



Scale Your AAP

What scaling opportunities are there in
Ansible Automation Platform

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What Is Scale?

Curation, Building, Execution, Reporting at Scale

Scale in an enterprise is more than just adding servers

How you make
How you build
How you become trusted
How you execute
How you report

How You Make

Where does automation come from?

Source : Galaxy, Console Hub, Partner Hubs , Private Hub

33,000 automation roles in the community

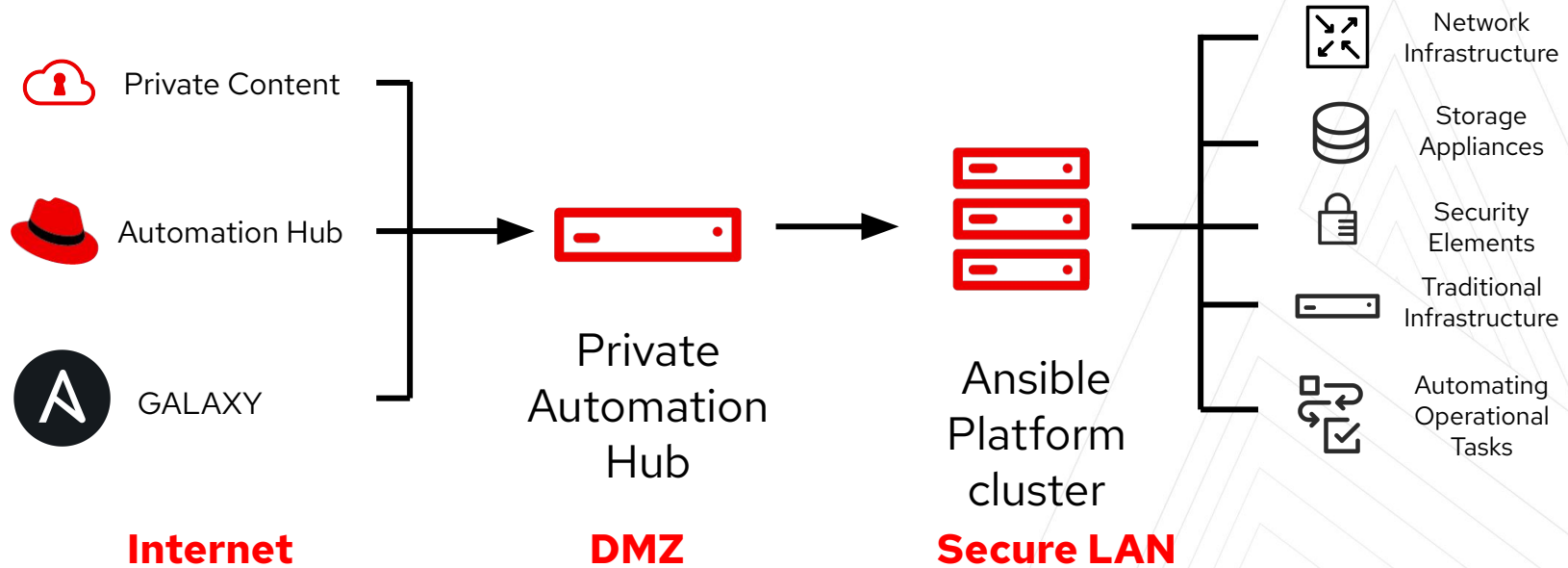
New Galaxy coming

Certified and Validated @ console.redhat.com

TBA - Partner Hubs with more content

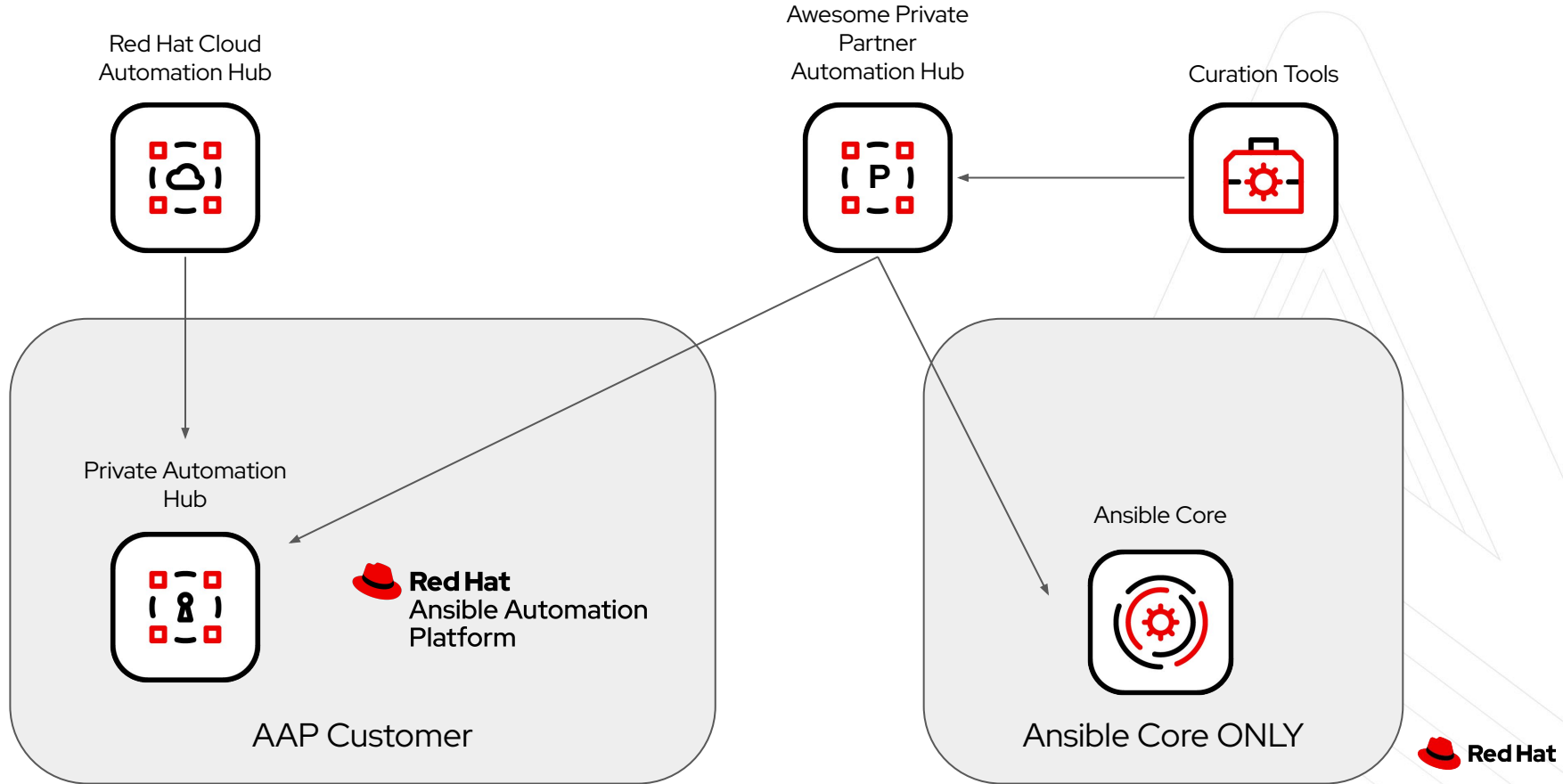
Private Hub - ALL YOURS

private automation hub Architecture



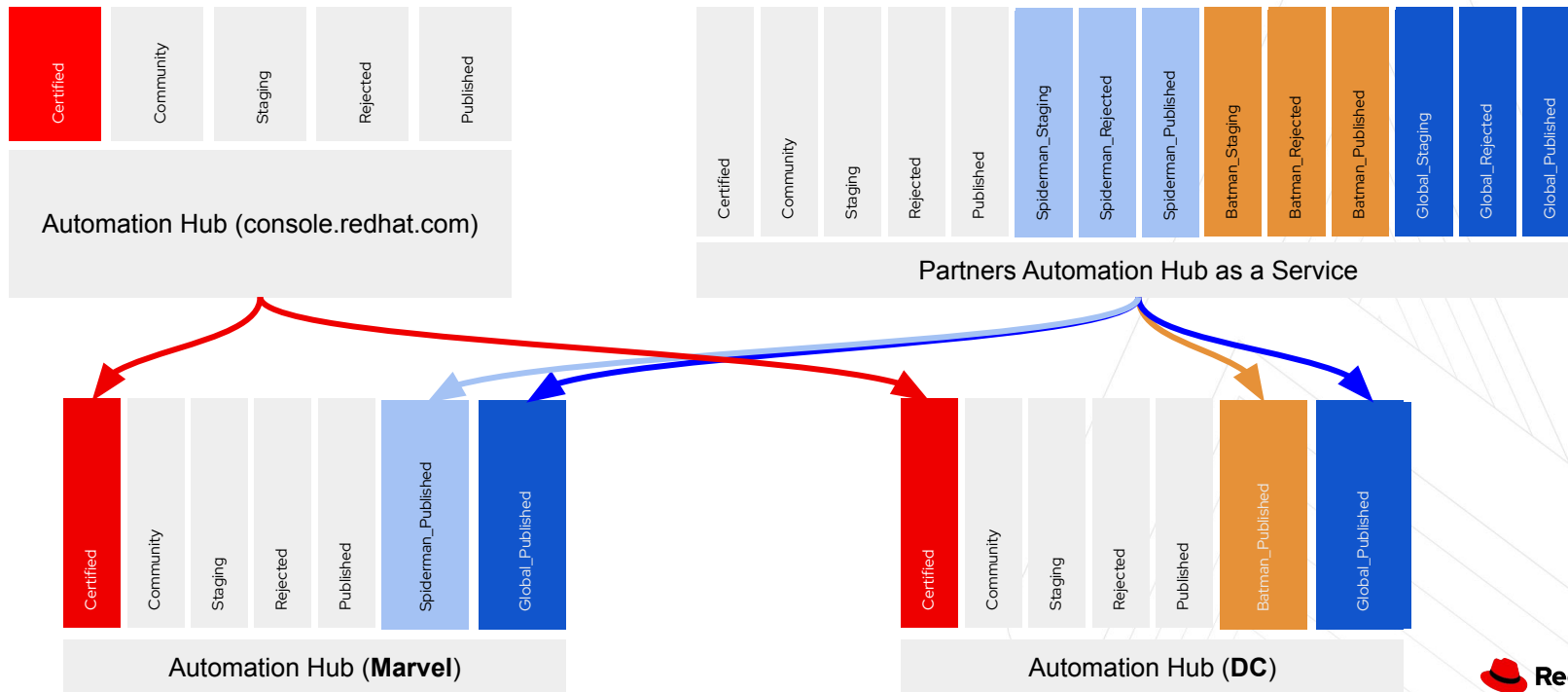
4

Whole Picture



When we share the same customer

Private Partner Hub can replicate its content to existing Ansible Automation Platform Private Hubs.



How You Build

Using Execution Environments, Collections

Execution Environments, Collections

Build : Builder 3.0

CLI updated, new Hub wizard coming in AAP 2.5

Build : ansible-galaxy collection build

Destination : Private Hub

Secure storage for collections, images and signatures

Trusted Supply Chain

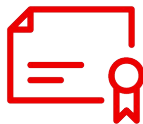
Being a trusted source of information



STORAGE

Starts with trusted content repository, somewhere secure and certificated.

Automation Hub



SIGNING

Assure *your* content through Red Hat Ansible Signing Services or consume ready to use signed content from Red Hat or our partners.



VALIDATION

Complete the chain by validating content signatures, denying or authorizing automation execution or during content curation with in your organisation.

What is automation mesh?

Simple, flexible and reliable scaling of execution capacity



Automate at a global scale

Simple, flexible and reliable way to scale automation of large inventories across diverse network topologies and platforms.

Distributed overlay network

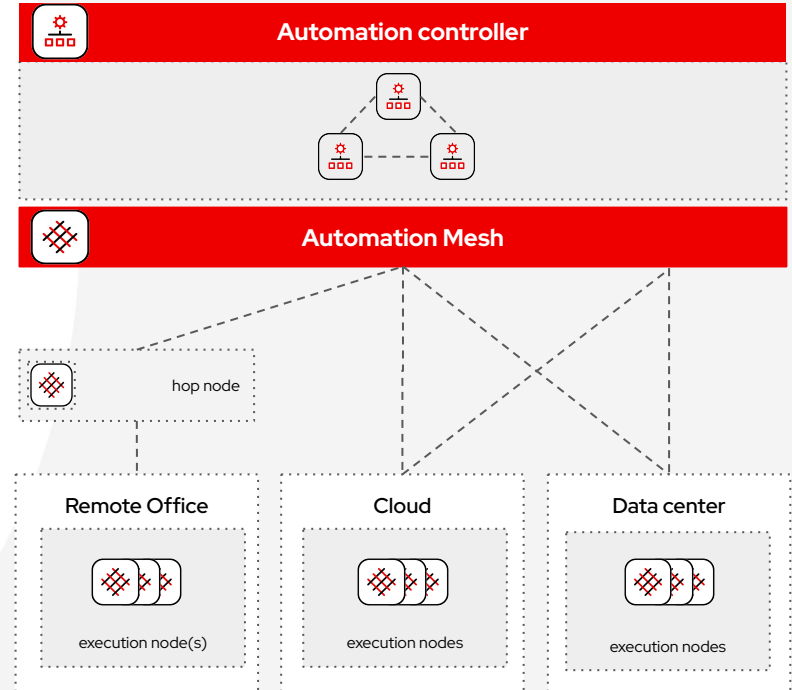
Overlay network which eases distributing automation execution
Establishes peer-to-peer connections between execution nodes across existing networks

Flexible architecture

Flexible architecture offers more design choices compared to isolated nodes

Execution node health

Health checks performed on execution nodes



How You Report



Seeing and Understanding your scale

Infrastructure

How my infrastructure is behaving
Is my Infrastructure vulnerable?

Execution

How my automation is running
Compliance for modules and plugins

⚙️ ? Administrator 

Ansible Automation Platform

- Overview
- Automation Controller
 - Views
 - Dashboard
 - Jobs
 - Schedules
 - Activity Stream
 - Workflow Approvals
 - Resources
 - Access
 - Administration
 - Automation Hub
 - Automation Analytics
 - Documentation

Dashboard

Job status Recent jobs Recent templates **Reports**

Name

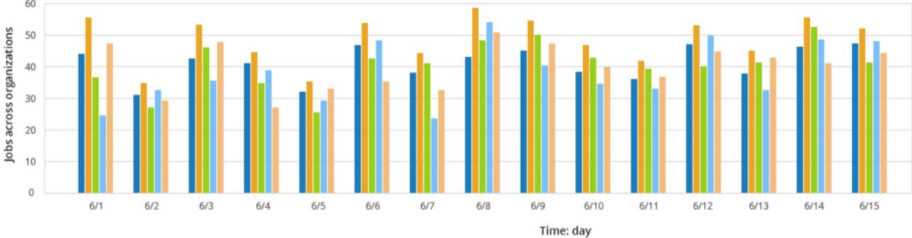
Featured reports

Report 1/5


I'm pinterest venmo 8-bit deep
You probably haven't heard of them single origin coffee pinterest venmo.

Executive Hosts Job template

Status View all Past month




View full report

I'm pinterest venmo 8-bit deep 

You probably haven't heard of them single origin coffee pinterest venmo.


View saved reports

Executive Hosts Job template

I'm pinterest venmo 8-bit deep 


You probably haven't heard of them single origin coffee pinterest venmo.

Operator Time series

I'm pinterest venmo 8-bit deep 


You probably haven't heard of them single origin coffee pinterest venmo.


Operator Time series


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Operator

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Automation Analytics - Embedded Analytics Within Controller UX

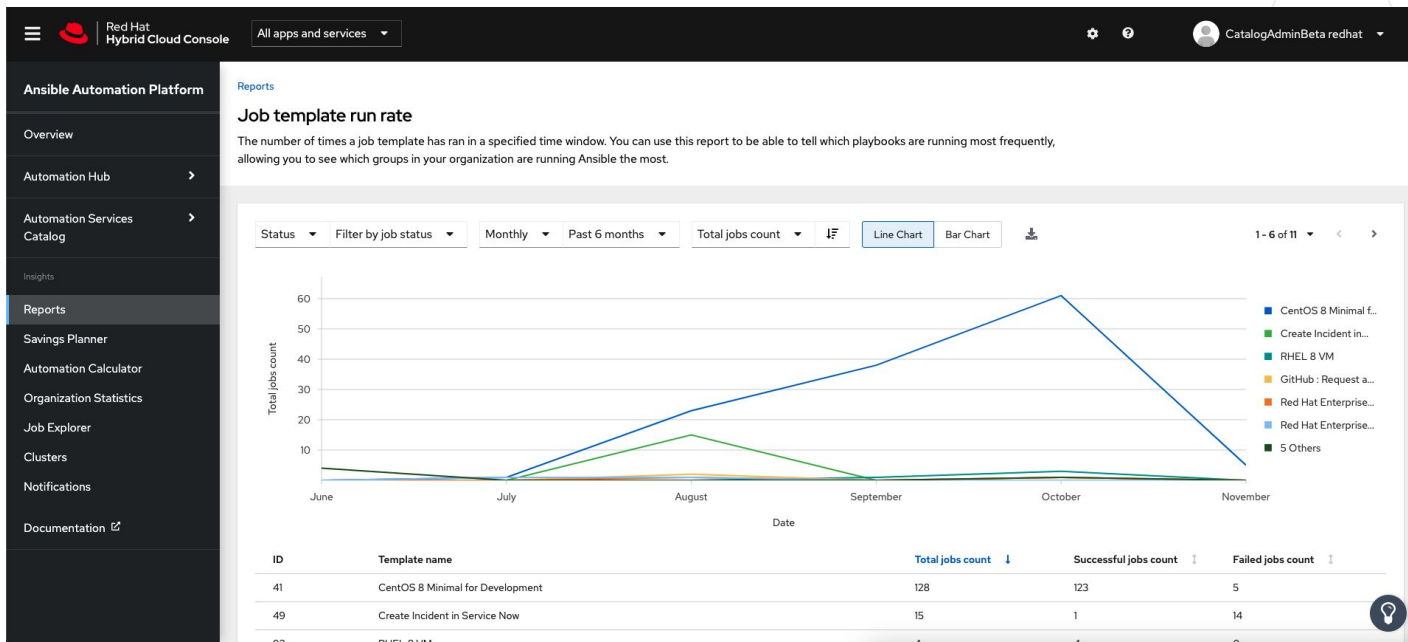
The screenshot displays the Red Hat Ansible Automation Platform dashboard. The top navigation bar includes the Red Hat logo, a hamburger menu, and the user role 'Administrator'. The left sidebar lists navigation options: Overview, Automation Controller (with sub-items: Views, Dashboard, Jobs, Schedules, Activity Stream, Workflow Approvals), Resources, Access, Administration, Automation Hub, Automation Analytics, and Documentation.

The main dashboard area is titled 'Dashboard' and features a 'Manage view' link. It is divided into several sections:

- Job status summary:** A row of six cards showing key metrics: 1 Hosts, 0 Failed hosts, 1 Inventories, 0 Inventory sync failures, 1 Projects, and 0 Project sync failures.
- Job status chart:** A line chart showing 'Job Runs' over time. The y-axis ranges from 0 to 5, and the x-axis shows dates from 4/19 to 5/19. The chart is currently empty, with a red line at the zero level.
- Saved report 1:** A line chart titled 'Unique host count' with a y-axis from 0 to 4. It displays three data series: a blue line peaking at 4, a yellow line peaking at 3, and a green line that remains at 1.
- Saved report 2:** Two donut charts. The first is 75.0% complete and the second is 25.0% complete. Both charts have a 'Place label here' prompt.

Report, resolve, and recognize the value of automation

What gets measured gets managed



Are there any Partners in the room?

Thank you

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