Ansible Content Collections

Zarządzanie i dystrybucja z Ansible Automation Platform

Jacek Skórzyński

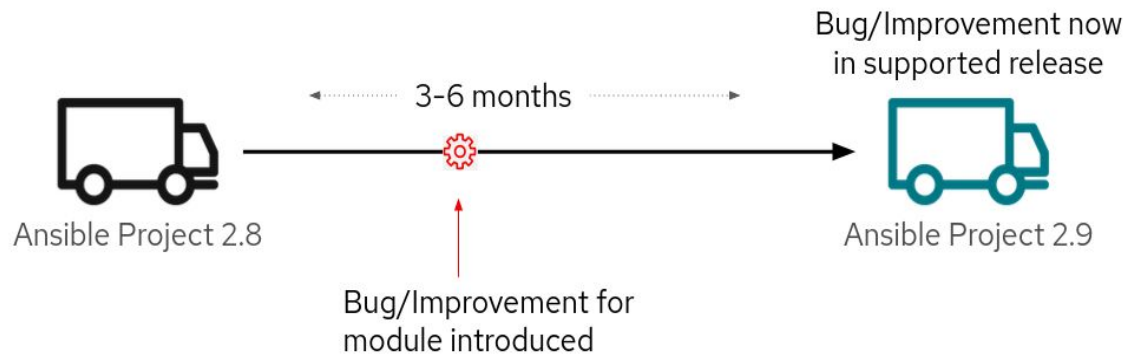Principal Solution Architect

Red Hat CEE

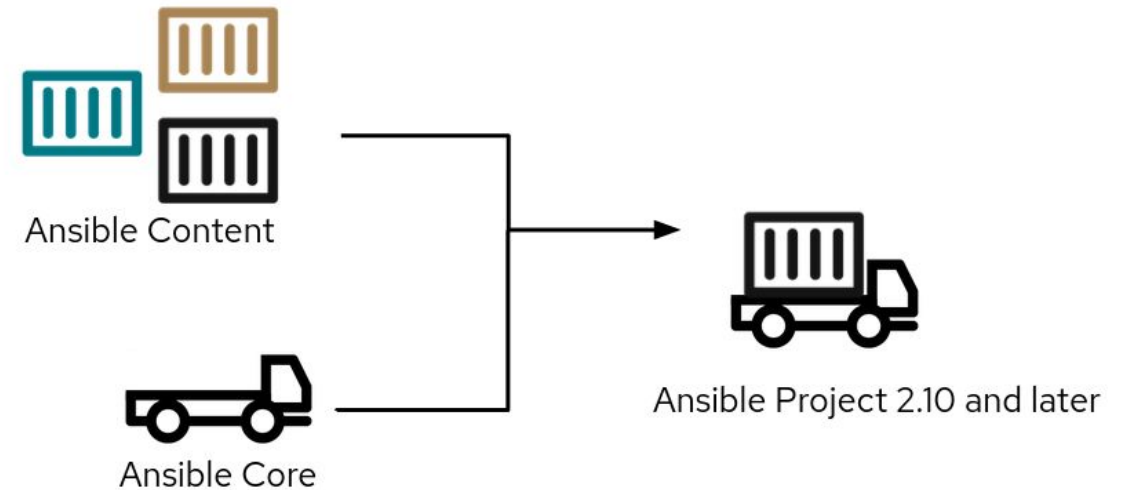**Red Hat** | **intel**

Agenda

- Ansible Project Evolution

- Ansible Execution Environments

- Ansible Collections

- Ansible Automation Hub

- Ansible and RHEL

Ansible Content Distribution – Ansible 2.9 vs 2.10+
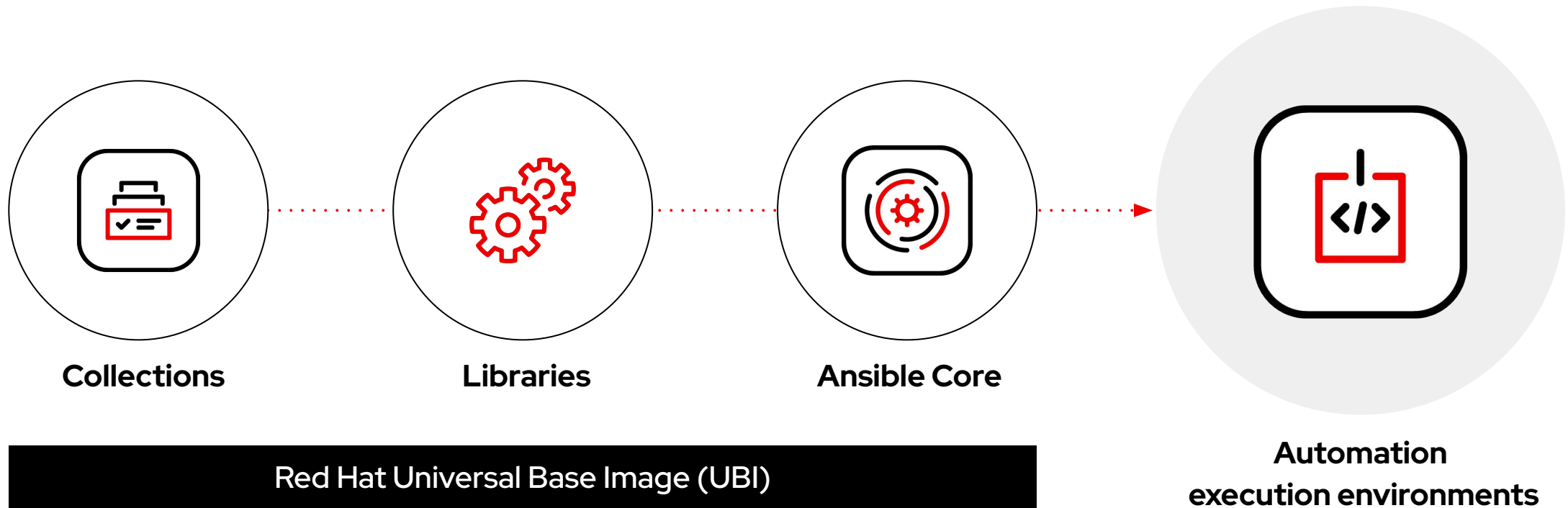
Before collections

Bug/Improvement now
in supported release

3-6 months

Ansible Project 2.8

Bug/Improvement for
module introduced

Ansible Project 2.9

With collections

Ansible Content

Ansible Core

Ansible Project 2.10 and later

Automation execution environments.
Reuse and scale automation content.

Collections · · · · **Libraries** · · · · **Ansible Core** · · · · →

Red Hat Universal Base Image (UBI)

**Automation
execution environments**

Ansible Collections – New way of content distribution

Ansible 5.0
Community Collections included provide >6000 modules!

Ansible Galaxy
Galaxy has support for collections and provides additional Community Collections

Automation hub
Red Hat customers have access to automation hub for certified, tested and support collections by Red Hat and its Partners
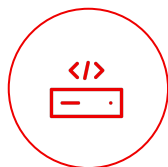
Supported and certified content you can trust.

Infrastructure **Cloud** **Network** **Security** **Edge**

130+
Certified Content Collections

55+
Certified technology partners

aws · Hewlett Packard Enterprise · Infoblox NEXT LEVEL NETWORKING · JUNIPER NETWORKS · Check Point SOFTWARE TECHNOLOGIES LTD · DELL EMC

ARISTA · Open Switch · NVIDIA · SAP · splunk> · vmware

NUTANIX · IBM · f5 · wti · T/RASA. {open source excellence} · CROWDSTRIKE

Sensu · New Relic · PURESTORAGE · VyOS · dynatrace · FRRouting

CYBERARK · Microsoft · Google · rubrik · Chocolatey · aruba NETWORKS

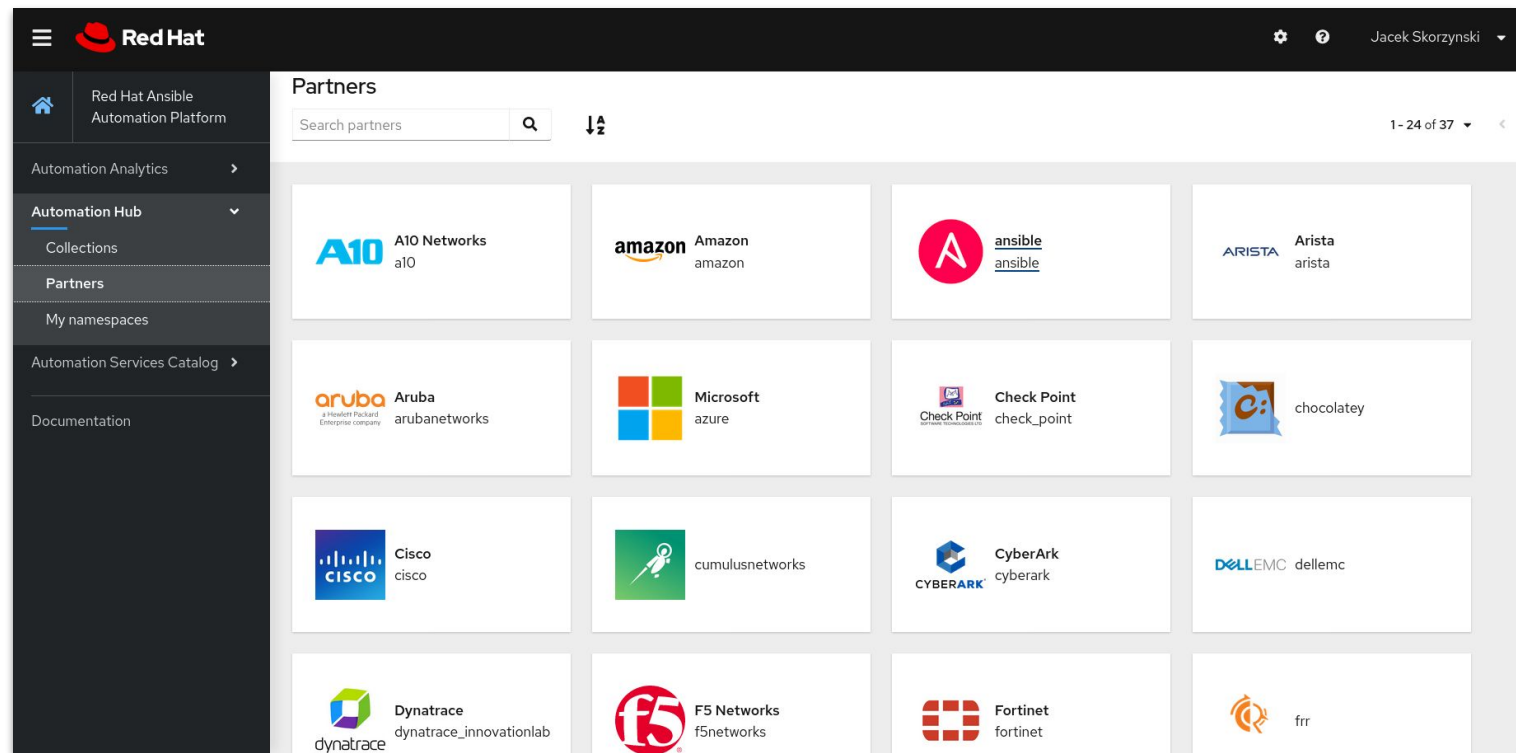COHESITY · CISCO · A10 · NetApp · FORTINET
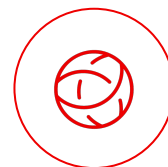
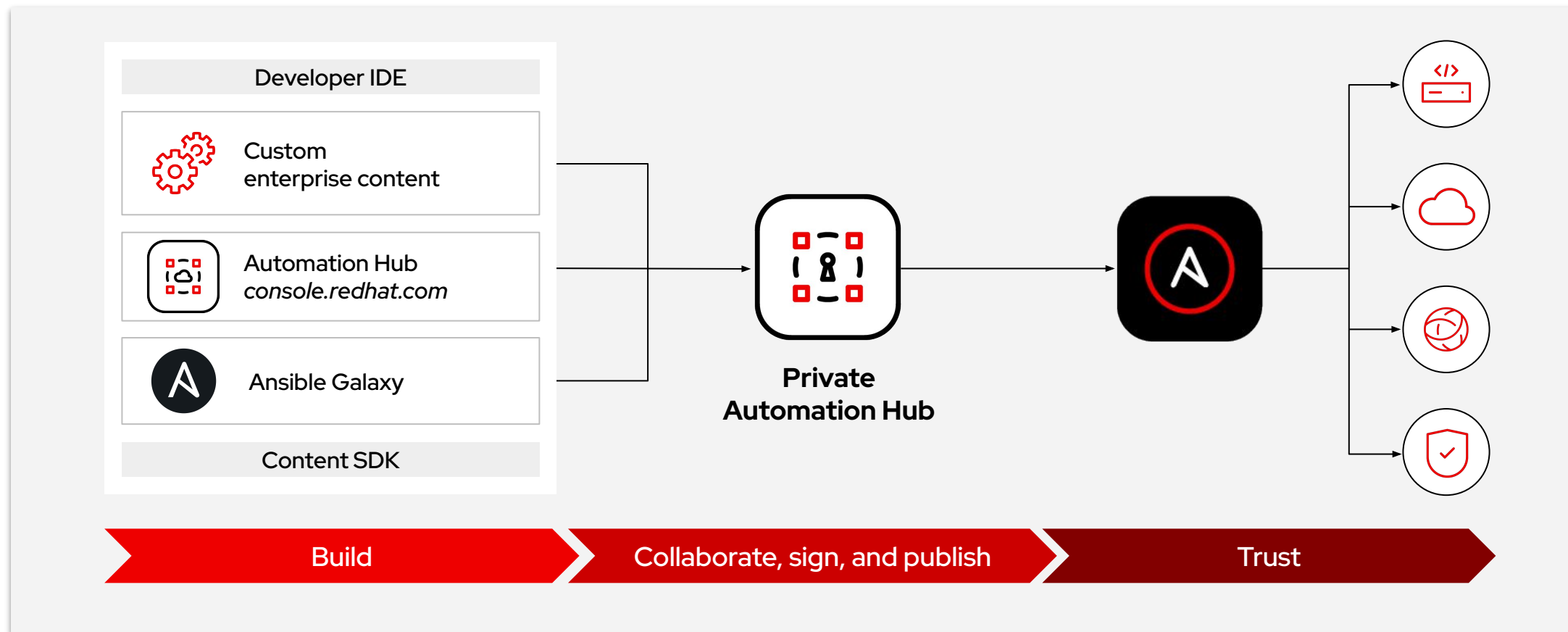Red Hat | intel

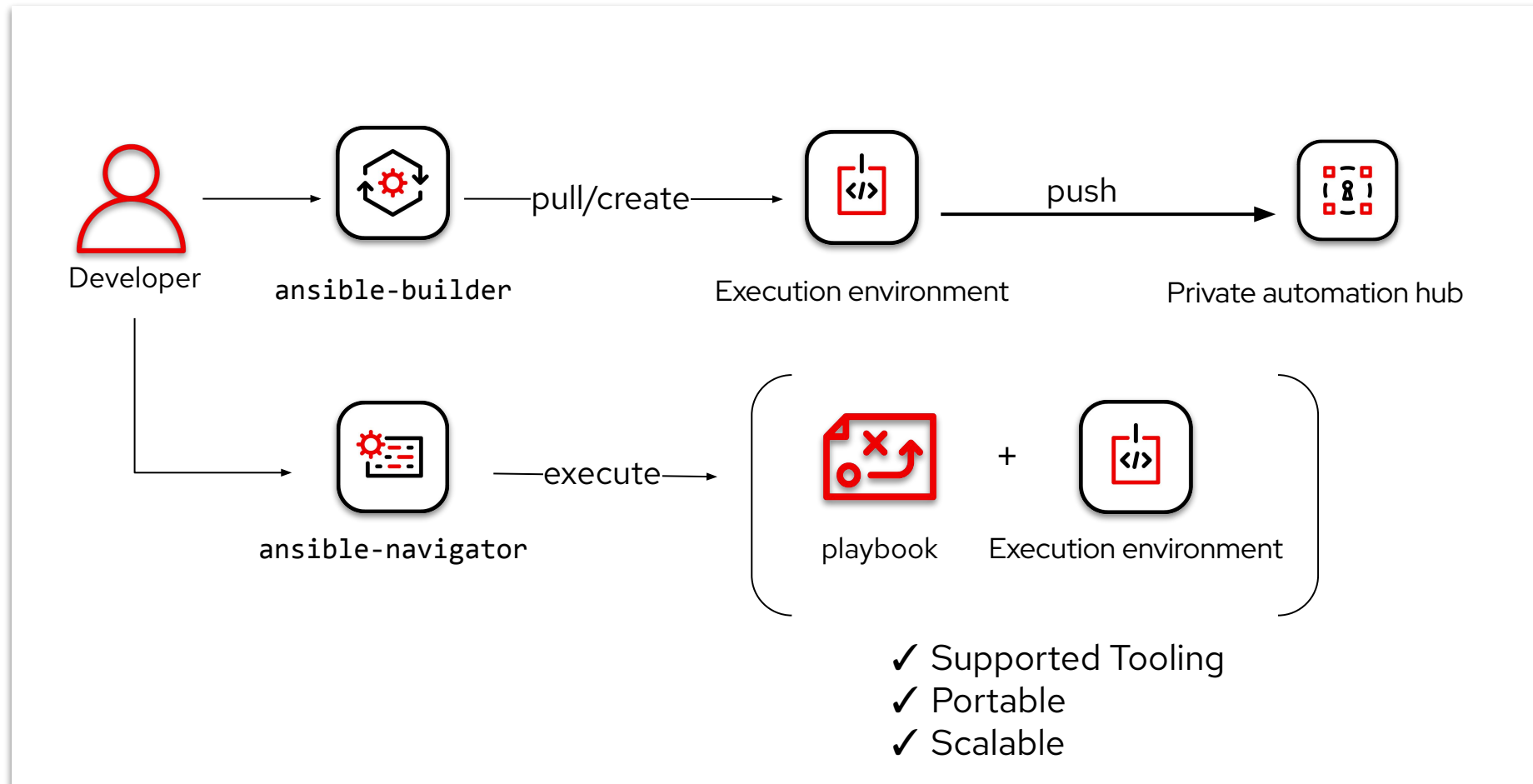# Automation hub. Trusted automation content.

console.redhat.com

What is it?

▶ Source of Certified Partner Content Collections

▶ Integrated documentation and examples

▶ Configurable as primary content collection source
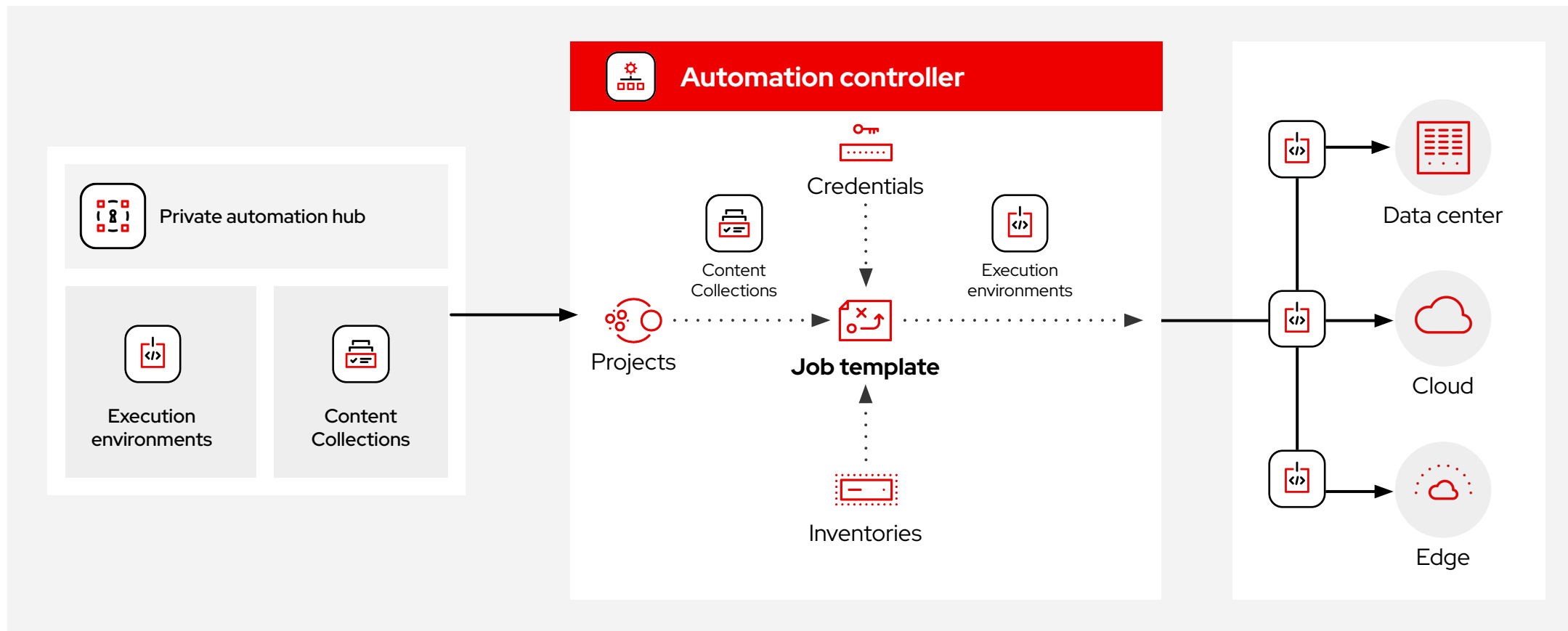
▶ All content included in subscription

Private automation hub. Collaborate, sign, and publish.

Developer IDE	
Custom enterprise content	
Automation Hub *console.redhat.com*	
Ansible Galaxy	
Content SDK	

Private Automation Hub

Build → Collaborate, sign, and publish → Trust

Red Hat | intel

Ansible content navigator `(ansible-navigator).`

Consume your ansible content with automation controller.

Private automation hub

Execution environments

Content Collections

Automation controller

Content Collections

Credentials

Execution environments

Projects

Job template

Inventories

Data center

Cloud

Edge

Ansible Engine and Ansible Core in Red Hat Enterprise Linux.

Ansible Engine

Up to version 2.9

Contains around 3,387 modules

Package name ansible

Available in RHEL 7 and RHEL 8 NOT in RHEL 9

Supported until September 29, 2023

Ansible Core

Newest version 2.13

Contains approximately 127 modules

Package name ansible-core

Available in RHEL 8.6 and RHEL 9

Not yet defined

https://www.redhat.com/en/blog/updates-using-ansible-rhel-86-and-90