# Red Hat Summit Recap

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Overview: Summit Announcements

1. Edge Partner Announcements
2. RHODS Self Managed
3. RH Service Interconnect
4. RH Developer Hub/ RH Plug-ins for Backstage
5. Trusted Software Supply Chain
6. RHACS Cloud Service
7. Ansible Lightspeed
8. Event Driven Ansible
9. Insights Expansion, CentOS, RHEL

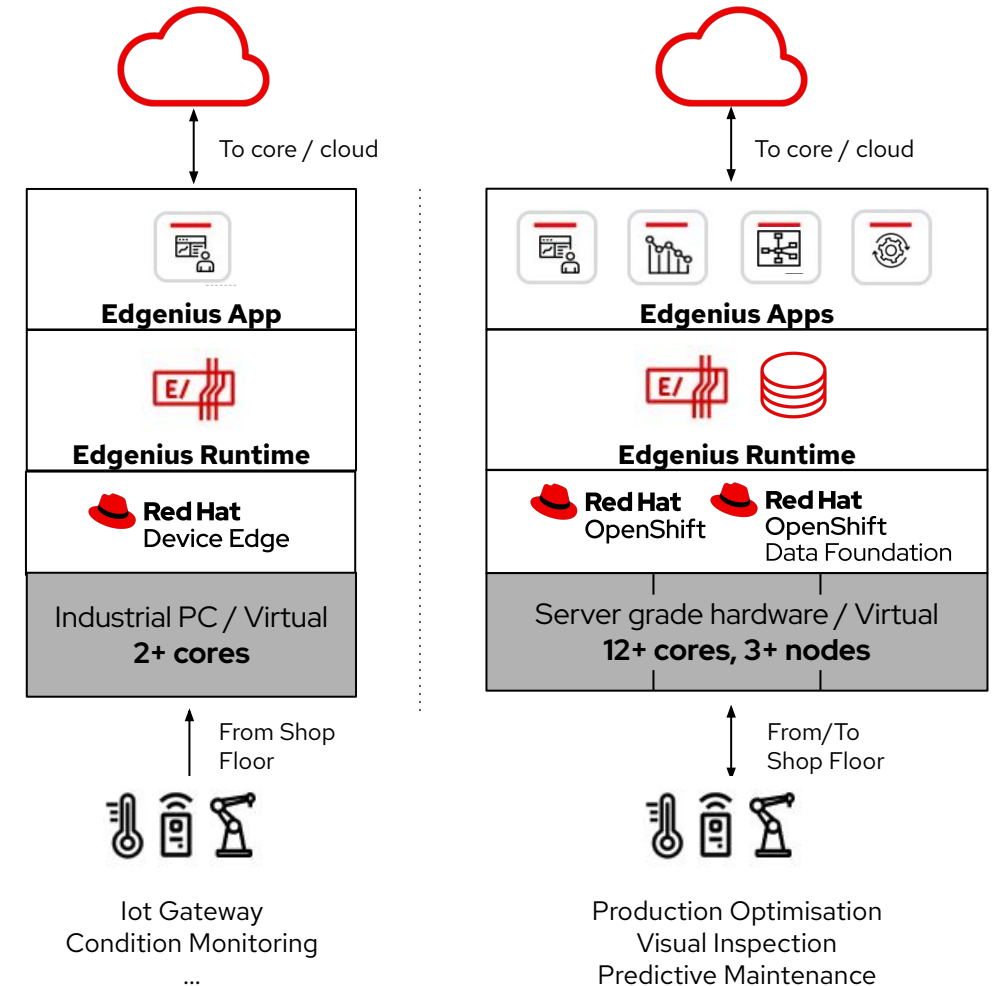Red Hat

Edge Partner Announcements
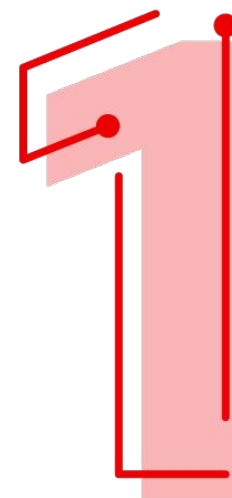
Edge Partner Announcements

"Build once, run anywhere" extends to the EDGE

- ▶ ABB and Red Hat are pleased to announce the GA of **ABB Edgenius** based on Red Hat OpenShift and Red Hat Device Edge (early access)
- ▶ Red Hat In-vehicle Operating System and **Bosch/ETAS'** AOS Middleware
- ▶ **Verizon** as a 2023 Innovation Award Winner- Red Hat OpenShift allows Verizon to drive 5G & edge computing

Edge Partner Announcements with ABB

- ▶ Convergence of IT & Operations Technology (OT)
  - · Industrial control systems are at the forefront of a digital revolution
  - · Methodologies successfully used by IT organizations are now being applied to OT
- ▶ Common platform for core and edge
  - · Red Hat's unique differentiation enables customers to build and operate core datacenters, cloud and edge uniformly
  - · Support for disconnected environments
- ▶ ABB Edgenius allows data extraction and observability of industrial control systems in a non-disruptive manner

To core / cloud

Edgenius App

Edgenius Runtime

Red Hat Device Edge

Industrial PC / Virtual **2+ cores**

From Shop Floor

Iot Gateway
Condition Monitoring
...

To core / cloud

Edgenius Apps

Edgenius Runtime

Red Hat OpenShift   **Red Hat** OpenShift Data Foundation

Server grade hardware / Virtual **12+ cores, 3+ nodes**

From/To Shop Floor

Production Optimisation
Visual Inspection
Predictive Maintenance

**Red Hat** | intel.

RHODS
Self-Managed

Red Hat | intel

Self-Managed Red Hat OpenShift Data Science

▸ Support for connected and disconnected environments

▸ Monitoring deployed models and data science pipelines to create repeatable model workflows

▸ Integration with devops and secure software supply chain pipelines for automated AI enabled application deployment

▸ NOTE that all capabilities are available in both self-managed and cloud services options

Red Hat Service Interconnect

Red Hat Service Interconnect

Portable   **Simple**   **Protected**   **Hybrid**
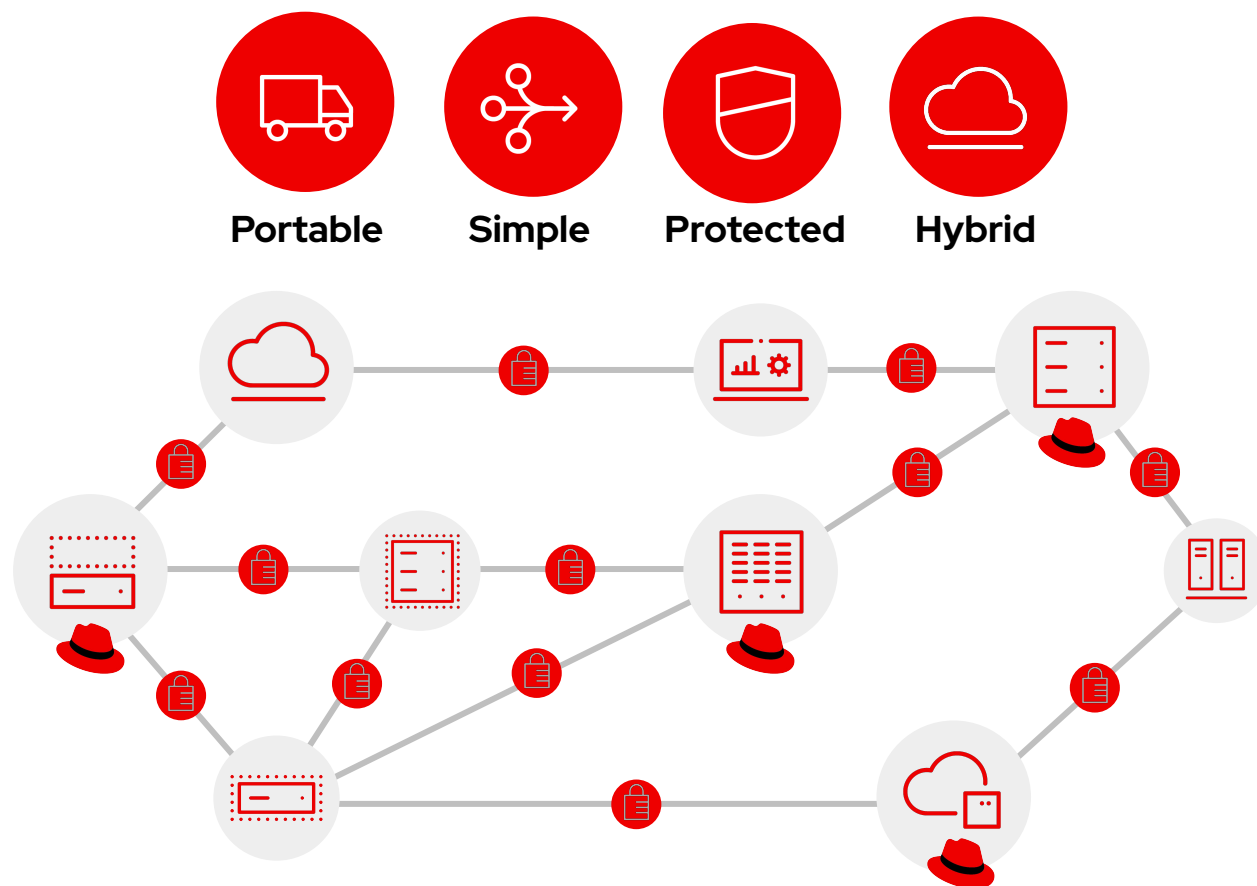
Red Hat Developer Hub / RH Plug-ins for Backstage
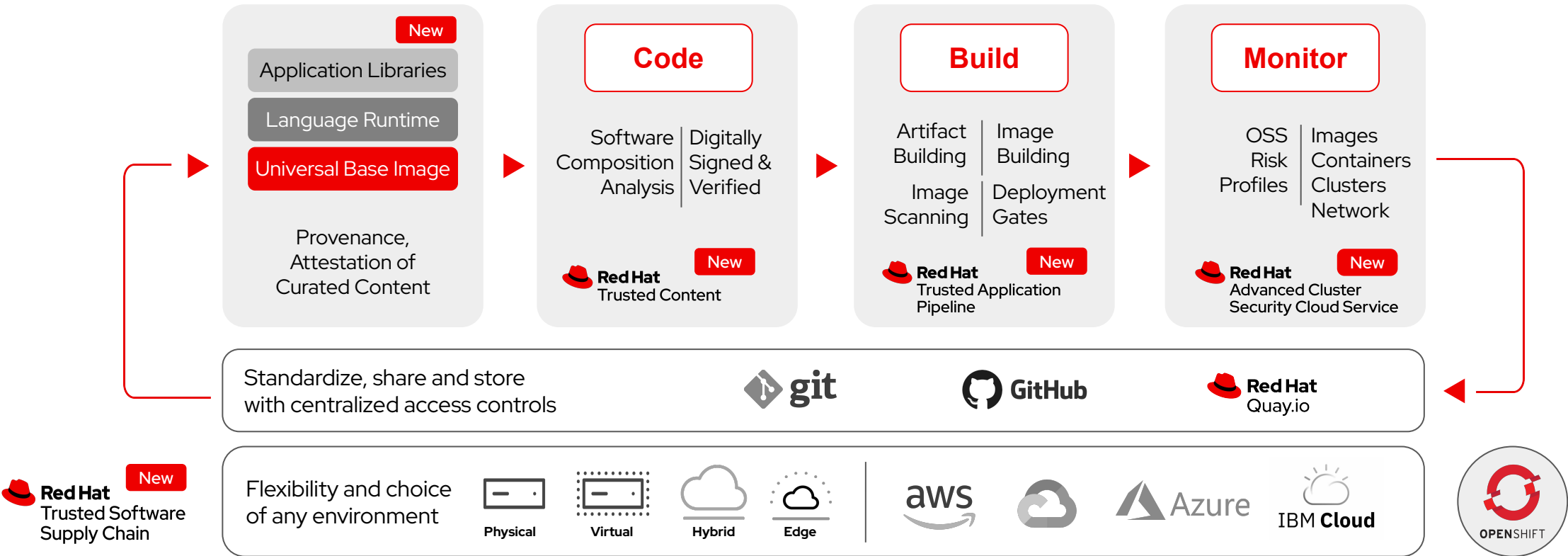
Red Hat Developer Hub & Red Hat Plug-ins for Backstage

▶ **Single pane of glass** to increase engineering productivity.

▶ **Self-service with guardrails** for cloud-native development.

▶ **Best practices** with GitOps and automation.

▶ **Real-time view** of application and infrastructure health and security.

Trusted Software Supply Chain

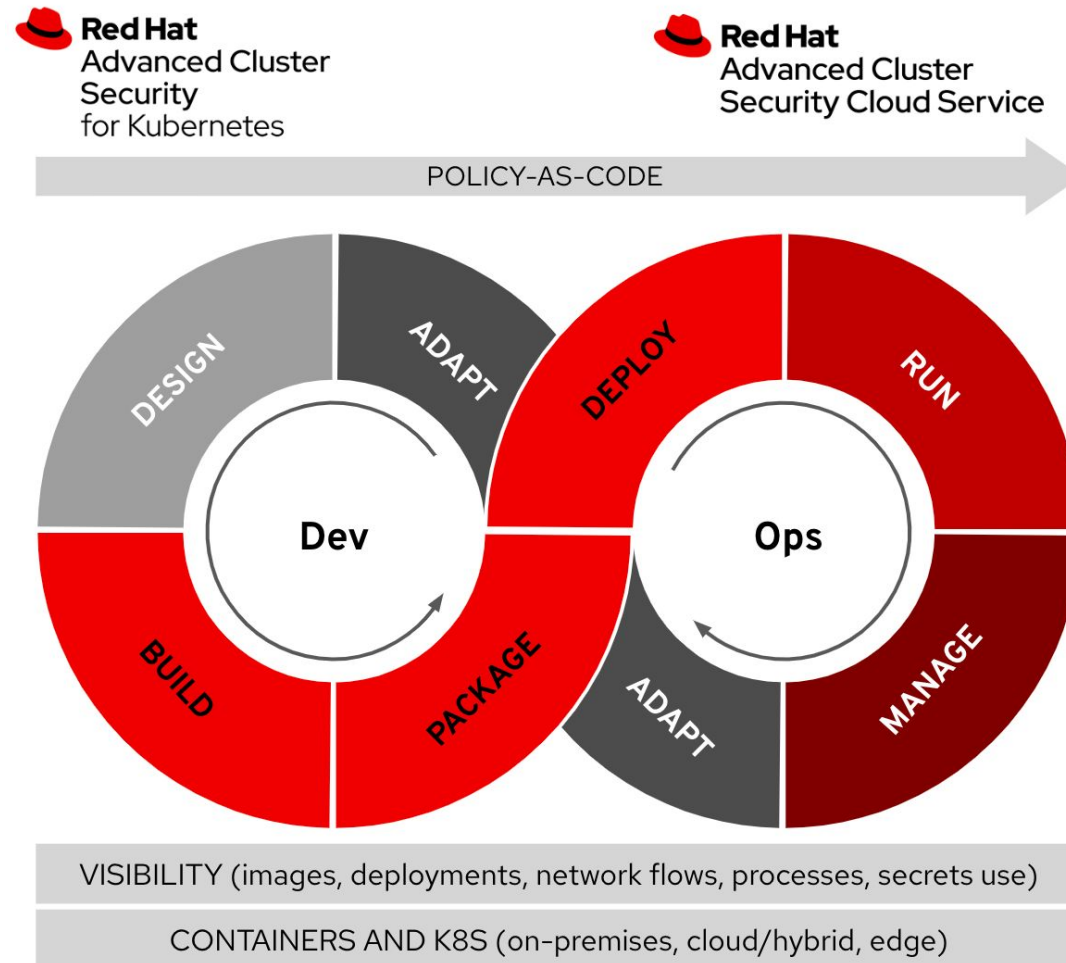# Code, build, and monitor to a Trusted Software Supply Chain

*Delivered as a **cloud service** with integrated security guardrails at every phase of the software development lifecycle*

New

Application Libraries

Language Runtime

Universal Base Image

Provenance,
Attestation of
Curated Content

Code

Software | Digitally
Composition | Signed &
Analysis | Verified

Red Hat
Trusted Content   New

Build

Artifact | Image
Building | Building

Image | Deployment
Scanning | Gates

Red Hat   New
Trusted Application
Pipeline

Monitor

OSS | Images
Risk | Containers
Profiles | Clusters
| Network

Red Hat   New
Advanced Cluster
Security Cloud Service

Standardize, share and store
with centralized access controls

git   **GitHub**   **Red Hat**
Quay.io

Red Hat   New
Trusted Software
Supply Chain

Flexibility and choice
of any environment

Physical   **Virtual**   **Hybrid**   **Edge**

aws   Azure   IBM **Cloud**

OPENSHIFT

Red Hat | **intel.**
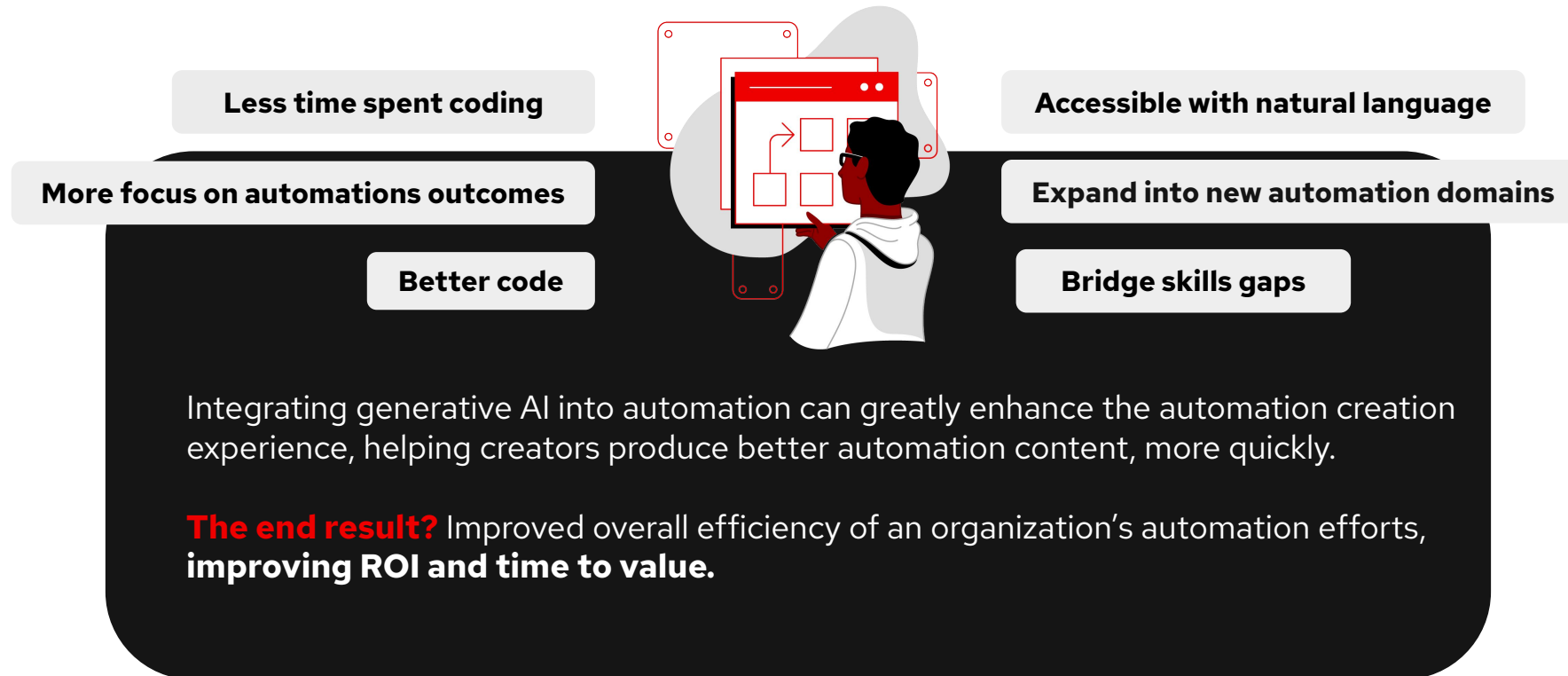
RHACS Cloud Service

Red Hat Advanced Cluster Security Cloud Service

Ansible Lightspeed

The AI revolution has come to automation

Ansible Lightspeed with IBM Watson Code Assistant

Less time spent coding

Accessible with natural language

More focus on automations outcomes

Expand into new automation domains

Better code

Bridge skills gaps

Integrating generative AI into automation can greatly enhance the automation creation experience, helping creators produce better automation content, more quickly.

The end result? Improved overall efficiency of an organization's automation efforts, **improving ROI and time to value.**

Ansible Lightspeed will transform the Playbook creation process

> Generate playbook content from a natural language request

> Find me a playbook or role similar to what I'm writing

> Review my playbook and help make it better

> Tell me what this playbook is doing - and it's impact

Content Generation

Content Discovery

Content Optimization

Content Explanation

Features on roadmap for upcoming commercial offering
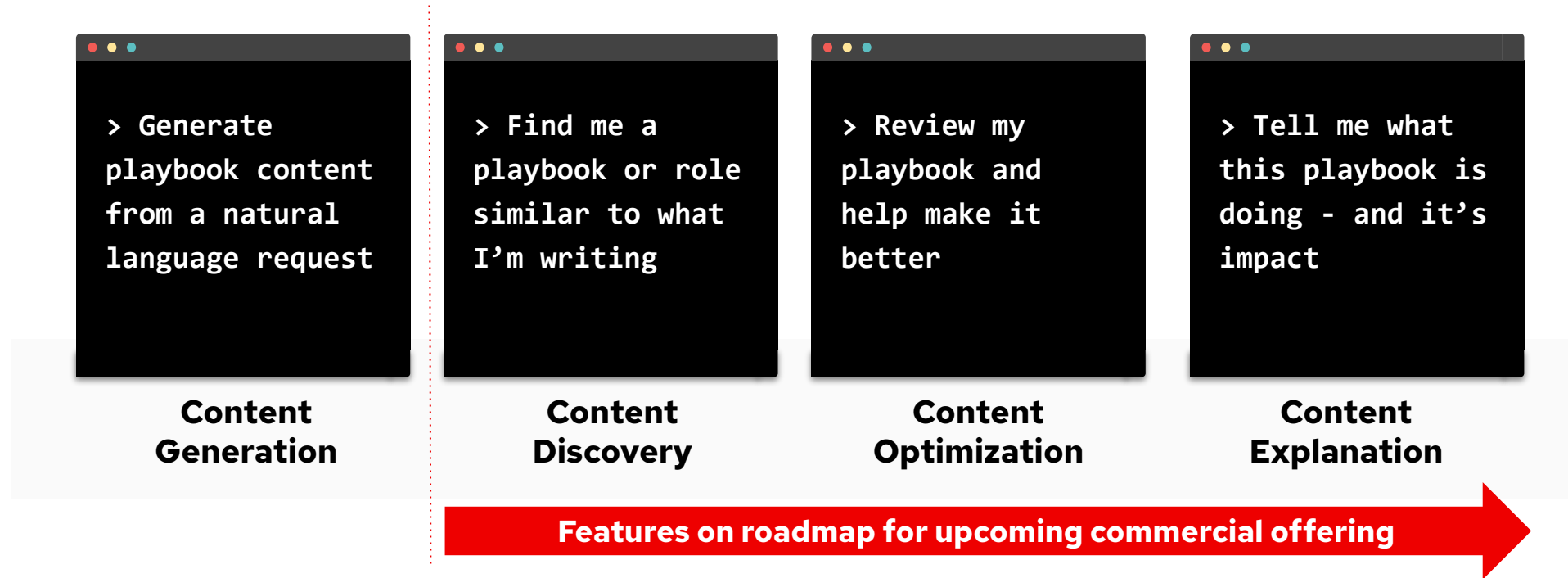
Event Driven Ansible

Event Driven Ansible

Automate decision making

Implement closed-loop mitigation and auto-remediation for well-known observability tools

Integrate multiple event sources, then orchestrate them to work in concert.

Achieve new milestones in efficiency, service delivery excellence, and cost savings

Red Hat Enterprise Linux

Introducing a simpler Linux management experience

▶ Expanded Insights capabilities that make Linux management simpler
▶ Going beyond analytics
- Find and Fix security and critical bugs without the need for Satellite Server
- Act on groups of servers simultaneously with patch templates
- Build standard, compliant, optimized images and rapidly deploy to any footprint
- Include your own software in gold images

Low-cost subscription for CentOS Linux 7 users

Red Hat Enterprise Linux for Third Party Linux Migration
  ▸ Discounted subscription for Red Hat Enterprise Linux Server
  ▸ Security patches and updates (ELS) for 2 years after June 30, 2024
  ▸ Access to Developer Subscription for Teams as applicable, per existing terms and conditions
  ▸ Access to Convert2RHEL tooling for in-place conversions from CentOS Linux 7 to RHEL 7

Red Hat Enterprise Linux 9.2/8.8

▸ Automate the management of critical system tasks, like journaling, SQL Server, Active Directory integration, and container configuration and deployment to reduce overhead

▸ Remain on select minor releases for up to 4 years and provide more flexibility when planning OS transitions for critical environments with Enhanced EUS Add-on

▸ Pre-hardened images now include support for CIS benchmarks, streamlining security reviews

▸ Podman automated health checks and improved event logging make it safer to deploy containers at scale

▸ Reusable, shareable image blueprints simplify adherence to best practices for your favorite workloads

▸ Maximize performance for large data set workloads on datacenter-class ARM servers

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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