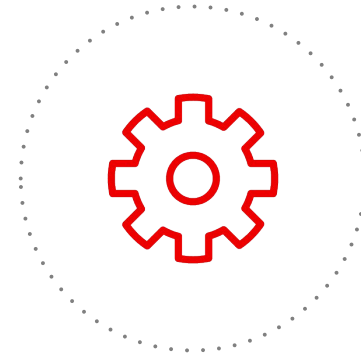
Powerful

Orchestrate complex processes at enterprise scale.



Simple

Simplify automation creation and management across multiple domains.



Agentless

Easily integrate with hybrid environments.

Ansible – A Story Of Growth

500+

Modules in Ansible 2.0

For Linux management, cloud provisioning,
application deployment, Windows
management and more.



5000+

Modules in Ansible 2.11

For all of the above, and
networking, storage, security, and
anything else you can imagine.

Ansible Automates Technologies You Use

Time to automate is measured in minutes

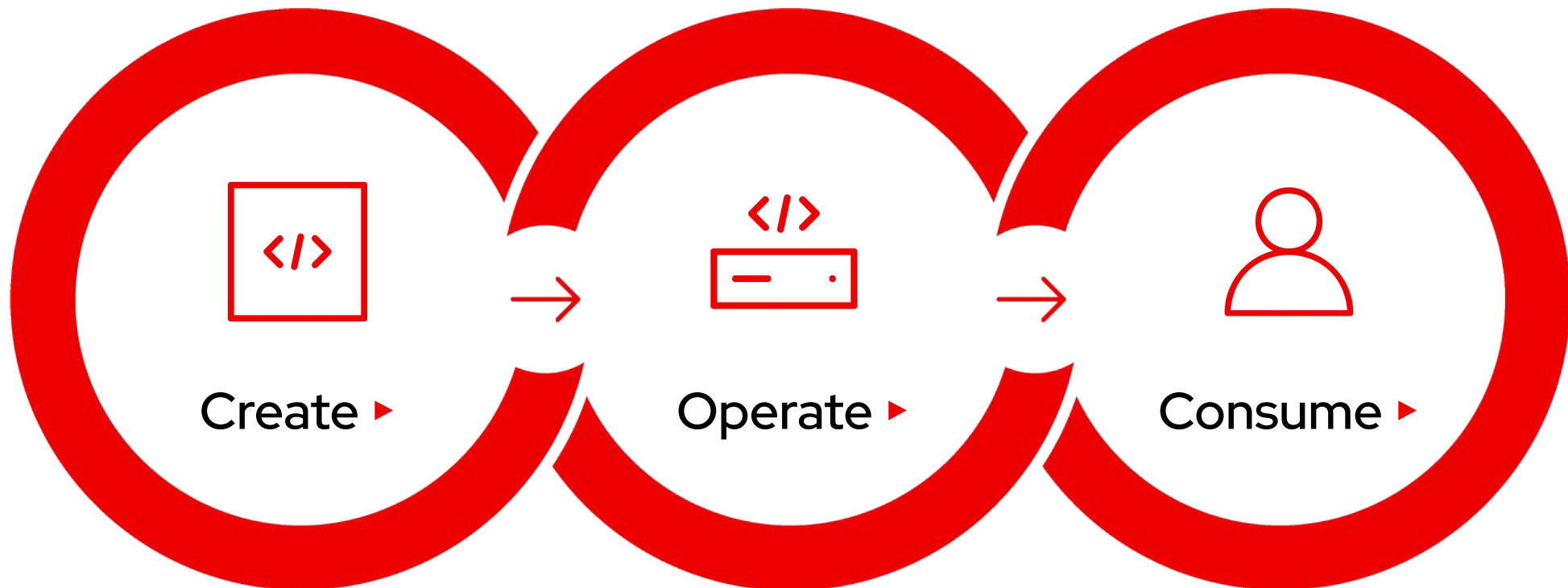
Cloud	Virt & Container	Windows	Network	Security	Monitoring
AWS	Docker	ACLs	A10	Checkpoint	Dynatrace
Azure	VMware	Files	Arista	Cisco	Datadog
Digital Ocean	RHV	Packages	Aruba	CyberArk	LogicMonitor
Google	OpenStack	IIS	Cumulus	F5	New Relic
OpenStack	OpenShift	Regedits	Bigswitch	Fortinet	Sensu
Rackspace	+more	Shares	Cisco	Juniper	+more
+more		Services	Dell	IBM	
Operating Systems	Storage	Configs	Extreme	Palo Alto	Devops
RHEL	Netapp	Users	F5	Snort	Jira
Linux	Red Hat Storage	Domains	Lenovo	+more	GitHub
Windows	Infinidat	+more	MikroTik		Vagrant
+more	+more		Juniper		Jenkins
			OpenSwitch		Slack
			+more		+more

What makes a platform?



Red Hat Ansible Automation Platform

Holistic automation for your enterprise





One subscription. One platform.

Network

Lines of business

Security

Operations

Infrastructure

Developers

Accelerate

Ansible Content
Collections

Collaborate

Automation
Hub

Governance

Automation
services catalog

Trust

Certified
content

Inform

Automation
Analytics

Red Hat Ansible Controller: Operate and control at scale.

Red Hat Ansible Core: Universal language of automation

Fueled by an open source community



```
---
- name: install and start apache
  hosts: web
  become: yes

  tasks:
    - name: httpd package is present
      yum:
        name: httpd
        state: latest

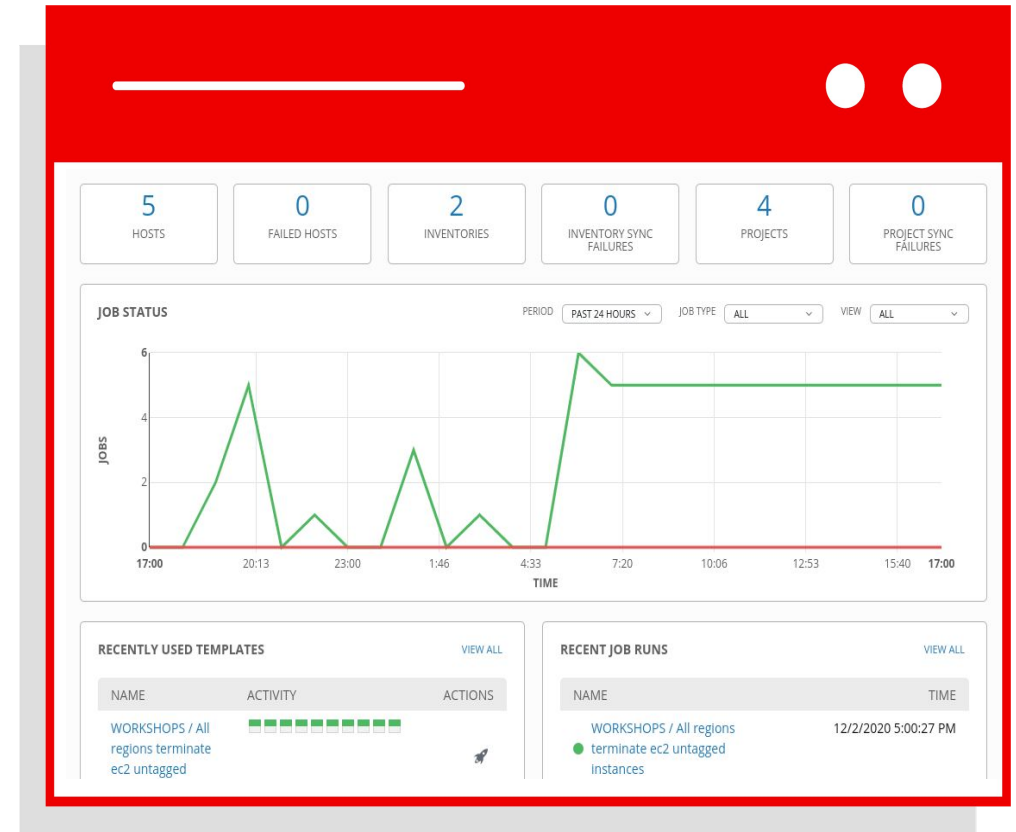
    - name: latest index.html file is present
      template:
        src: files/index.html
        dest: /var/www/html/

    - name: httpd is started
      service:
        name: httpd
        state: started
```

Ansible Automation Controller

Ansible Automation Controller is a UI and RESTful API allowing you to scale IT automation, manage complex deployments and speed productivity.

- ▶ Role-based access control
- ▶ Deploy entire applications with push-button deployment access
- ▶ All automations are centrally logged
- ▶ Powerful workflows match your IT processes



Collections

Simplified and consistent content delivery



What are they?

Collections are a data structure containing automation content:

- ▶ Modules
- ▶ Playbooks
- ▶ Roles
- ▶ Plugins
- ▶ Docs
- ▶ Tests



Automation Hub

Trusted source

Customer controlled

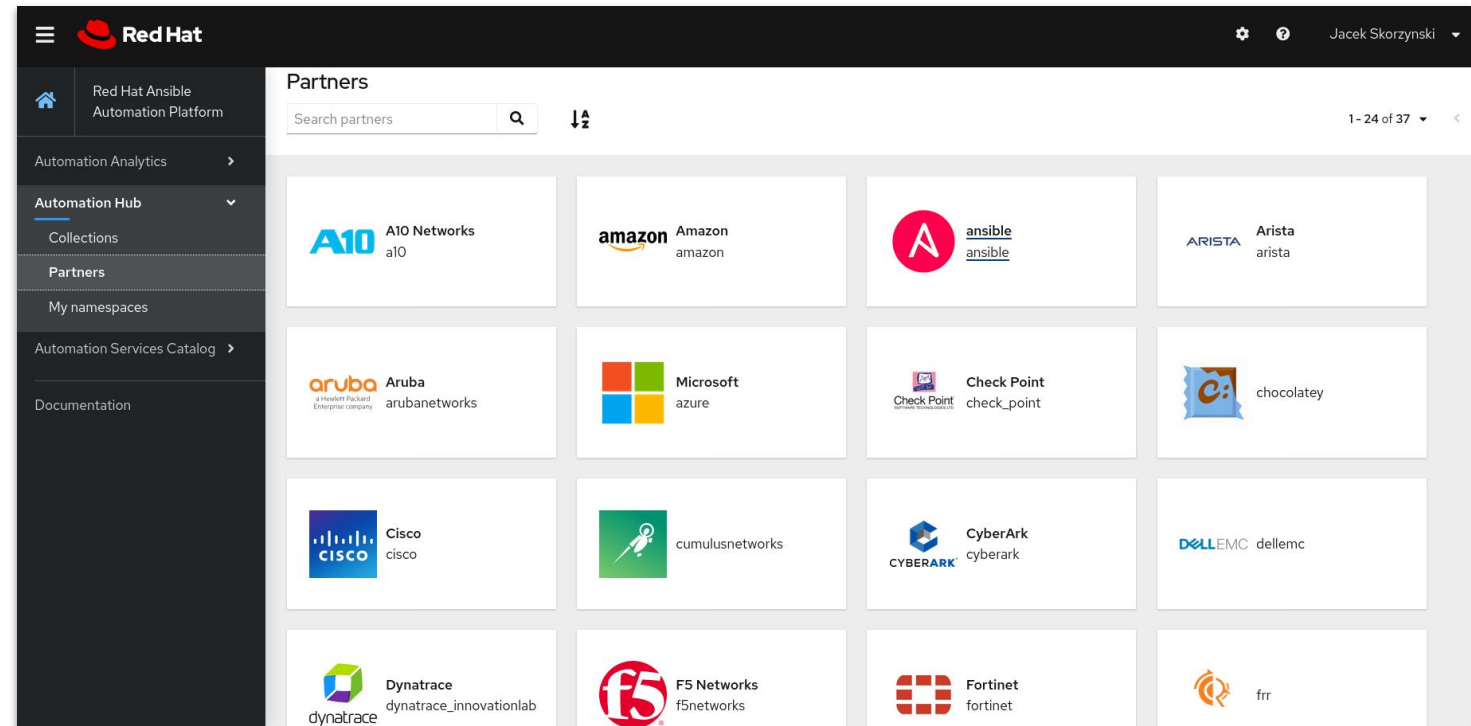
Deploying either on-prem or to a cloud, customers can run their own private instances of Automation Hub integrated into Red Hat Ansible Automation Platform.

Private content

Manage the lifecycle and internal distribution of in-house Ansible content within Private Automation hub.

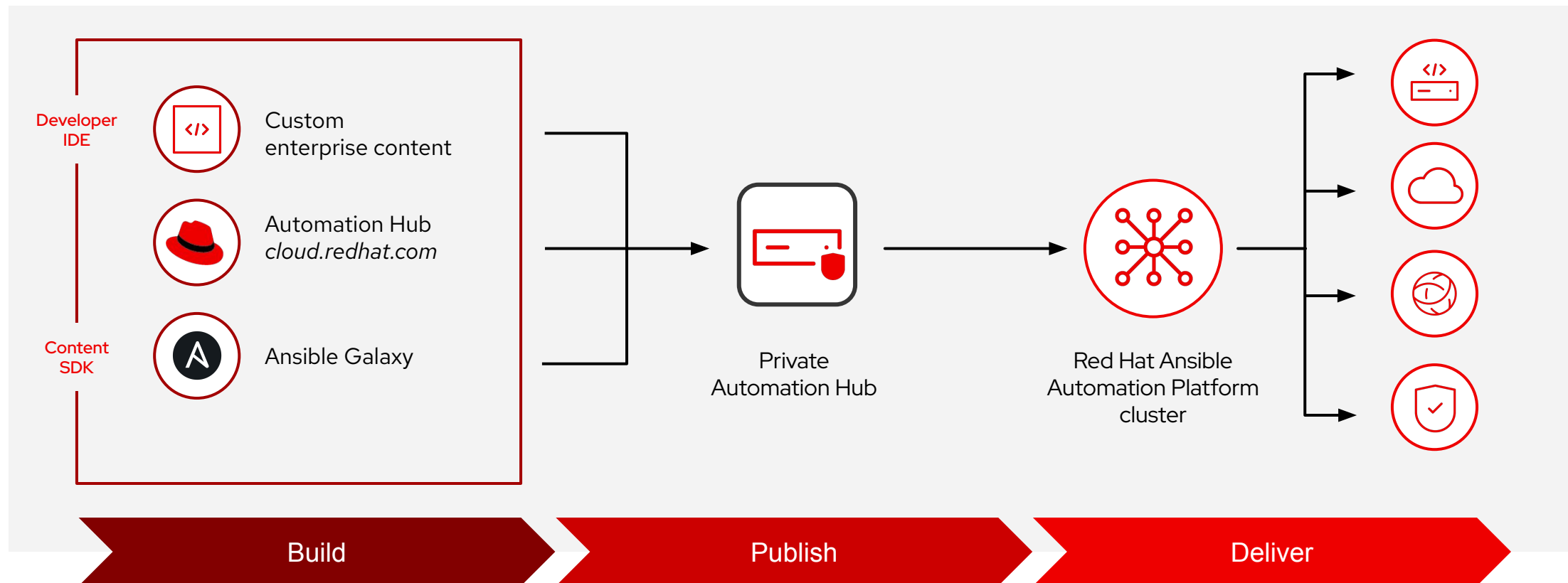
Customizable Content Catalog

Via synch from community (Galaxy) and supported (Automation Hub) sources, customers can supply internal users with approved content in one controlled location in Private Automation hub.



Private Automation Hub architecture

Value of private Automation Hub



Strategic Use Cases

General

OS - Automation

LINUX AUTOMATION

200+
Linux Modules

AUTOMATE EVERYTHING LINUX
Red Hat Enterprise Linux, BSD,
Debian, Ubuntu and many more!

ONLY RE
Python 2
or Python

ansible.com/get-started

WINDOWS AUTOMATION

110+
Windows
Modules

1,300+
Powershell DSC
resources

ansible.com/windows

Platform - Automation



RED HAT
VIRTUALIZATION



Google Cloud



Network and Security

Network

ANSIBLE NETWORK AUTOMATION

75+

Network
Platforms

1100+

Network
Modules

15*

Galaxy
Network Roles

ansible.com/for/networks
galaxy.ansible.com/ansible-network

Security



Security Information &
Events Management

splunk>

IBM



Enterprise
Firewalls

Check Point
SOFTWARE TECHNOLOGIES LTD

CISCO

f5

FORTINET

0011010101
0010101
0110110



Intrusion Detection &
Prevention Systems

SNORT

Check Point
SOFTWARE TECHNOLOGIES LTD

FORTINET



Privileged Access
Management

CYBERARK

lyncope



Red Hat
Ansible Automation
Platform

Where to go next

Learn more

- [Workshops](#)
- [Documents](#)
- [Youtube](#)
- [Ansible Fest](#)

Get started

- [Evals](#)
- cloud.redhat.com

Get serious

- [Red Hat Automation Adoption Journey](#)
- [Red Hat Training](#)
- [Red Hat Consulting](#)

Thank you

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.

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