

Red Hat
Summit

Connect

Platforma aplikacyjna w chmurze hybrydowej

w oparciu o OpenShift Platform Plus



Red Hat

Jarosław Stakuń

RHCA, Principal Solutions Architect
Red Hat

THERE MUST BE
A BETTER WAY OF
CHOOSING CLOUD
PROVIDERS!

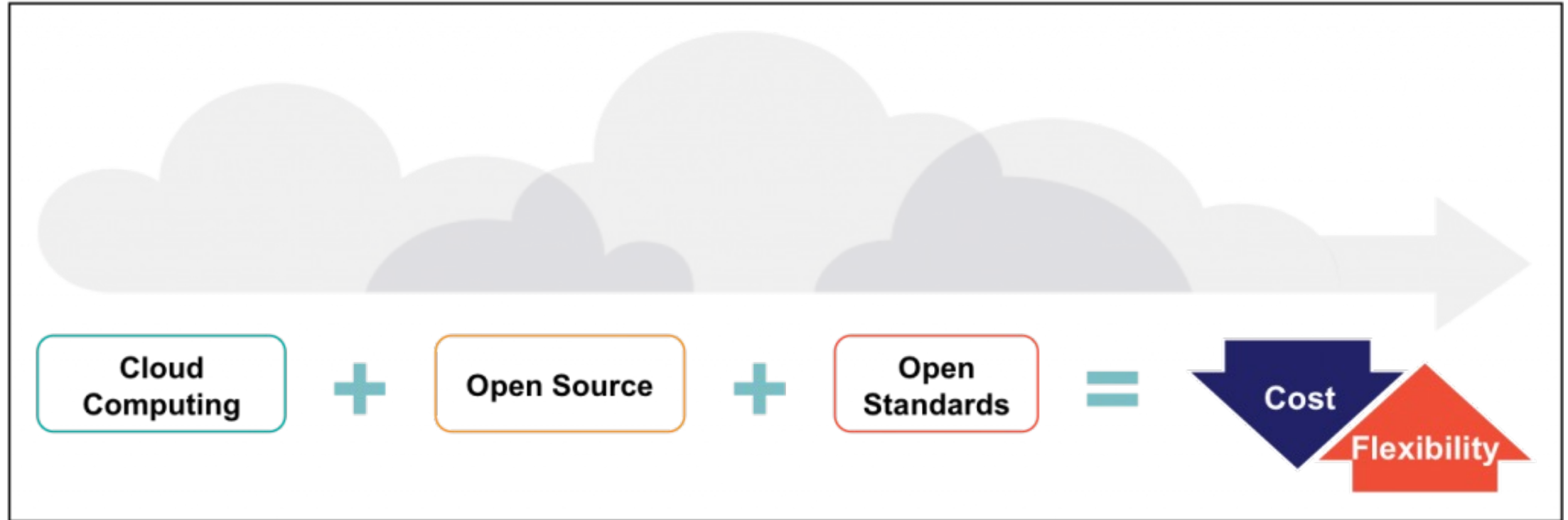




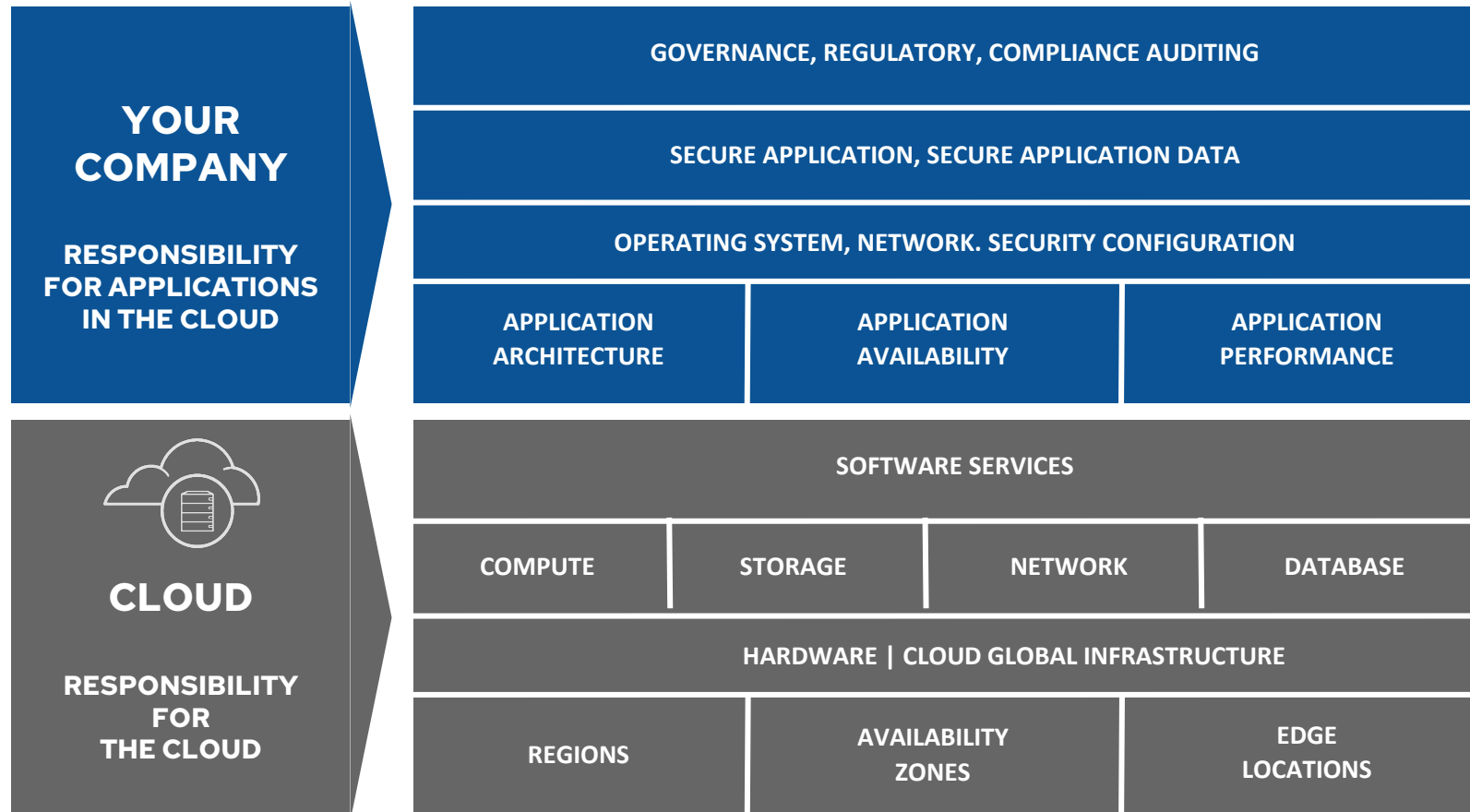
- Image Credit: [iStockPhoto/Igor Kirillov](#)

Three things
Cloud Providers
are not telling you

Managed PaaS Services are based on Open Source with ...



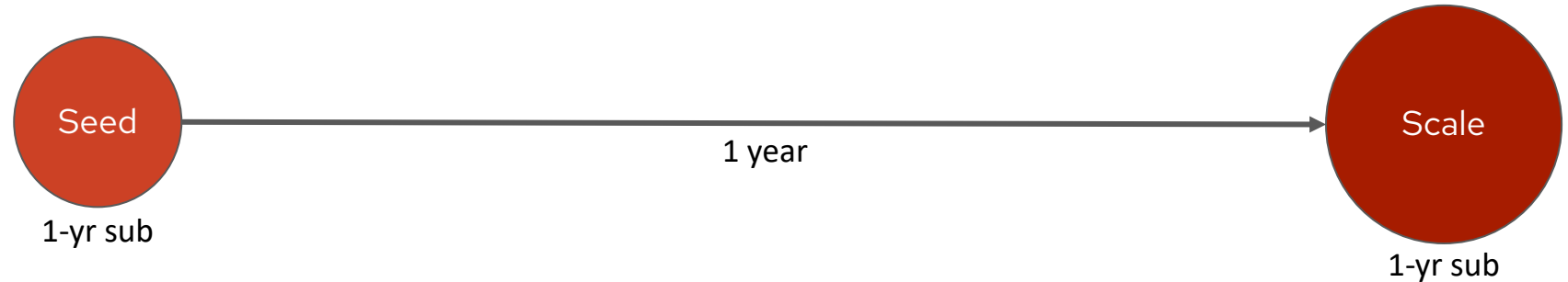
Shared Responsibility Model



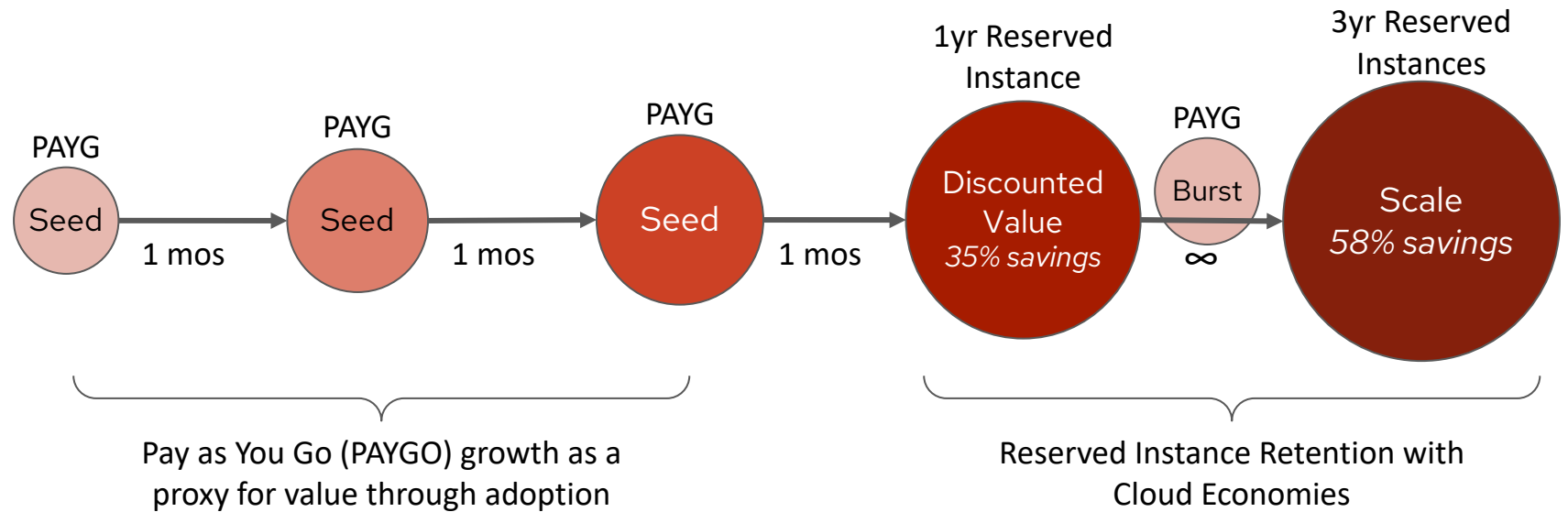
Impacts **Costs, Security, Compliance**

Consumption based pricing has ...

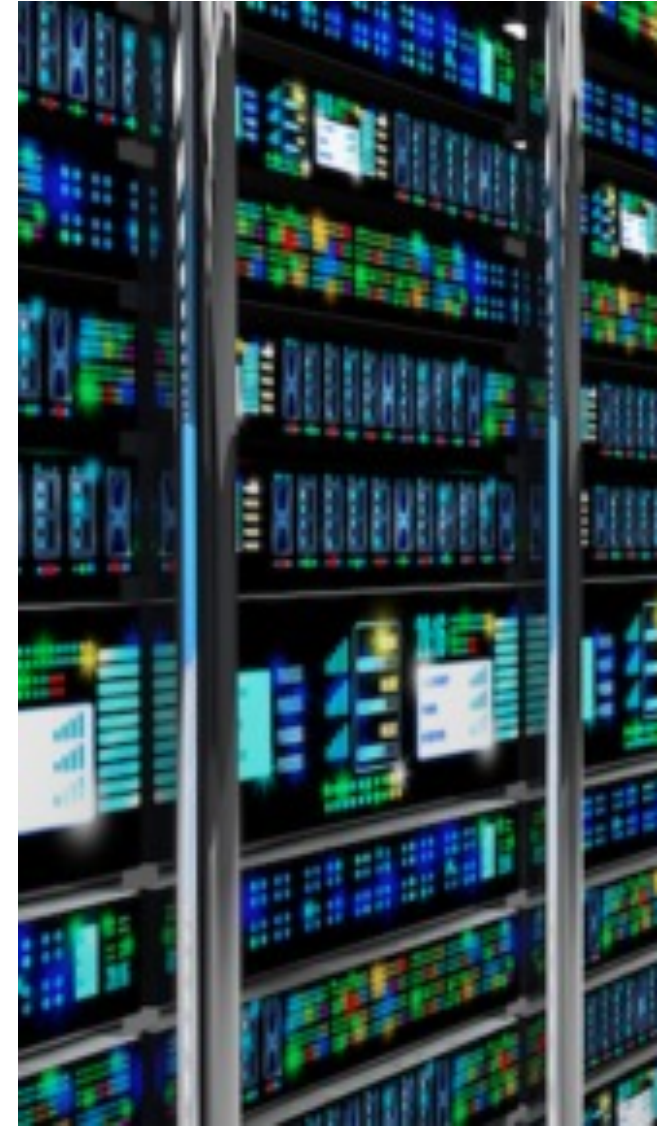
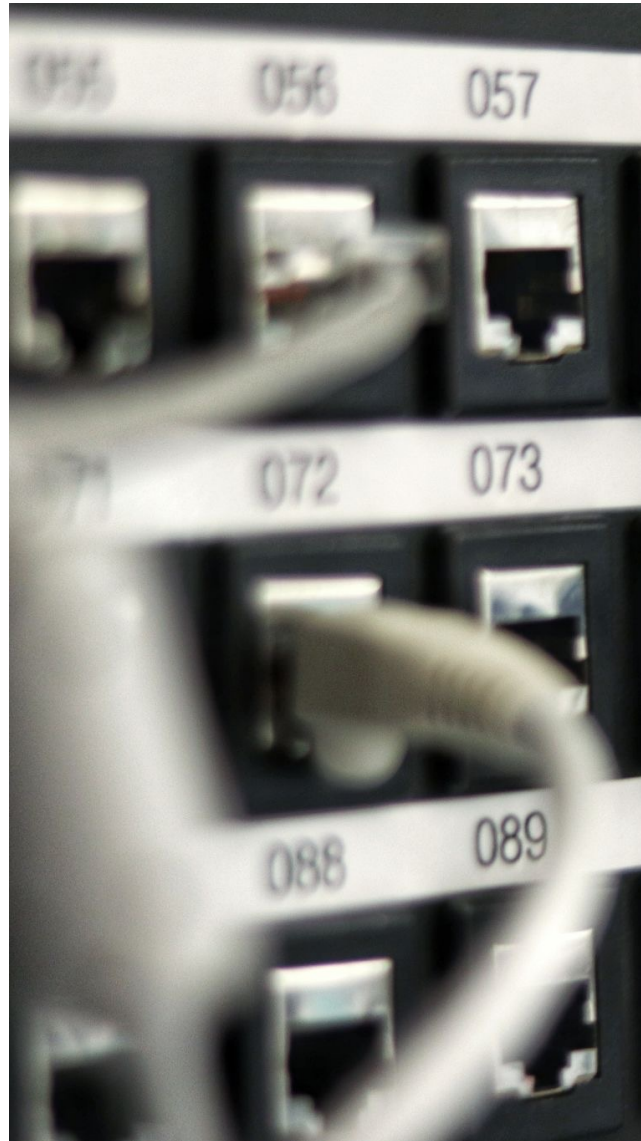
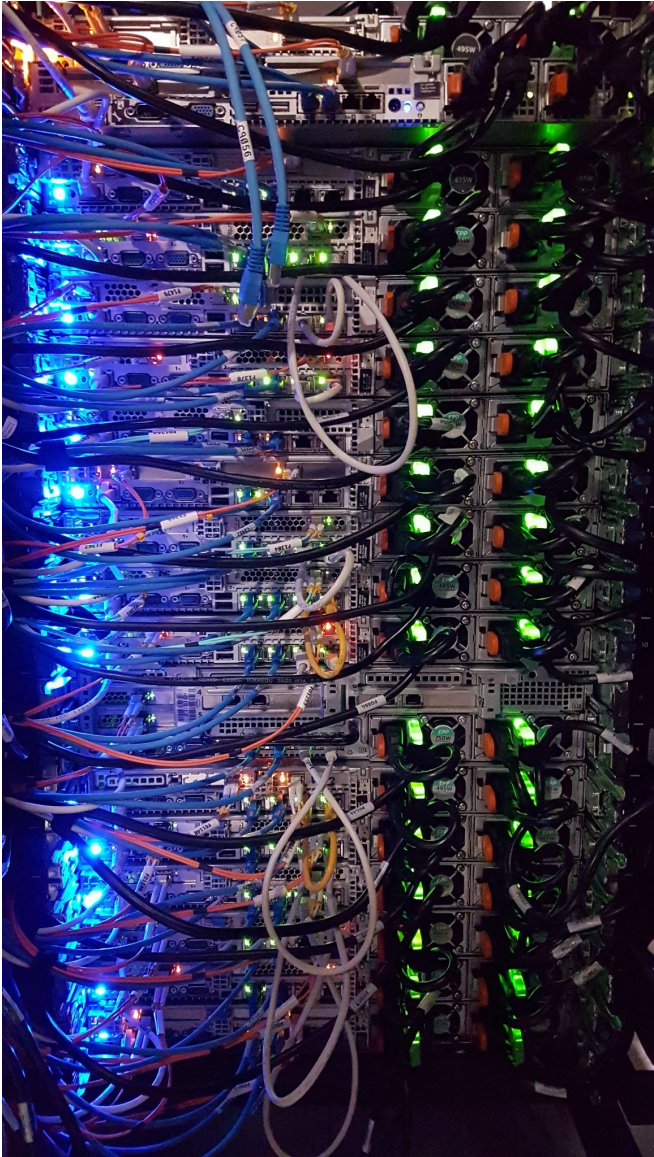
Self-managed



Cloud Services

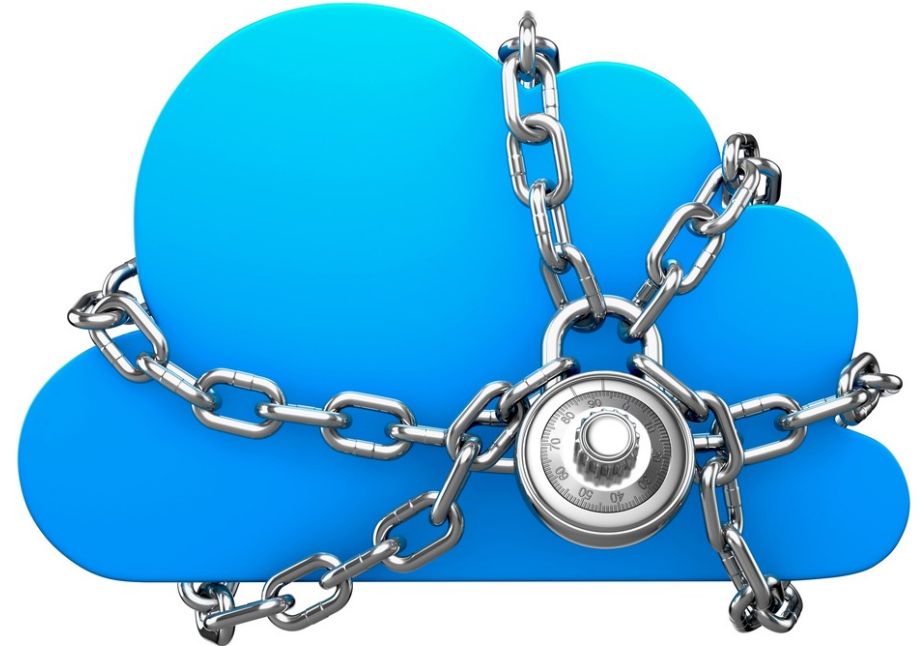


Hidden costs



Cloud Provider **lock in**

- Application portability
- Exit costs
- Multi cloud interoperability
- Hybrid Cloud (On premise integration)
- External (Managed) PaaS Services integration
- Cost model



Red Hat vision

Open Hybrid Cloud



**Traditional
N-Tier Apps & VMs**



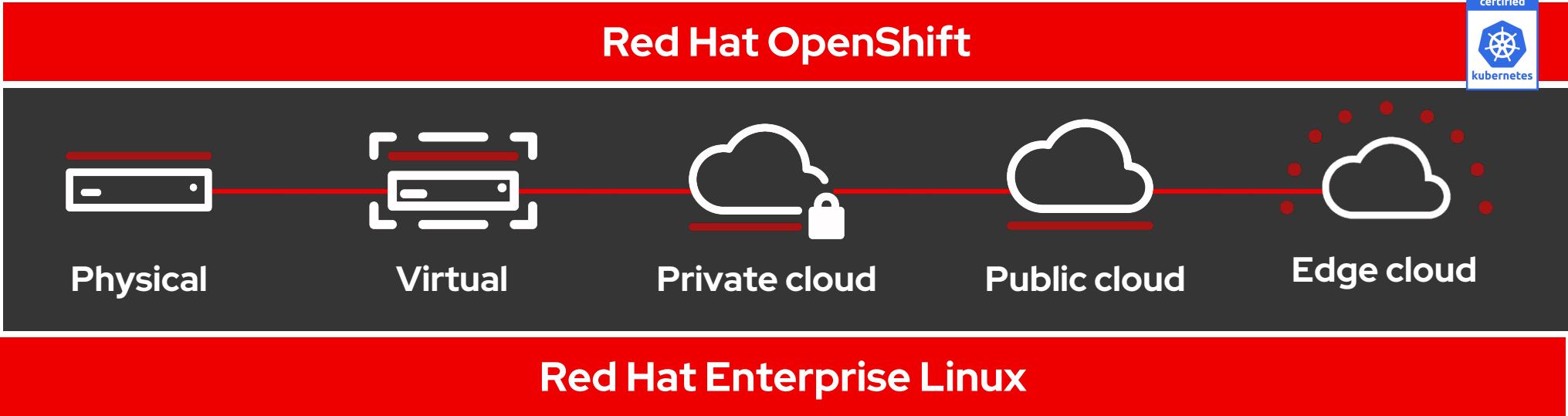
**Cloud Native
Microservices**



**Data, Analytics
& AI/ML**

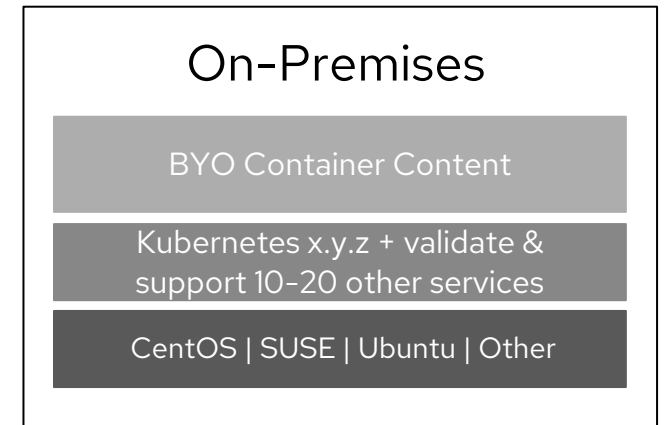
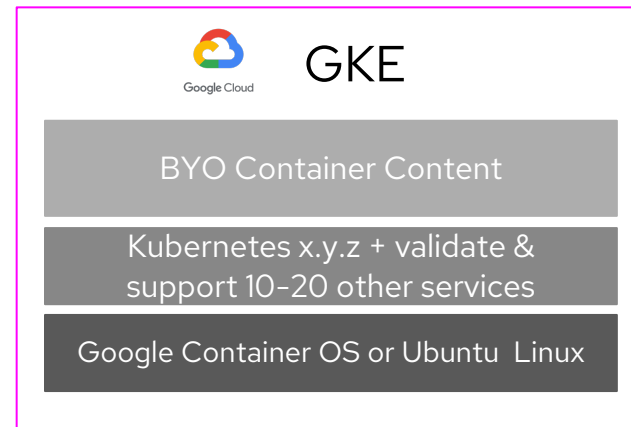
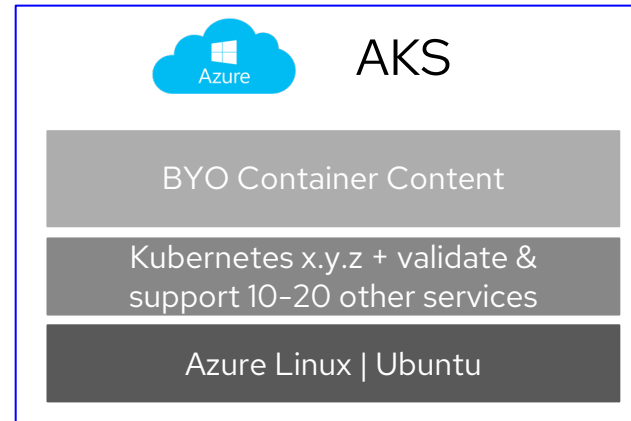
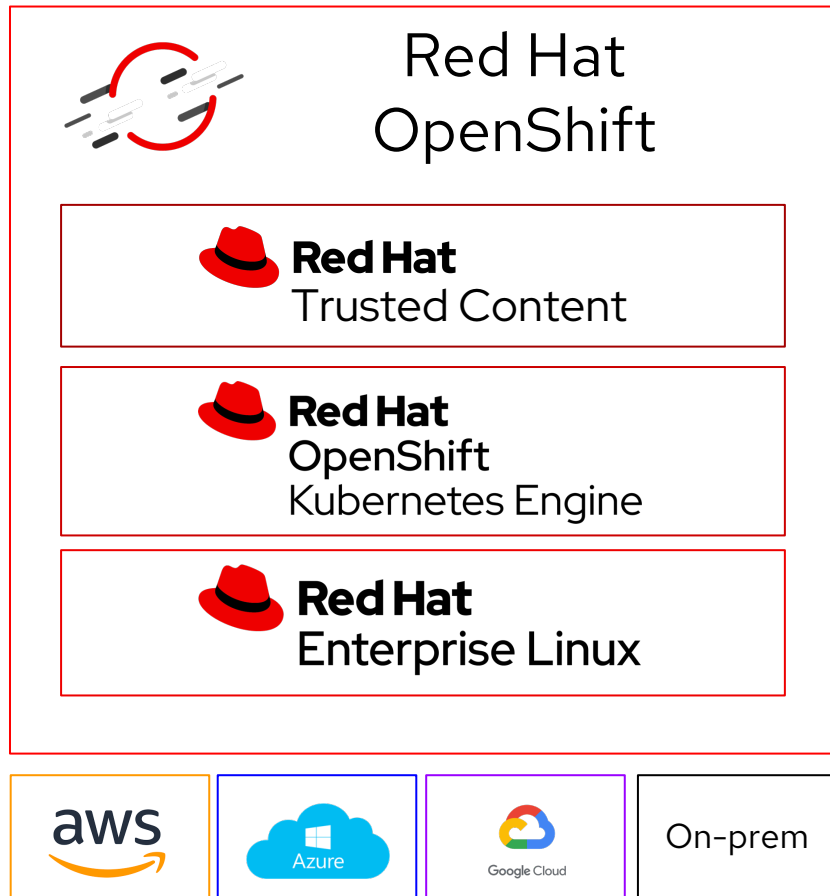


**ISV Apps &
Cloud Services**



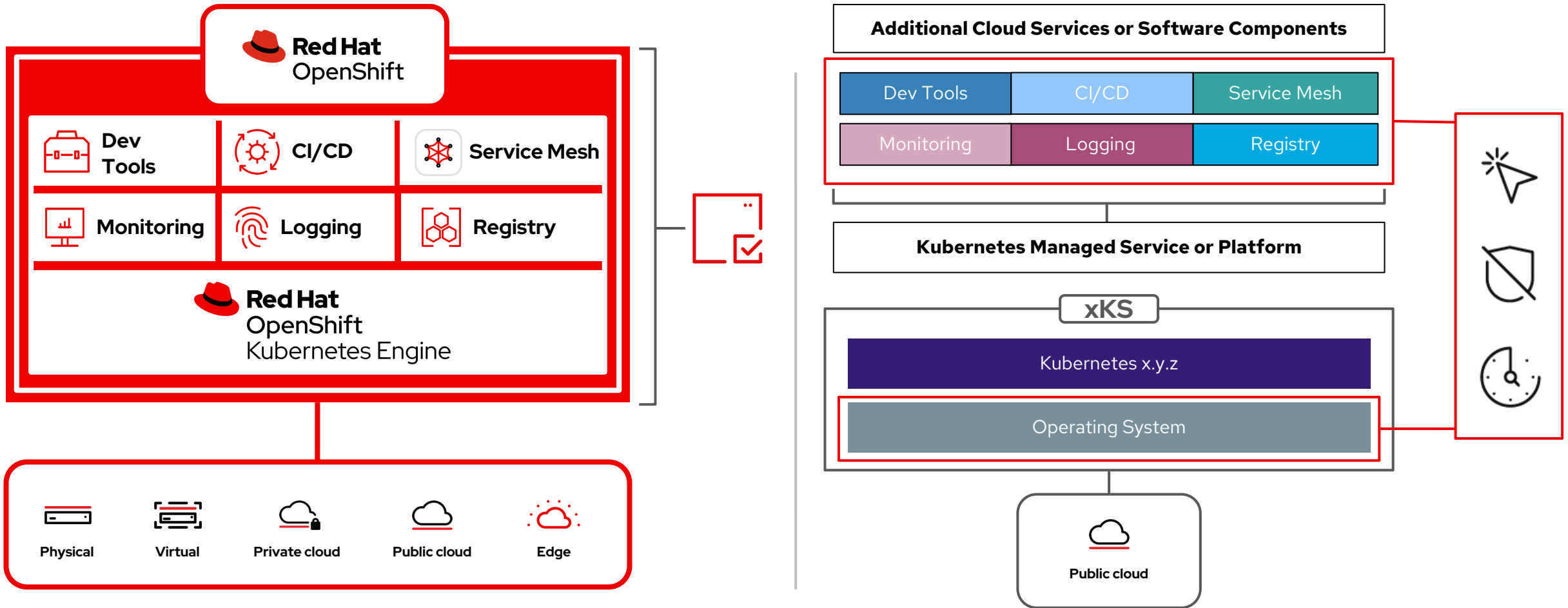
OpenShift Trust & Consistency Across the Hybrid Cloud

Versus managing different stacks across each environment

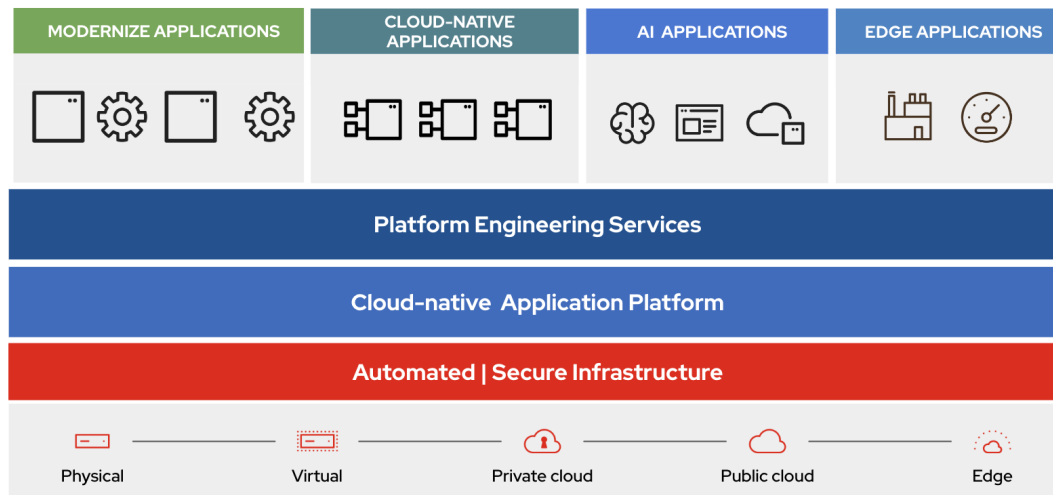
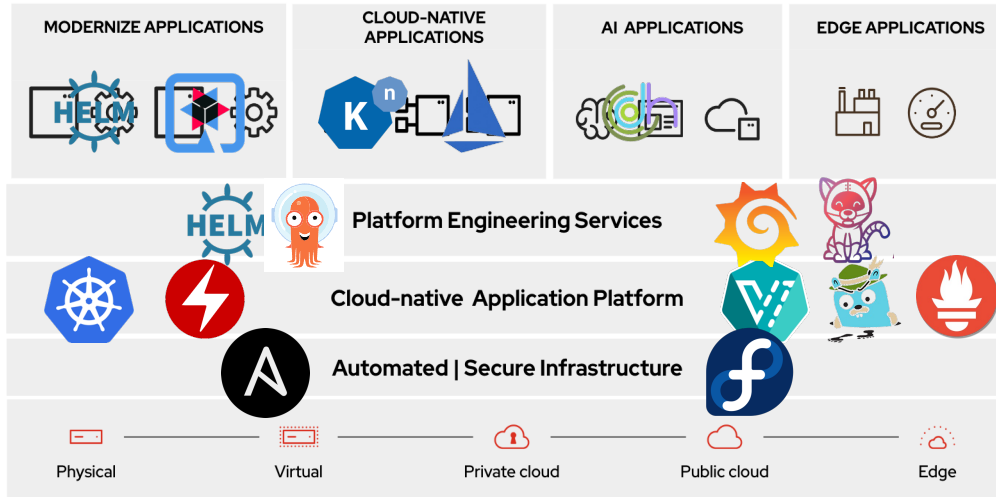


OpenShift Trust & Consistency Across the Hybrid Cloud

Versus managing different stacks across each environment



Red Hat open source projects contributions



Contributions to OSS / CNCF Projects*

Leading Contributor



#2 Contributor



#3 Contributor

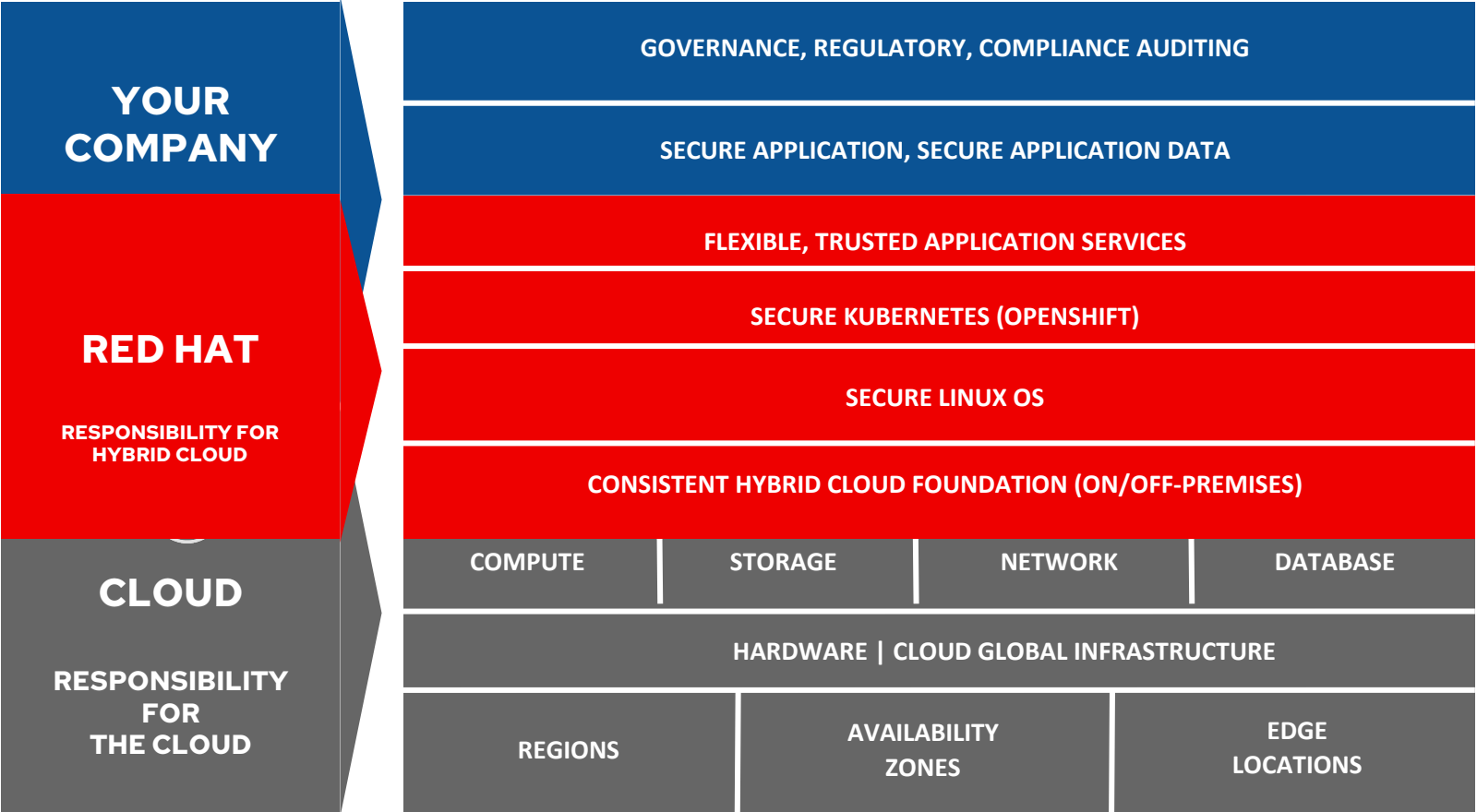


Top 10 Contributor

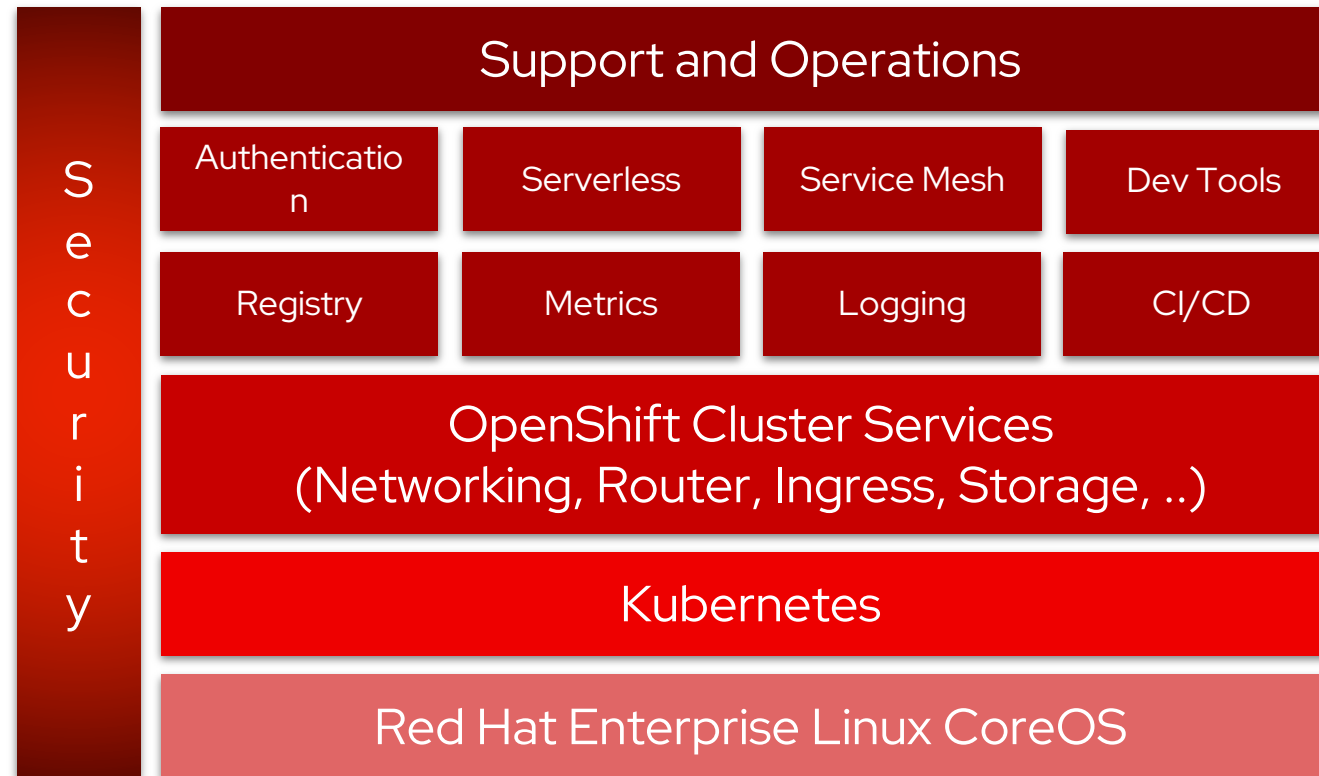


*Updated Q4 2023

Red Hat can help ease the Cloud transition



Flexible cost model for Hybrid Cloud Apps Platform



99.95% SLA, 24x7 SRE, **Hybrid Committed Spend Program**

OpenShift Platform Plus

Red Hat OpenShift Container Platform

Complete platform for containerized application deployment



Red Hat
OpenShift
Container Platform



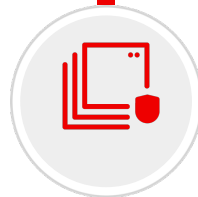
Trusted Enterprise Kubernetes

- Immutable infrastructure with RHEL CoreOS and Kubernetes



Cloud-like Experience Everywhere

- Complete set of advanced services to enhance controls, monitoring and interfaces

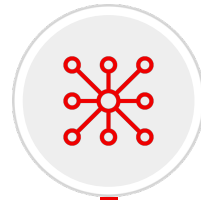


Empowering Developers to Innovate

- Integrated with developer workflows to get applications to production sooner

Red Hat OpenShift Platform PLUS - additional capabilities

Complete platform for deploying, managing and protecting applications across the hybrid cloud



Centralized visibility across the hybrid cloud

- Advanced hybrid cloud foundation management tools (ACM)



Elevating multicluster security

- Kubernetes-native security with integration across the hybrid cloud (ACS)



Secure the application codebase

- Global application and container registry with security scanning services (Quay)



Data services

- Consistent cluster data management for container workloads (ODF Essentials)

Hybrid Cloud with OpenShift Platform Plus

 **Red Hat**
Advanced Cluster Management
for Kubernetes

 **Red Hat**
Quay

 **Red Hat**
Advanced Cluster Security
for Kubernetes

Multi-cluster
Management
layer

Multi cluster management
Observability : Discovery : Policy
: Compliance : Configuration : Workloads

Container registry
Container Builds : Security Scanning
: Geo Replication

Multi cluster security
Kube native declarative security |
DevSecOps

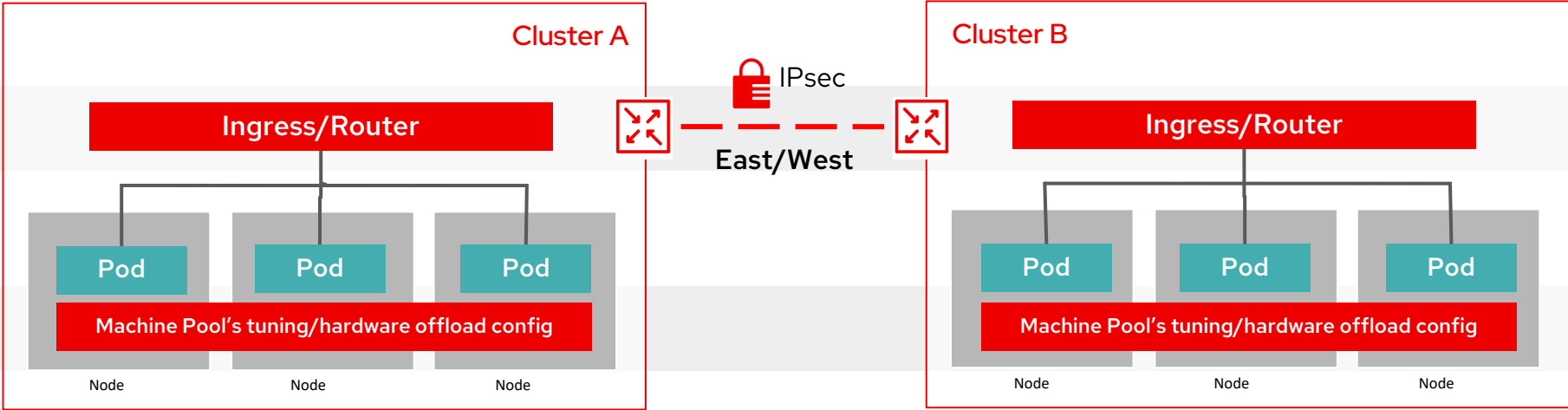
 **Red Hat**
Connectivity Link

Global Ingress/Egress | Global LB

Router layer

Node layer

Storage layer



Cluster Data management

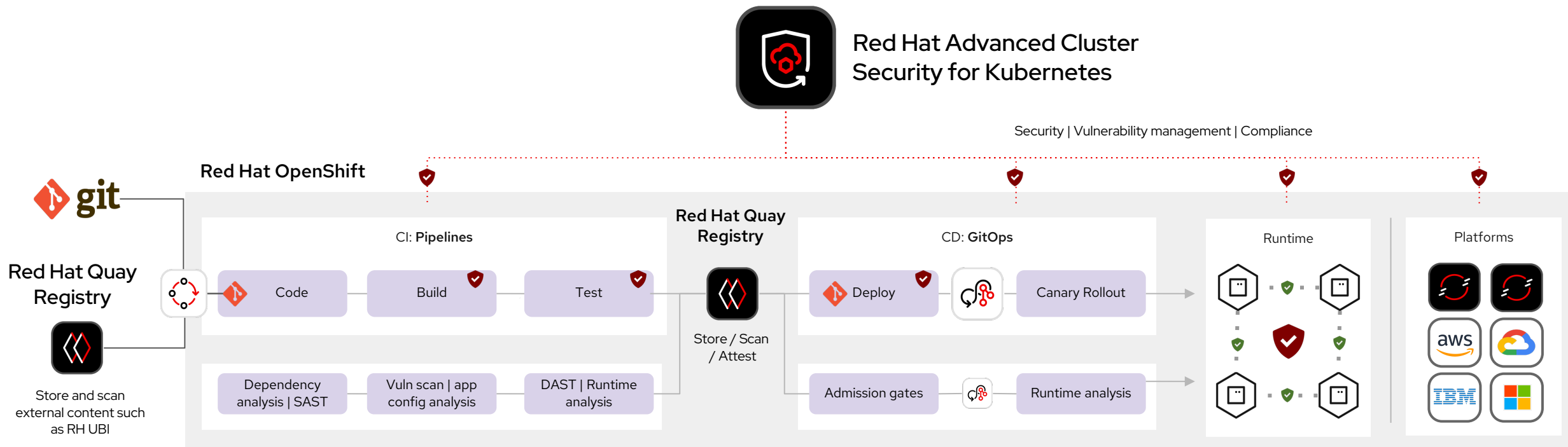
RWO, RWX, Object : Efficiency : Performance : Security : Backup : DR : Multicloud gateway

 **Red Hat**
OpenShift
Data Foundation

 **Red Hat**

Kickstart Supply Chain Security

with RHACS, Quay and OpenShift Platform Plus security capabilities



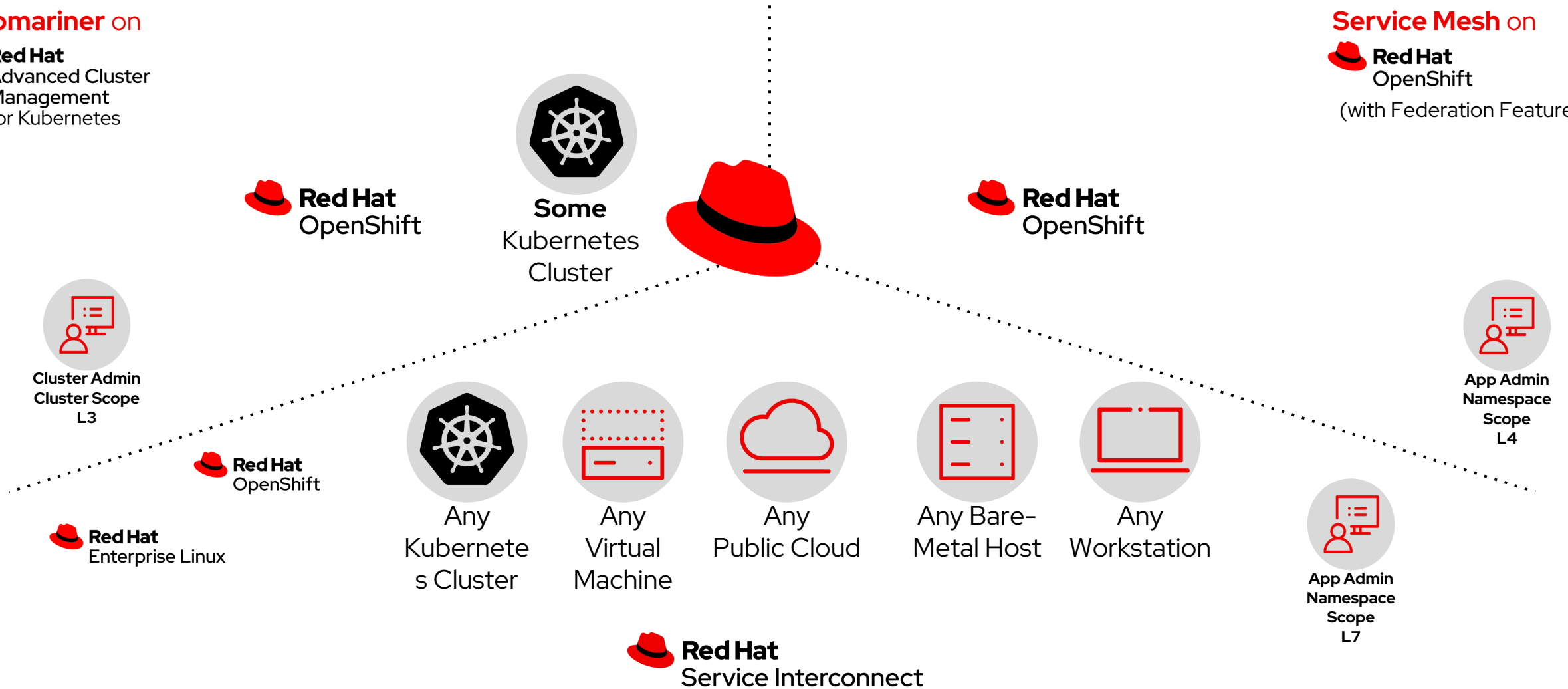
Hybrid Cloud Apps Connectivity Solutions

Submariner on

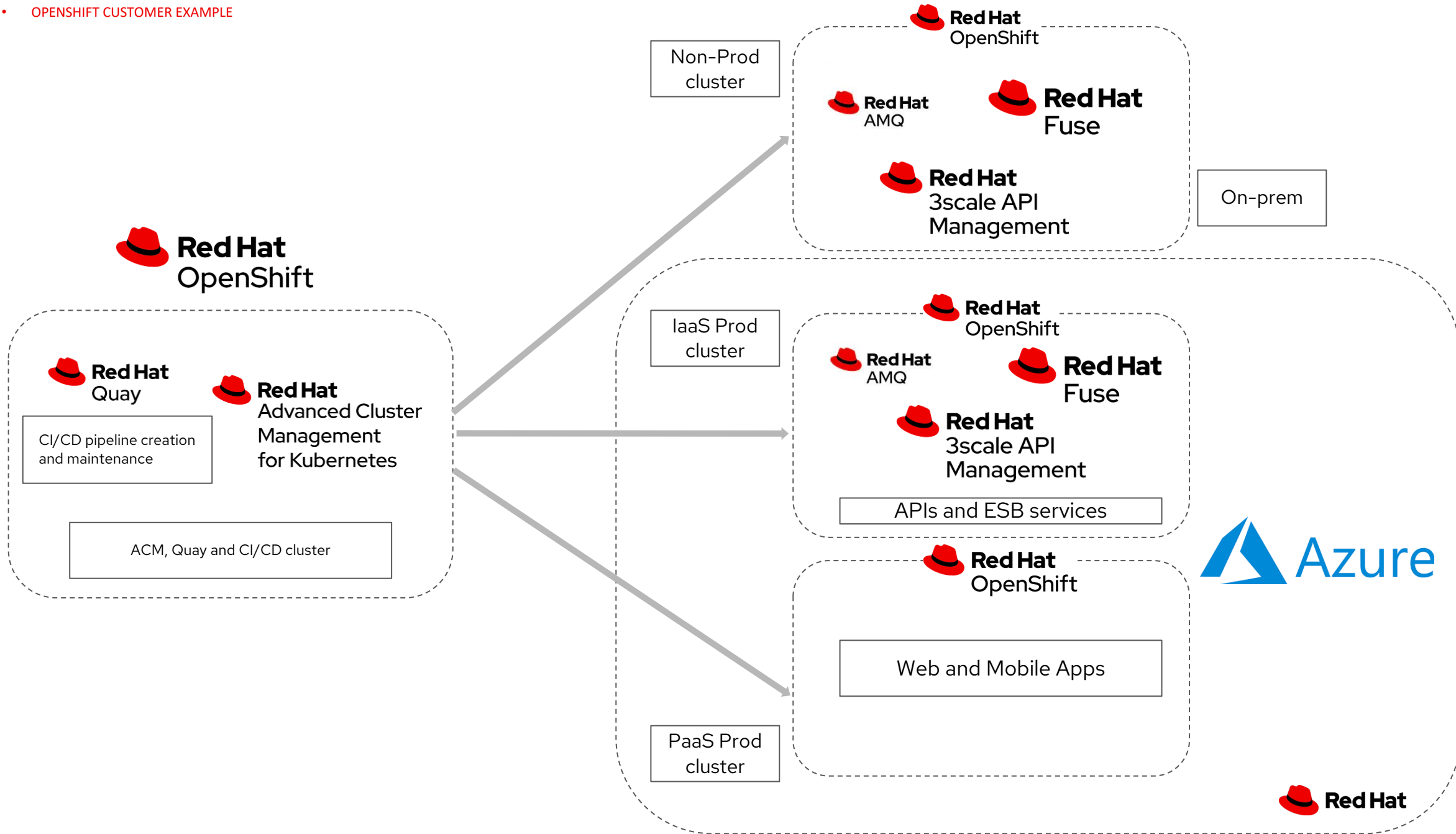
 **Red Hat**
Advanced Cluster
Management
for Kubernetes

Service Mesh on

 **Red Hat**
OpenShift
(with Federation Feature)



• OPENSIFT CUSTOMER EXAMPLE



Business value of OpenShift Platform Plus

A Forrester study: "The Total Economic Impact of Red Hat OpenShift Platform Plus"

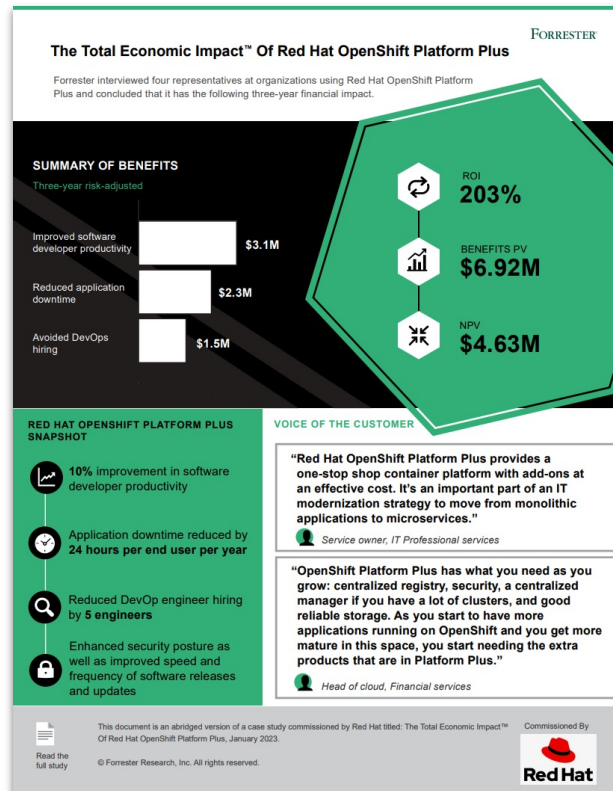


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THE TOTAL ECONOMIC IMPACT™ OF RED HAT OPENSIFT PLATFORM PLUS

- Study download: <https://www.redhat.com/en/resources/forrester-tei-study-analyst-material>
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Red Hat is a Leader in the 2024 Gartner® Magic Quadrant™: Container Management



Source: Gartner, "Magic Quadrant for Container Management," July 2024

Red Hat OpenShift cloud services is a Leader in the 2024 Gartner® Magic Quadrant™ for Cloud Application Platforms



Source: Gartner, "Magic Quadrant for Cloud Application Platforms," October 2024

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