



Red Hat  
**Summit**

# Come l'Open Hybrid Multi cloud di Red Hat accelera la trasformazione digitale

Maurizio Fulli - Hybrid Sales Solution Specialist

Matteo Bernacchi - Senior Solution Architect



What is happening  
in your world?

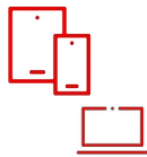
Digital Transformation is the engine that foster these trends



Technology is initiating a new wave of disruption, forcing each IT Decision maker to operate with **speed**



**Transform** how institutions need to **think about technology and security**



**Transform** how the Customer **expects** and use the Services: **multi-channel and mobile** is now a take for granted experience for any services

Data is the “new fuel” to unlock business Value, is forcing massive **scale** of digital systems



**IoT & Data platforms** are creating the new **Data Driven Companies approach**



**Real-time** data analysis through **AI/ML** is key to successfully generating **Business Value for the Decision maker**

A fast and large technologies adoption enforce IT organizations to reshape their Architecture footprint ensuring flexibility and **stability**

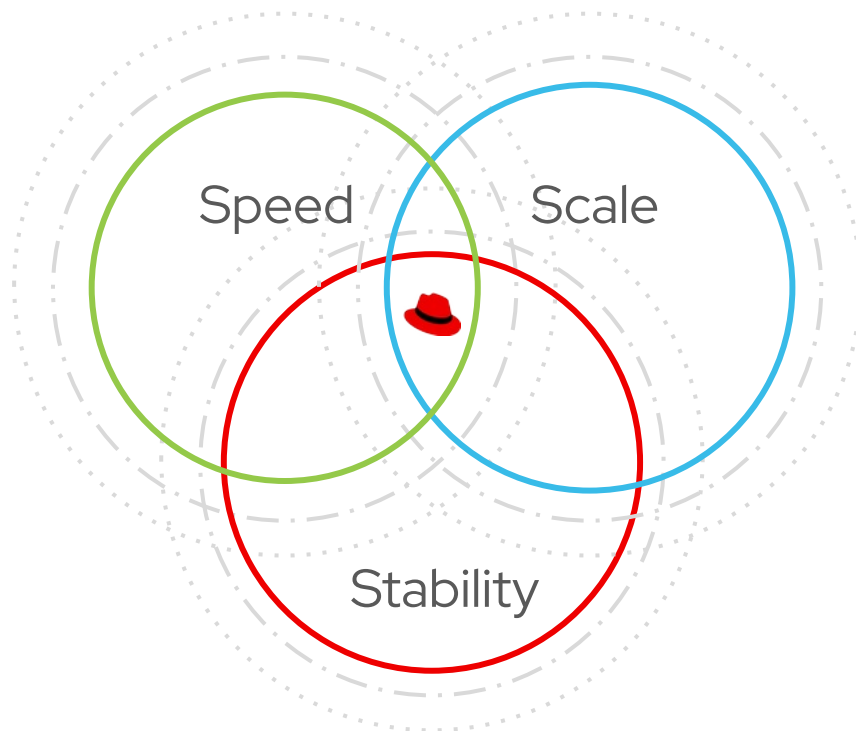


Tech Adoption is a great **chance** for architect your footprints improving **security** and reducing **operational burdens**

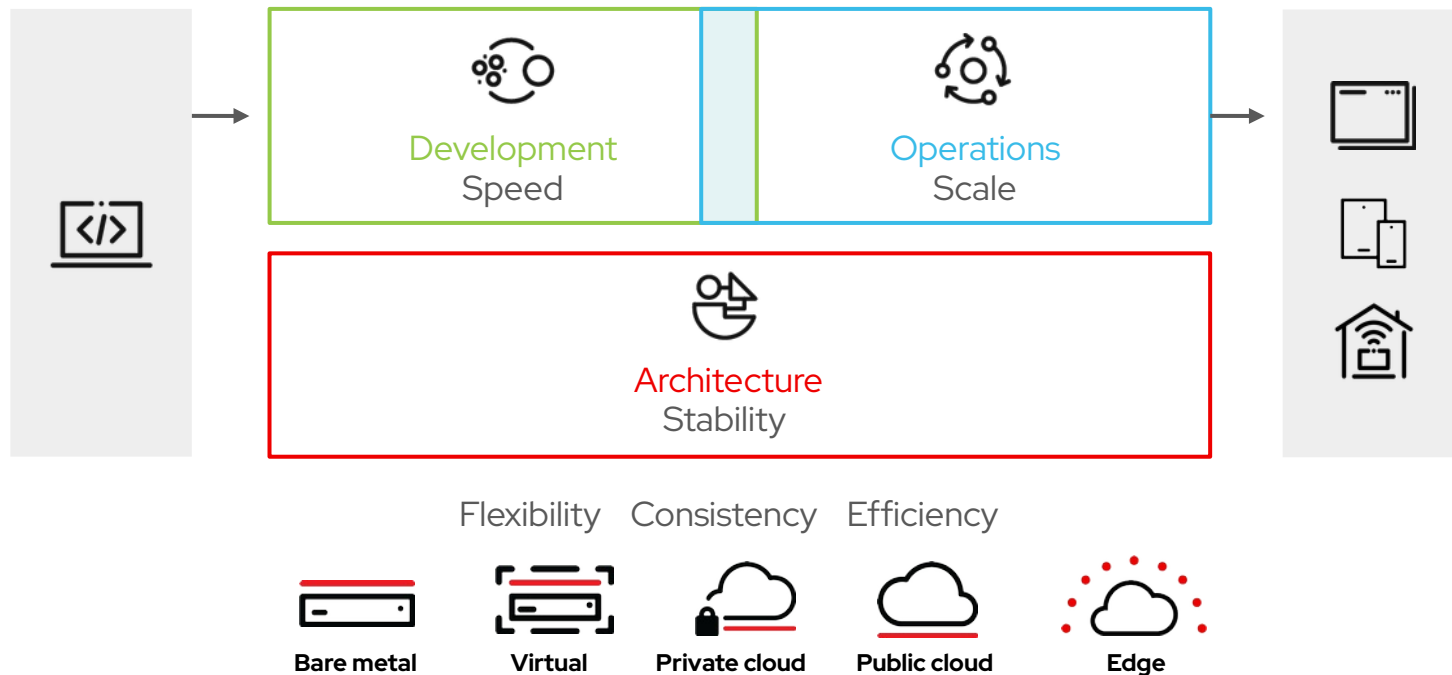


Design a **strategic Architecture evolution path** leveraging on the **consistency and flexibility** you need to conquer the upcoming **Business Challenges**

Digital Transformation rely upon all three pillars



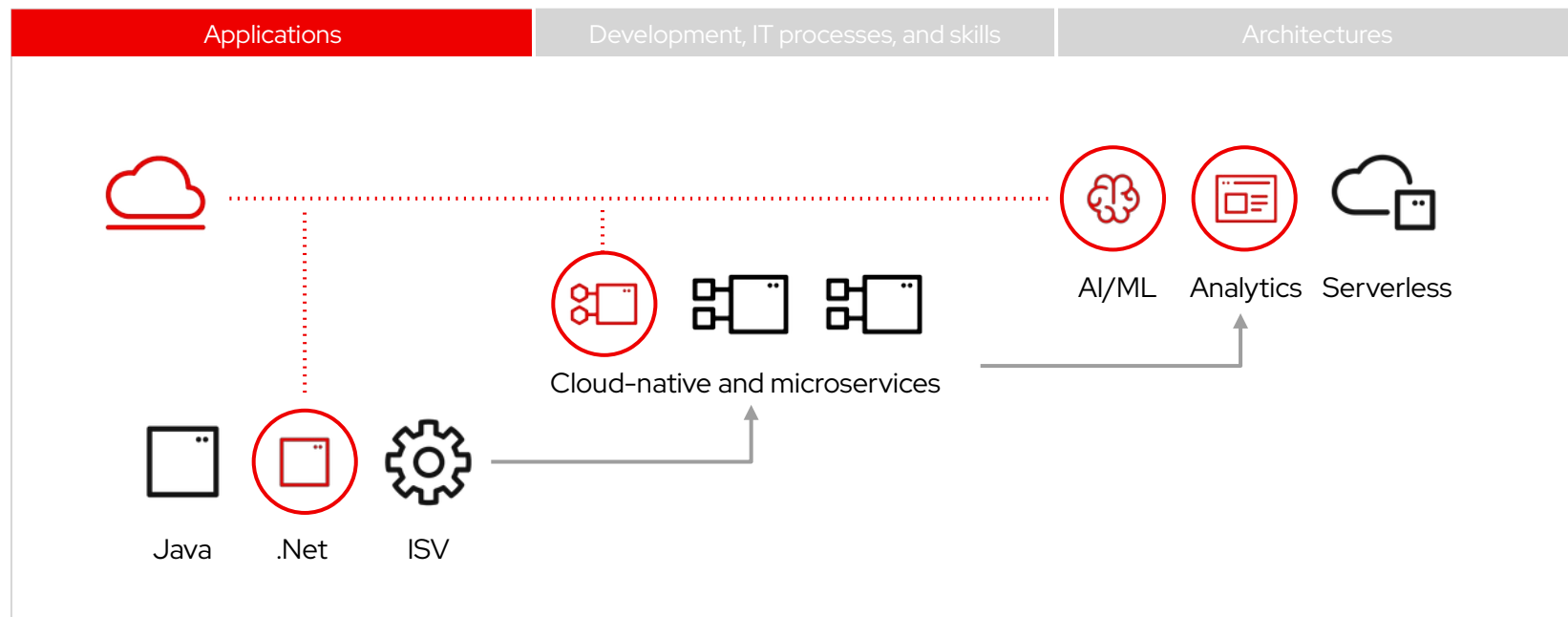
# Digital Transformation means handle an hybrid world





# Hybrid is more than a strategy

It's a way to bring together your existing hybrid mix of new and old...



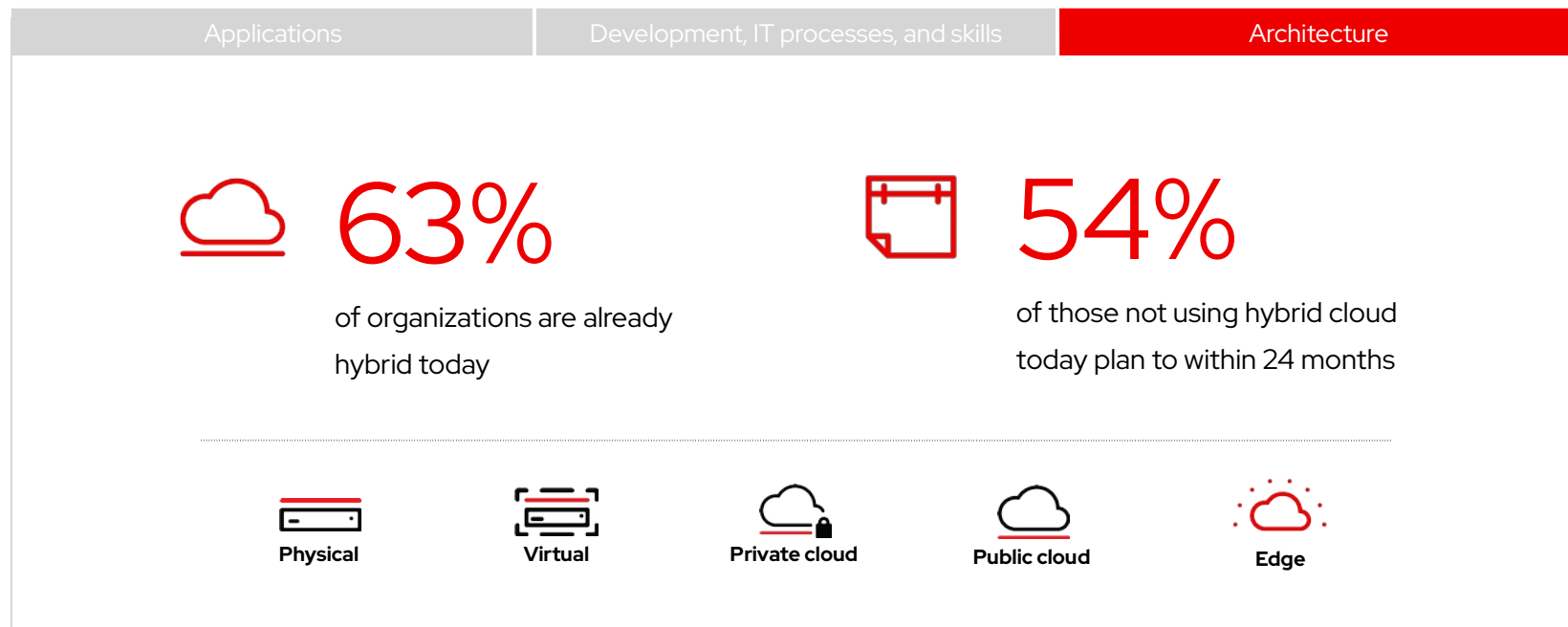
# Hybrid is more than a strategy

It's a way to bring together your existing hybrid mix of new and old...

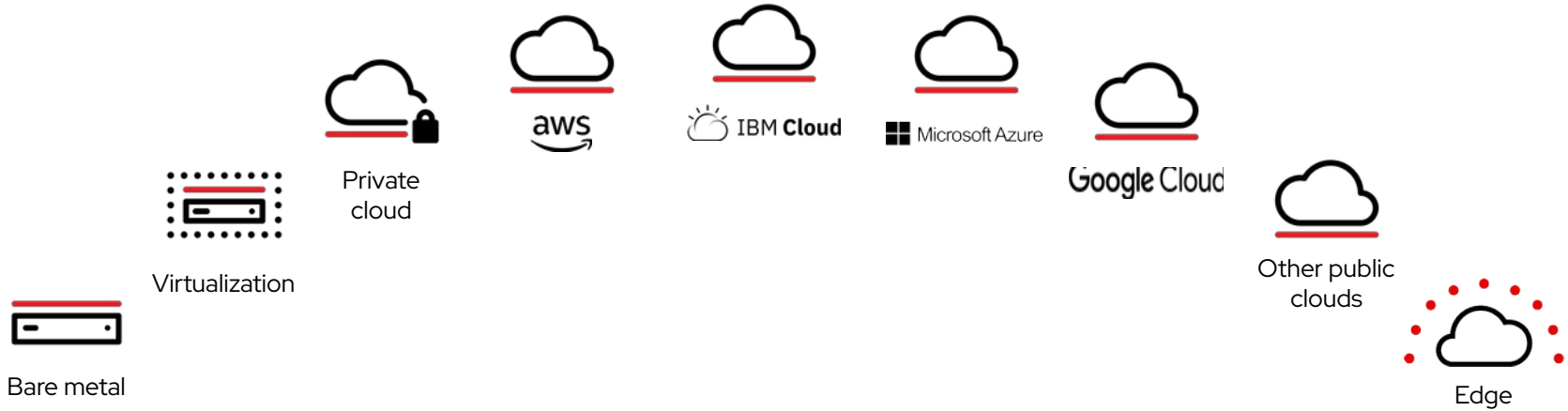


# Hybrid is more than a strategy

It's a way to bring together your existing hybrid mix of new and old...



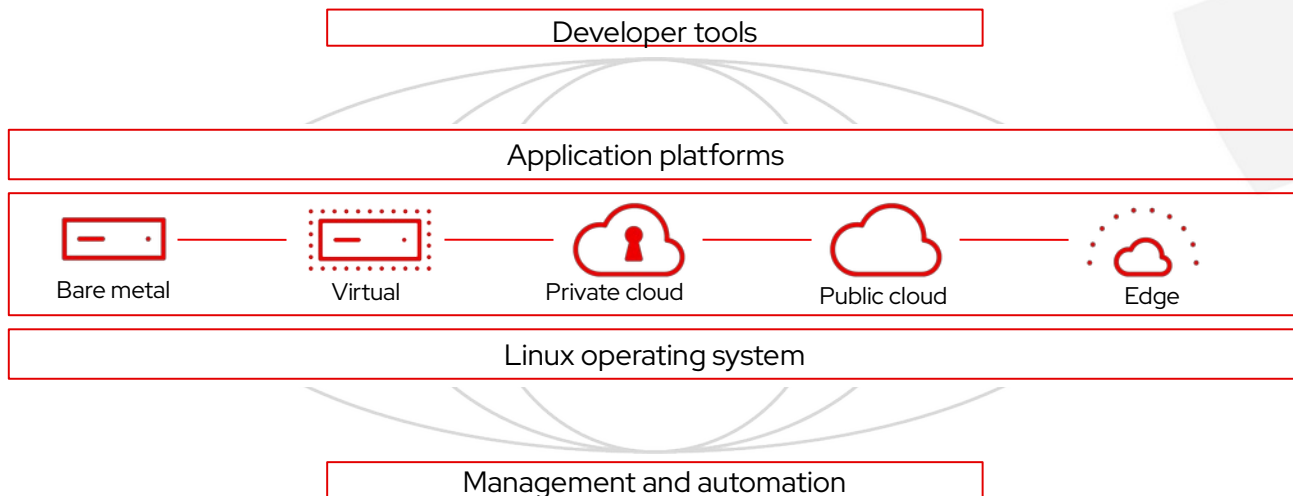
# What infrastructure are you using for Hybrid Cloud?



## Red Hat vision & way-to: **Open Hybrid Multi Cloud & Edge**

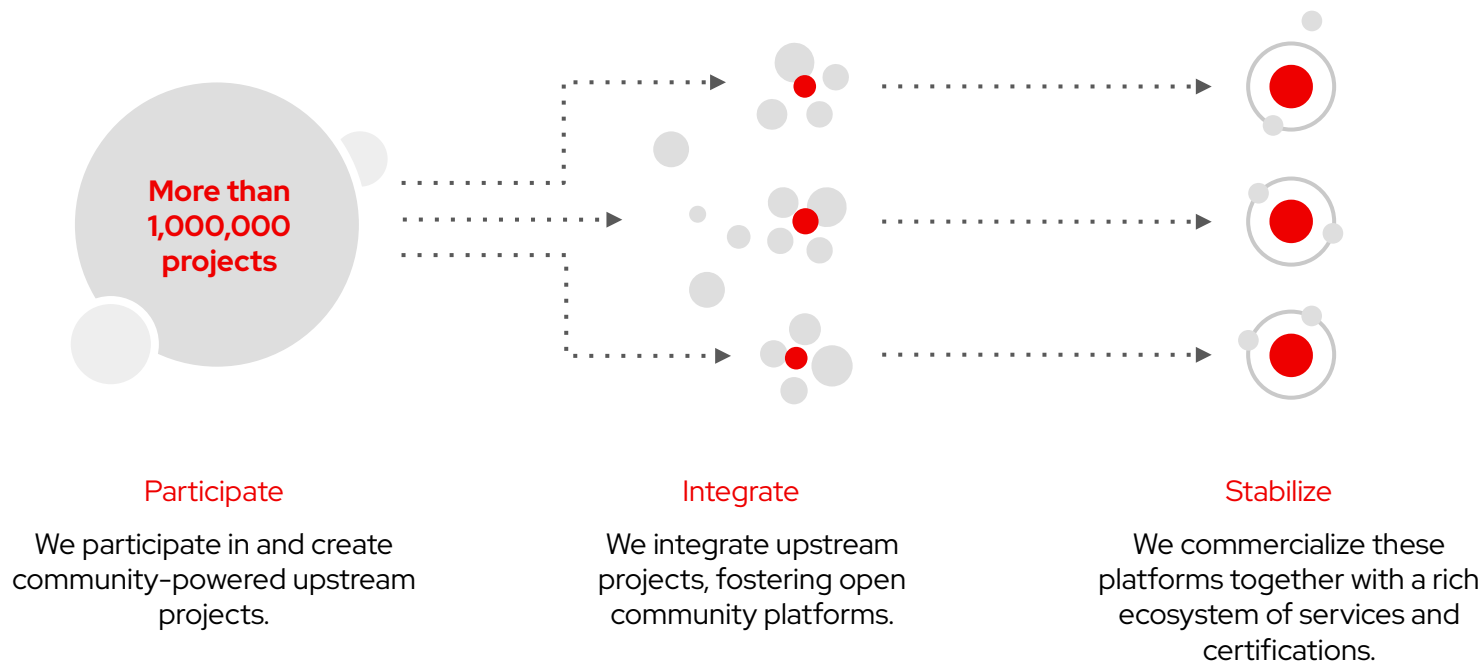
- Develop application once, deploy everywhere through automations
- Same experience, same skills, same processes everywhere (on premise, on multi cloud, on edge)
- Enabling a "cloud brokering" service model and Multi Cloud approach

Any workload, any footprint, any location

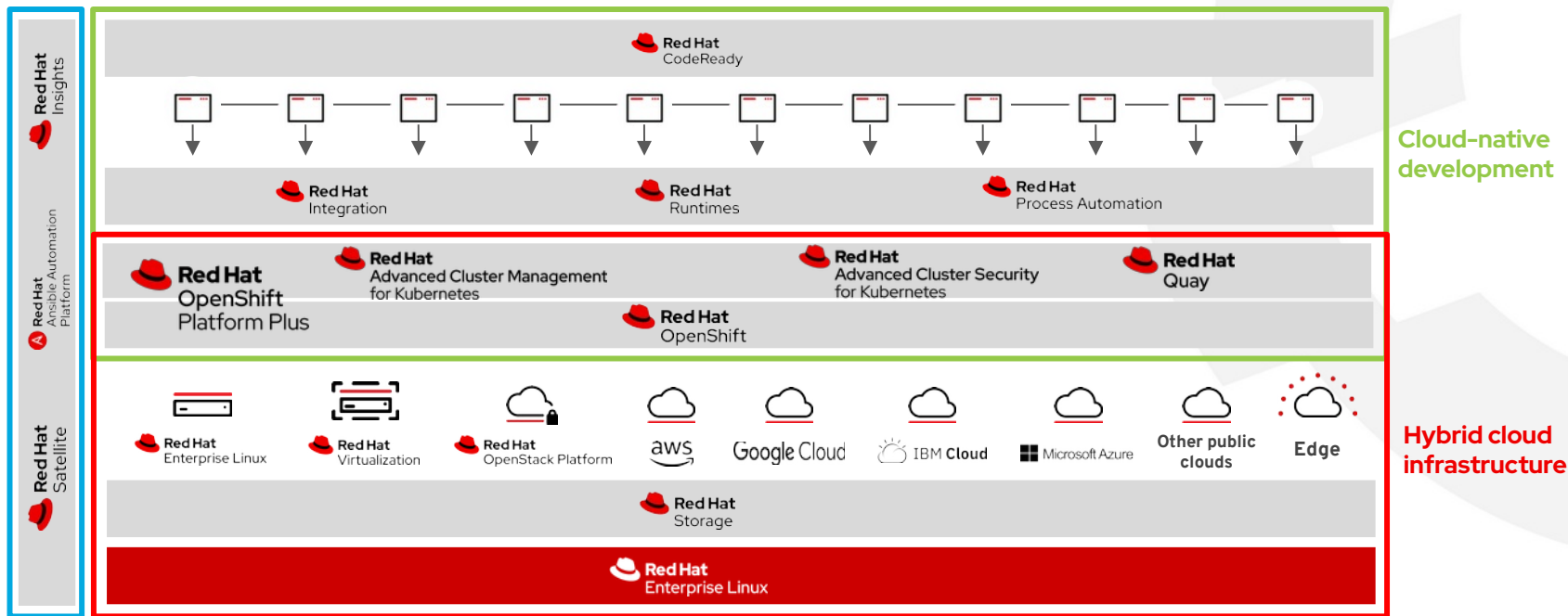


# Open hybrid cloud starts with open source

Red Hat is the leader in open source for the enterprise



# A product portfolio that delivers the open hybrid multi cloud promise

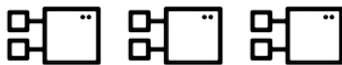


Management  
& automation

## Traditional apps



## Cloud-native apps



## AI/ML, Functions



Communities of Innovation | Ecosystems of Solutions



Secure & Automated Infrastructure and Operations



Physical



Virtual



Private cloud



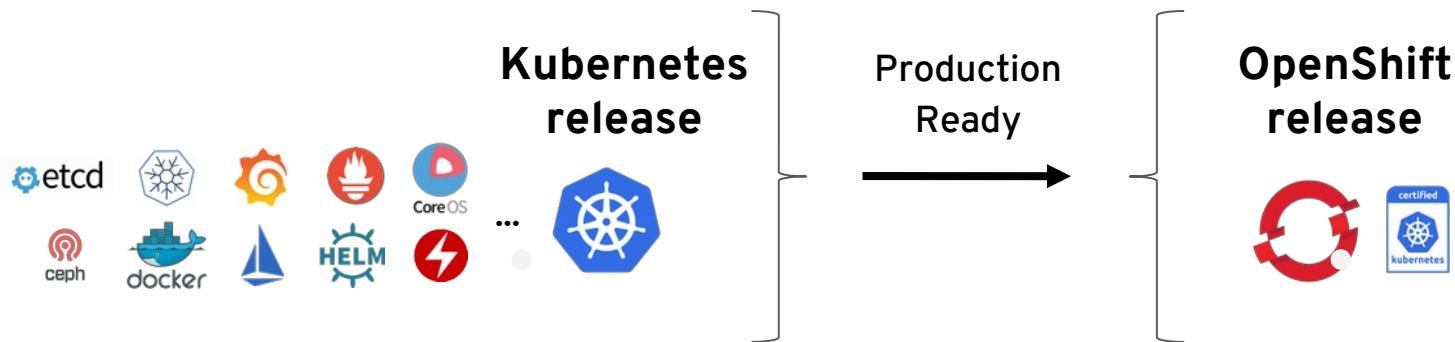
Public cloud



Edge



# OpenShift is trusted enterprise Kubernetes







- Hundreds of defect and performance fixes
- 200+ validated integrations
- Certified container ecosystem
- 9-year enterprise life-cycle management
- Red Hat is a leading Kubernetes contributor since day 1

# Red Hat OpenShift

A consistent platform no matter how or where you run....maximizing flexibility

Start quickly, we  
manage it for you

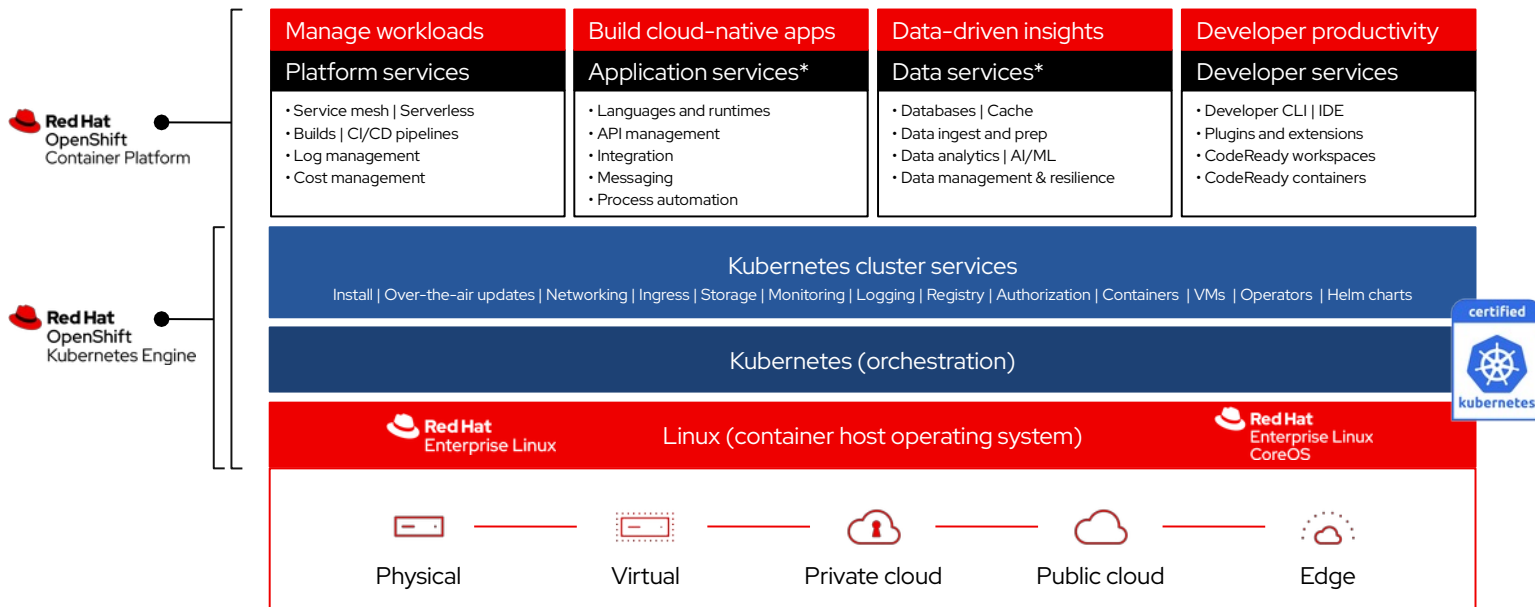
Managed Red Hat OpenShift services			
			
Red Hat OpenShift Service on AWS	Azure Red Hat OpenShift	Red Hat OpenShift on IBM Cloud	Red Hat OpenShift Dedicated

You manage it, for  
control and flexibility

Self-managed Red Hat OpenShift			
 <b>Red Hat OpenShift Platform Plus</b>	 <b>Red Hat OpenShift Container Platform</b>	 <b>Red Hat OpenShift Kubernetes Engine</b>	On public cloud, or on- premises on physical or virtual infrastructure

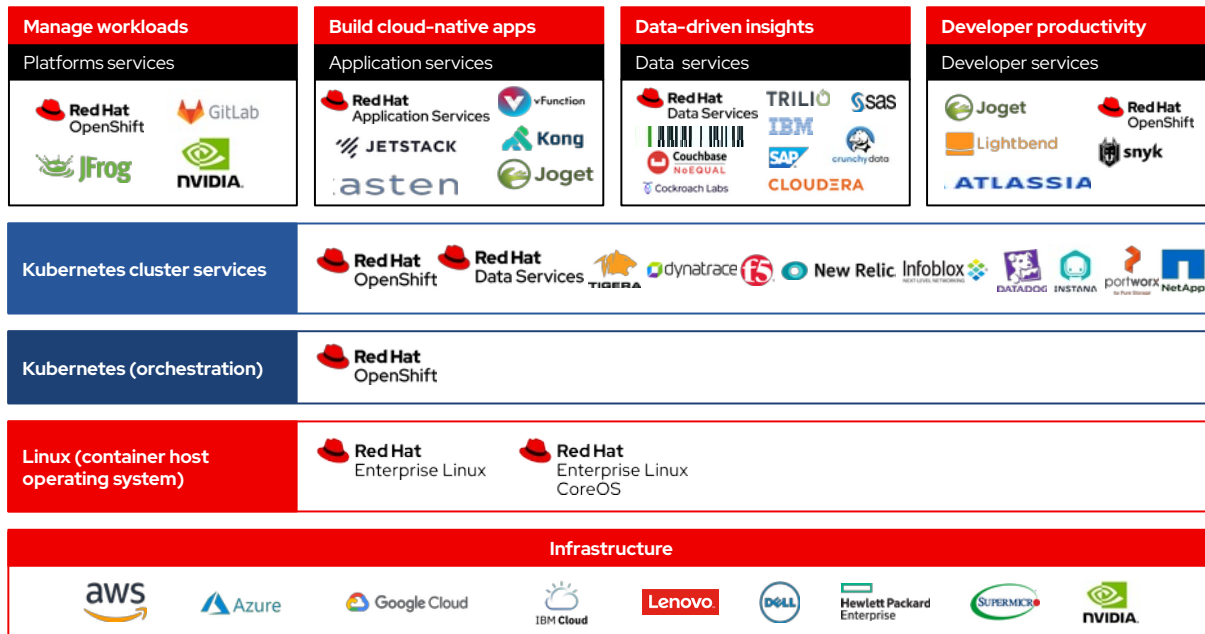
# What is OpenShift Container Platform?

- ▶ Expanded platform services (service mesh, serverless, pipelines, GitOps)
- ▶ Full developer console and services
- ▶ Enhanced application and data services



# OpenShift Container Platform

## Partner Ecosystem



# Complete the Hybrid Architecture

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



**Red Hat**

Advanced Cluster Management  
for Kubernetes



**Red Hat**

Advanced Cluster Security  
for Kubernetes



**Red Hat**

Quay



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)

# Single Pane of Glass for the Hybrid Cloud



Multicloud lifecycle management



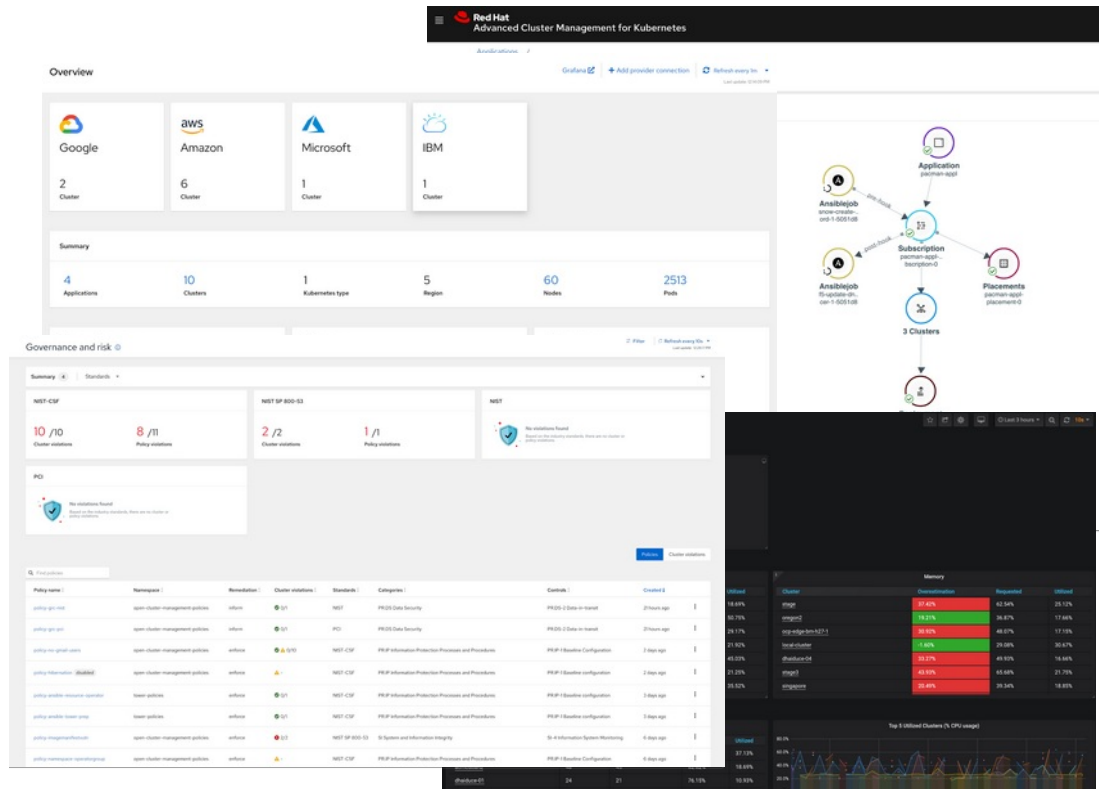
Policy driven governance, risk, and compliance



Advanced application lifecycle management



Multicloud observability for health, optimization and financial transparency



# Continuous security for containerized applications

A cloud workload protection platform and cloud security posture management to enable you to “shift left”

## Shift left

## Cloud security posture management (CSPM)

## Cloud workload protection (CWPP)

Secure supply chain

Secure infrastructure

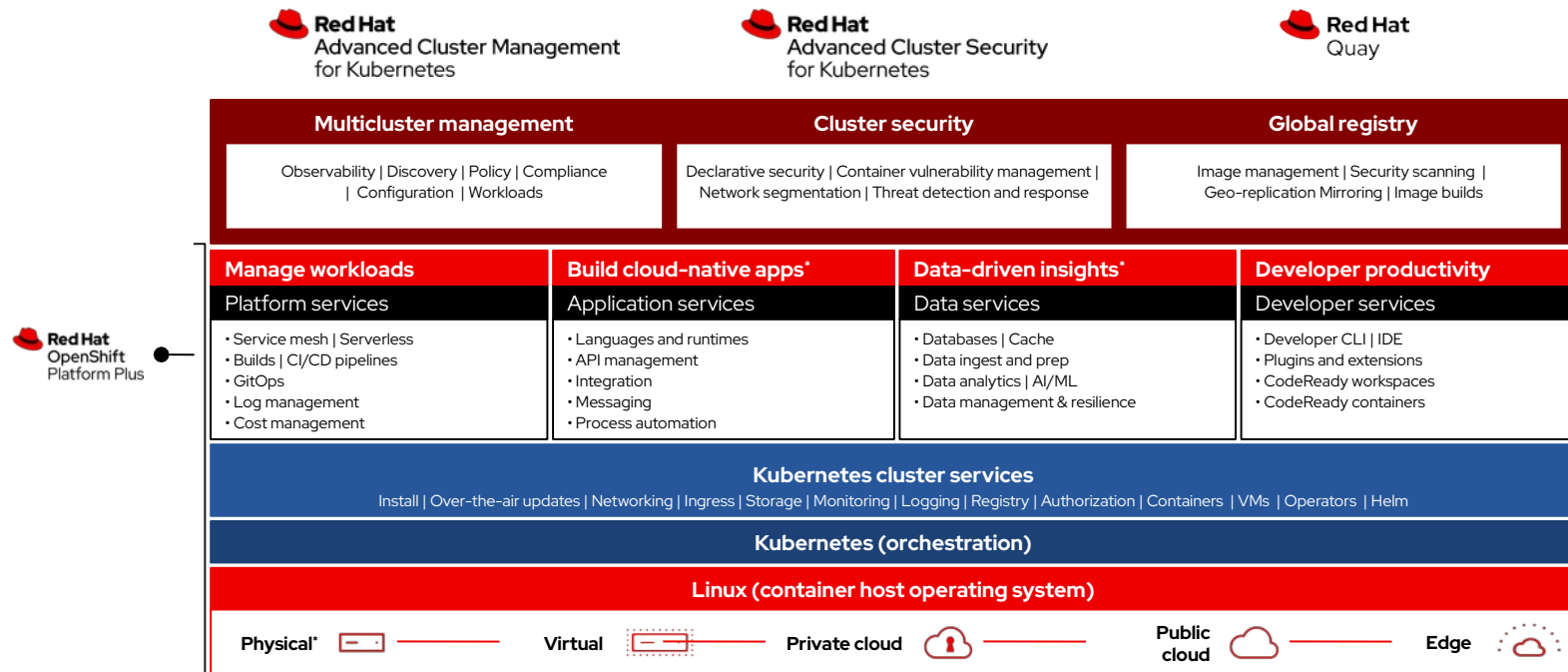
Secure workloads

Extend scanning and compliance into development (DevSecOps)

Leverage built-in Kubernetes CSPM to identify and remediate risky configurations

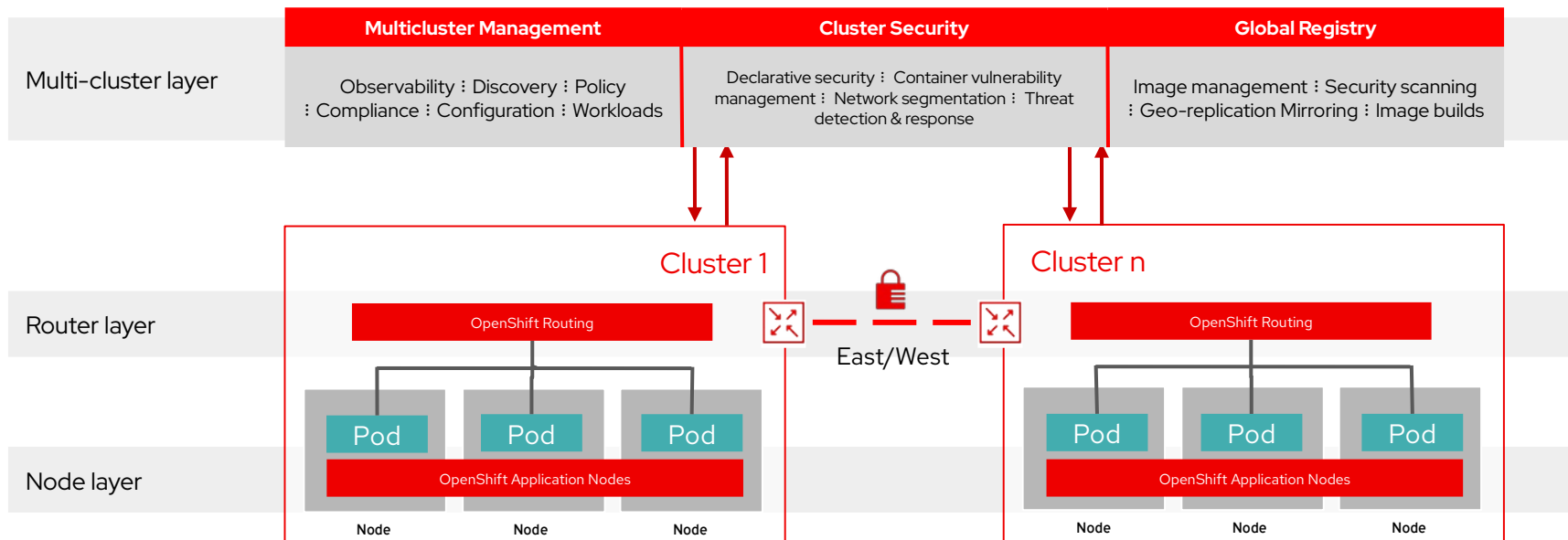
Maintain and enforce a “zero-trust execution” approach to workload protection

# Completed Services Platform for Hybrid Cloud

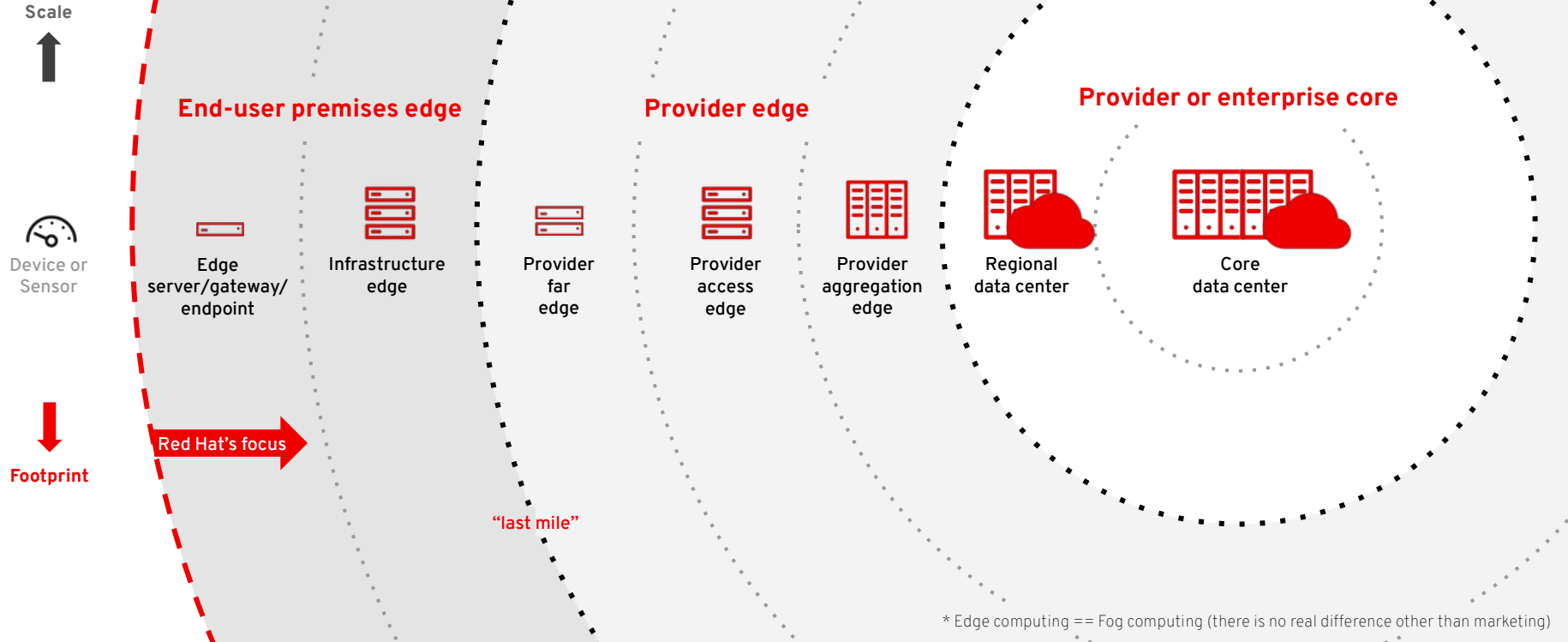




# Enabling Hybrid and Multi-Cloud Deployments



# From Central to the Edge tiers



\* Edge computing == Fog computing (there is no real difference other than marketing)

# Red Hat Open Hybrid Cloud

Enabling any application, on any infrastructure, in any location



**Traditional  
N-Tier Apps**



**Cloud Native  
Microservices**



**Data, Analytics  
& AI/ML**



**ISV Packaged  
Apps**

**Red Hat OpenShift**



**Physical**



**Virtual**



**Private cloud**



**Public cloud**



**Edge cloud**

**Red Hat Enterprise Linux**



Red Hat  
Summit

# Thank you



[linkedin.com/company/Red-Hat](https://linkedin.com/company/Red-Hat)



[facebook.com/RedHatinc](https://facebook.com/RedHatinc)



[youtube.com/user/RedHatVideos](https://youtube.com/user/RedHatVideos)



[twitter.com/RedHat](https://twitter.com/RedHat)



Red Hat