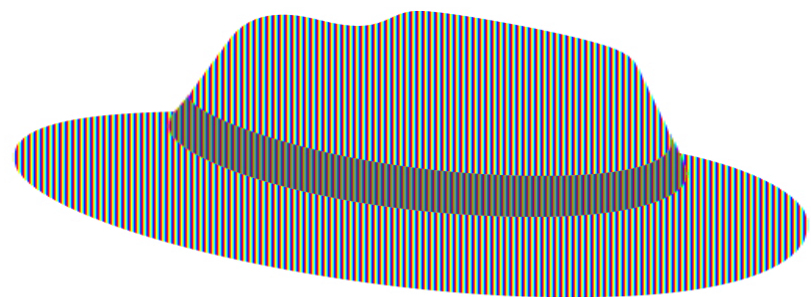
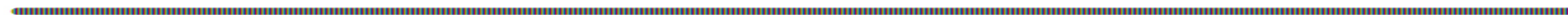


Architectural control in the world of Cloud

Darren Long
Sales Specialist - AppDev & Hybrid
Cloud, Sweden



Red Hat



intel

What we'll discuss today

- Developments with cloud
- Journey to cloud
 - Some options
- Red Hat Open hybrid cloud approach
- Questions & discussion

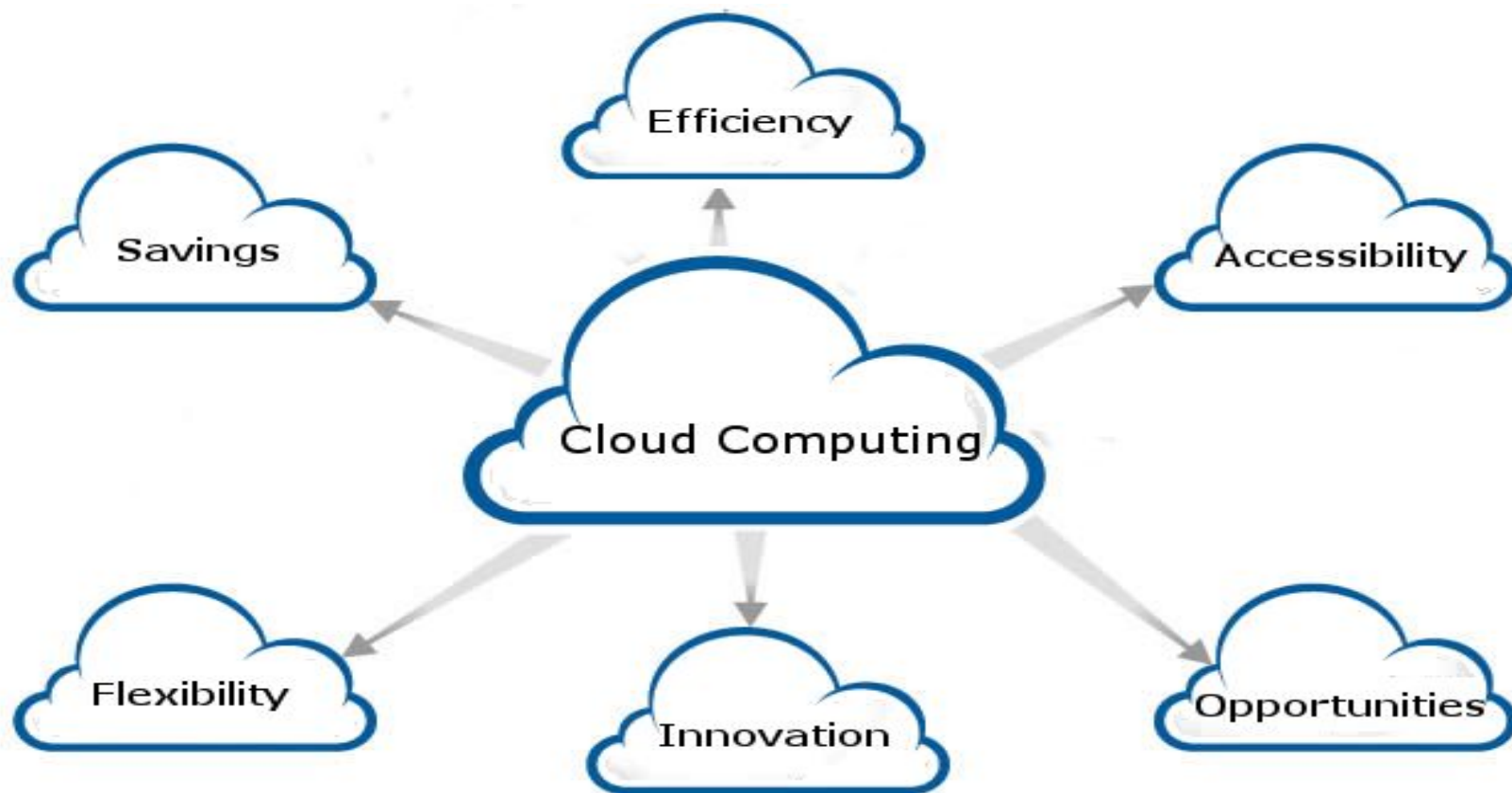




What's happening with cloud?

- IDC data

Potential benefits of Cloud computing



Most Critical Technology Initiatives for European CEOs?

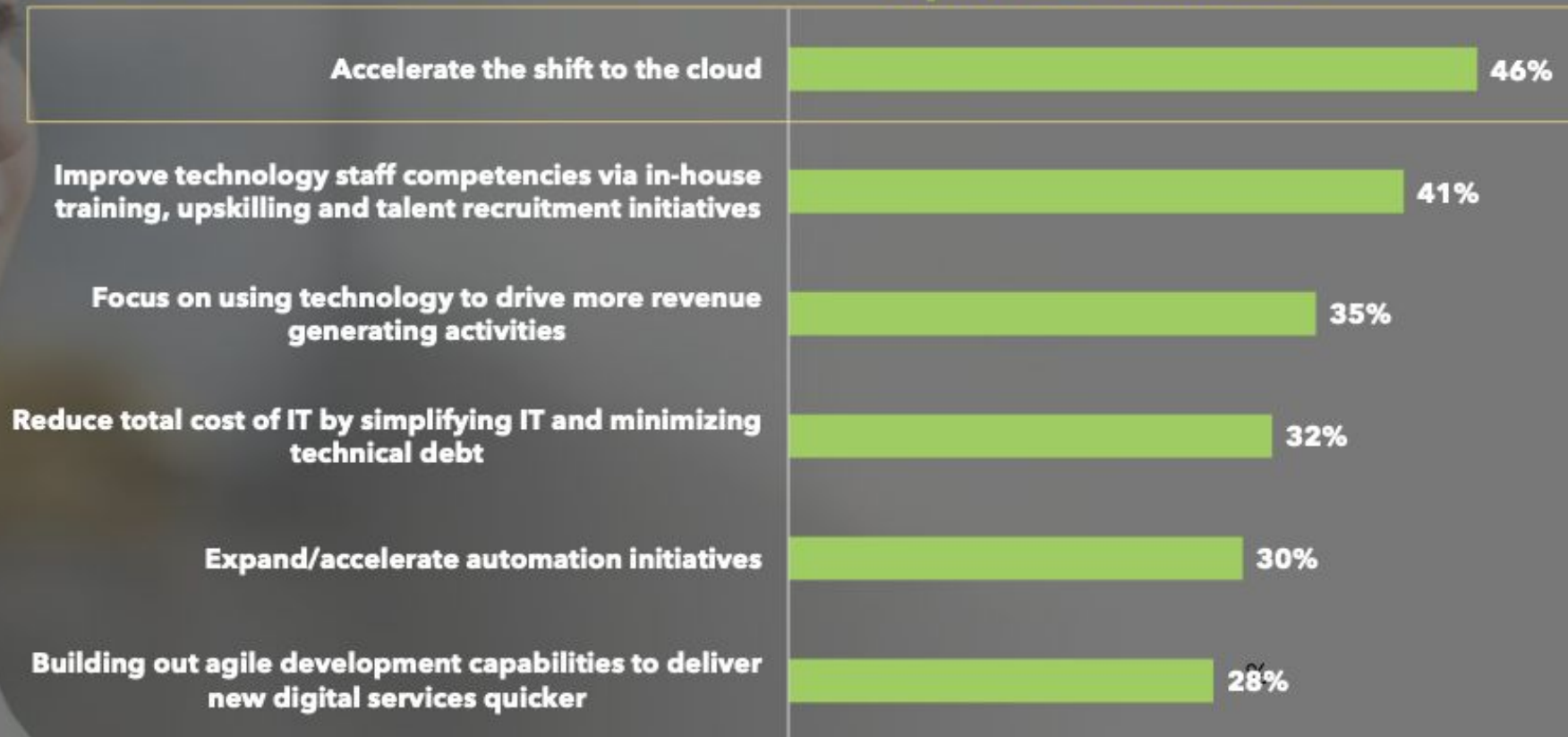
Cloud, Skills & Driving Revenue Generation

Which of the following will be critical technology initiatives for your organization in 2022?

86%

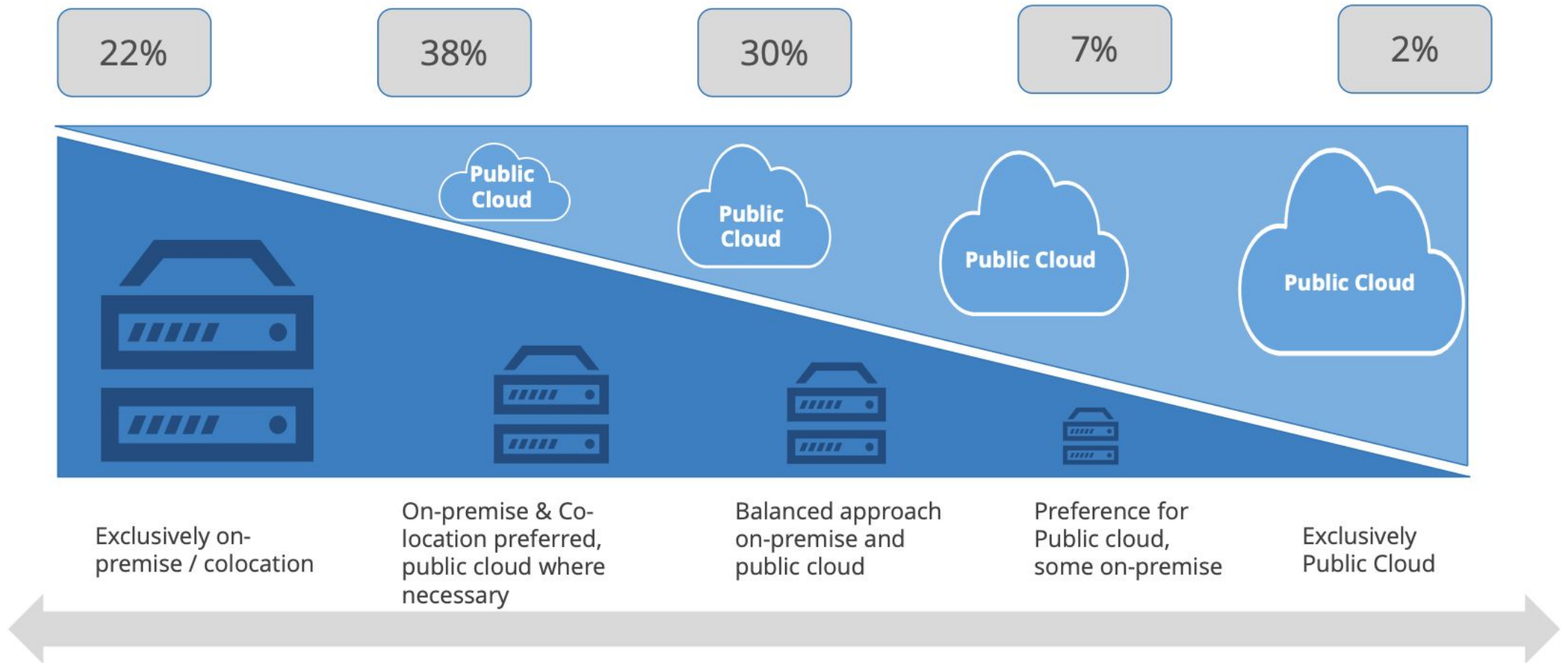
of European CEOs will increase **tech spending** for 2022 or maintain it at the same level of 2021

Top 6 Tech Initiatives



The digital future is built on cloud

BUT majority is still on-premises 2021 IT Infrastructure & Cloud Adoption



Where Business applications are running





Journey to cloud

- Some options

Journey to Cloud



Mono cloud
One cloud



Hybrid cloud
Off and on premise



Multicloud
Cloud agnostic

Why multicloud? - Gartner

Multicloud computing decisions usually rest on three considerations:

1

Sourcing: The desire to **increase agility** and avoid or minimize vendor lock-in. The decision may be driven by a variety of factors, including availability, performance, data sovereignty, regulatory requirements and labor costs.

2

Architecture: Modern applications are, by design, created in a more modular style. They can span multiple cloud providers or consume services from multiple clouds.

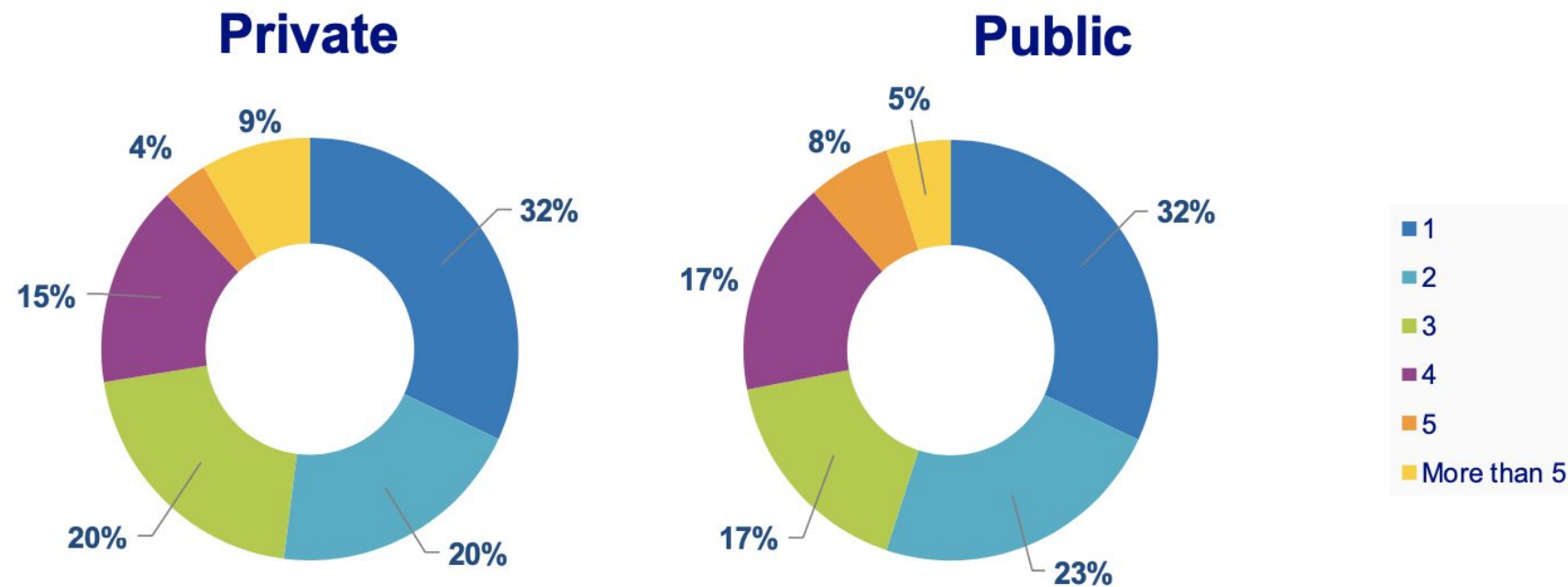
3

Governance: To ensure operational control, enterprises want to unify administration and **monitoring of their IT systems**. They want to standardize policies, procedures and processes and share some tools — especially those that enable cost governance and optimization — across multiple cloud providers.

<https://www.gartner.com/smarterwithgartner/why-organizations-choose-a-multicloud-strategy/>

Hybrid & Multicloud in the Nordics

- How many cloud platforms does your organisation use?



Source: IDC Nordic Cloud Survey 2020 n=200

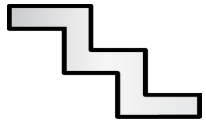


Red Hat Open Hybrid Cloud

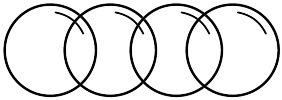
Architectures are evolving

Development Process

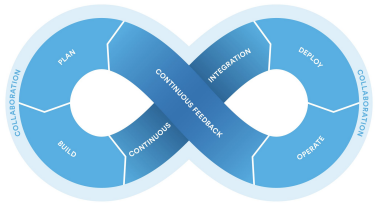
Waterfall



Agile

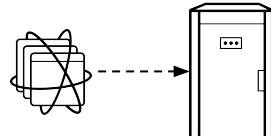


DevOps

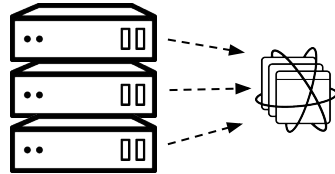


Application Architecture

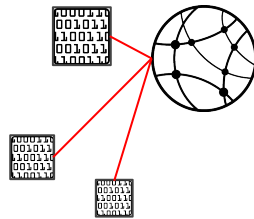
Monolithic



N-Tier



Microservices

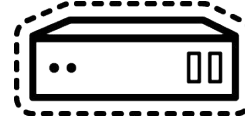


Deployment & Packaging

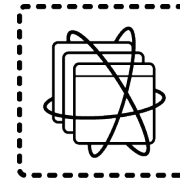
Physical



Virtual



Containers



Infrastructure

Static



Dynamic

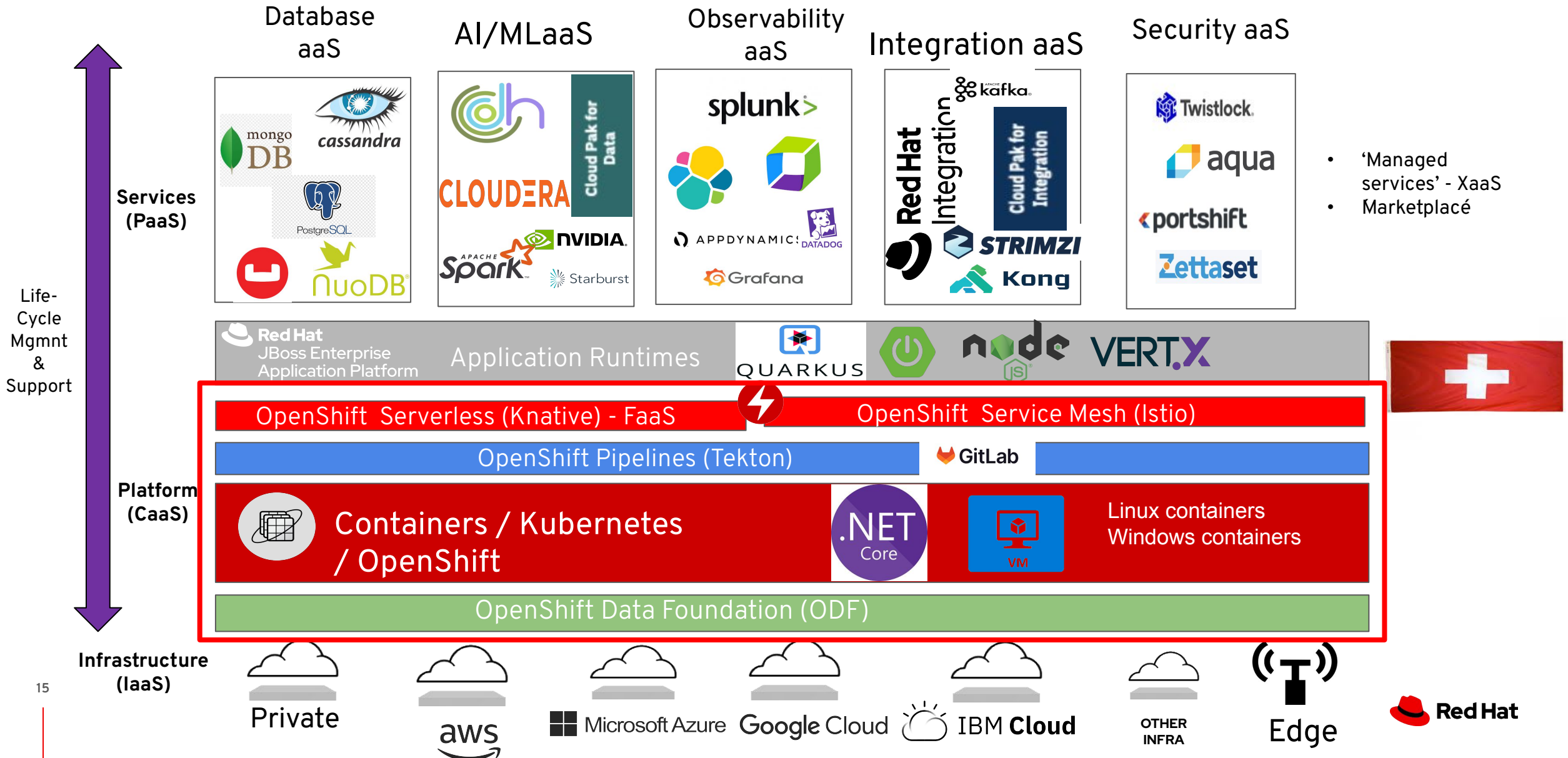


Cloud / Hybrid



Open, hybrid, multi-cloud

- Innovation & modernisation platform



Open hybrid cloud accelerates software delivery



“We wanted the flexibility and efficiency of cloud-native stacks while being able to meet regulatory constraints, and Red Hat was the right choice for us to be aligned with open source innovation in cloud-native stacks such as Kubernetes and containers, combined with the security and stability of an enterprise solution”

Abdulla Qassem
Group Chief Operating Officer

Emirates NBD

The power
of **open**

Global Sales Kickoff | 2020



The Forrester Wave™: Multicloud Container Development Platforms, Q3 2020



157266

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OpenShift offers a broad set of hybrid cloud services

Developer Efficiency

Business Productivity

Enterprise Ready

Red Hat OpenShift



**Red Hat OpenShift
Service on AWS**

ROSA

**Azure Red Hat
OpenShift**

ARO

**Red Hat
OpenShift on
IBM Cloud**

ROKS

**Red Hat
OpenShift
Dedicated**

OSD

**OpenShift
Container
Platform**

OCP

Joint offerings with Cloud Provider

Red Hat Managed

Self Managed OCP

**Offered as a Native Console offering on equal parity with cloud provider
Kubernetes service**

or

Customer Managed OCP

Various infrastructure



Red Hat Open Hybrid Cloud

Enabling any application, on any infrastructure, in any location



**Traditional
N-Tier Apps**



**Cloud Native
Microservices**

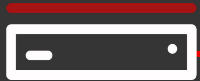


**Data, Analytics
& AI/ML**



**ISV Packaged
Apps**

Red Hat OpenShift



Physical



Virtual



Private cloud



Public cloud



Edge cloud

Red Hat Enterprise Linux

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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