A Perspective on a Multi-Cloud World

Sasha Rosenbaum

Black Belt Team Lead, Red Hat

@DivineOps

Sasha Rosenbaum

Black Belt Team Lead, Red Hat
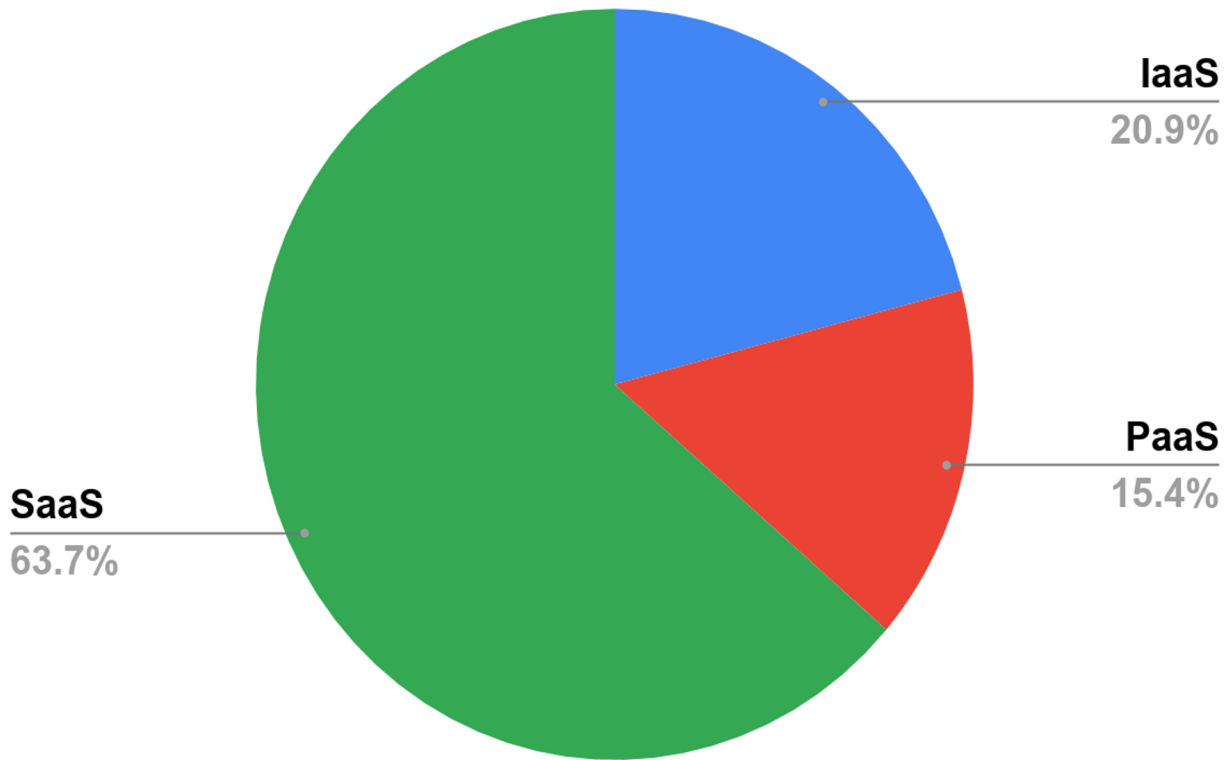
Dev

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DevRel

Customer Success

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Let's start with some basics…

SaaS
63.7%

IaaS
20.9%

PaaS
15.4%

**2020 Worldwide Public Cloud Revenues
(~$235B USD)**

Public Cloud

- IaaS - Dominated by 6-8 Clouds
- PaaS - Dominated by 50-100 Clouds
- SaaS - Over 4000 SaaS offerings

Data Center | Private Cloud

- "Only 20% is in the Public Cloud" - IBM
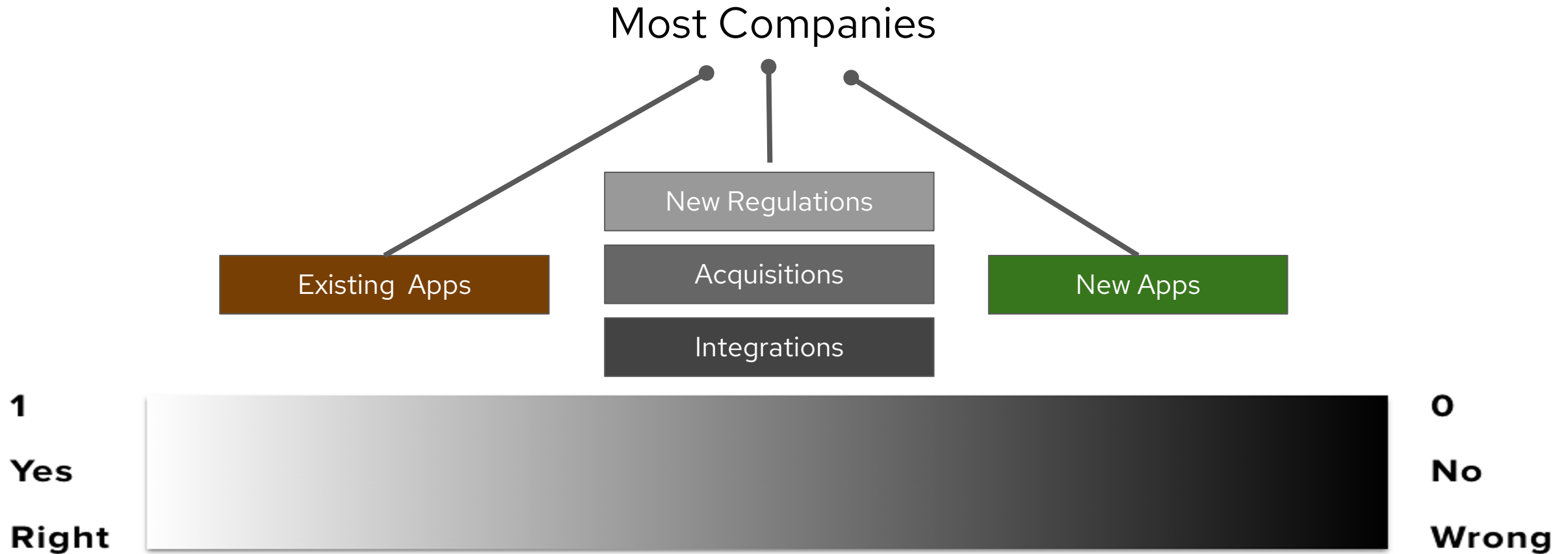- "Only 5% is in the Public Cloud " - AWS

**2020 Worldwide Data Center Revenues
($2-4T USD)**

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The numbers tell us that the Cloud is still in **early days**, with **many valid choices today**, and many **long-term challenges** to address.

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Does Multi-Cloud really exist?

Vendors
Analysts
Thought-Leaders
Twitter

Vendors
Analysts
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Twitter

1

Yes

Right

0

No

Wrong

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Does Multi-Cloud really exist?

Most Companies

New Regulations

Existing Apps

Acquisitions

New Apps

Integrations

1   0

Yes   No

Right   Wrong

How do Companies think about Multi-Cloud?

Centralized IT Groups		Decentralized Groups

PLANNED ARCHITECTURE

- Managing both Private and Public Cloud
- Consistent Technology
- Consistent Operations
- Consistent Security
- Consistent Audit/Compliance
- Flexible Add-Ons
- Self-Service Access

(40%)

EVOLVED ARCHITECTURE

- Managing Private Cloud
- Managing Public Cloud
- Not managing Public Cloud
- Acquisitions
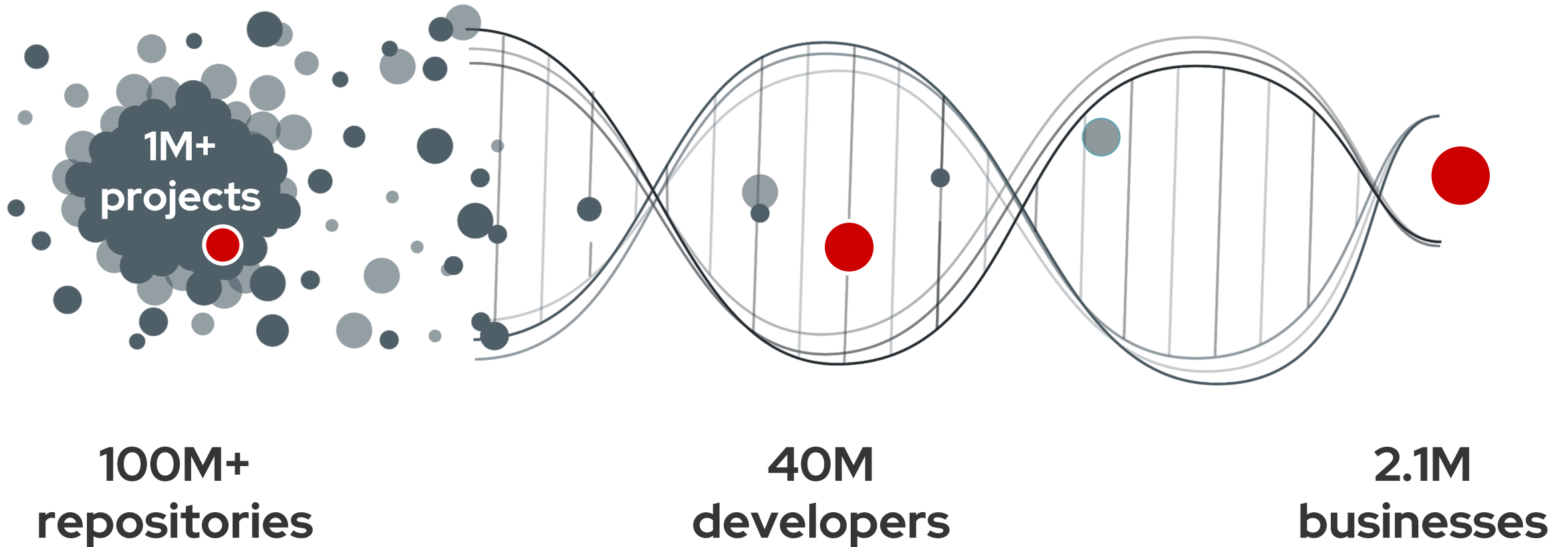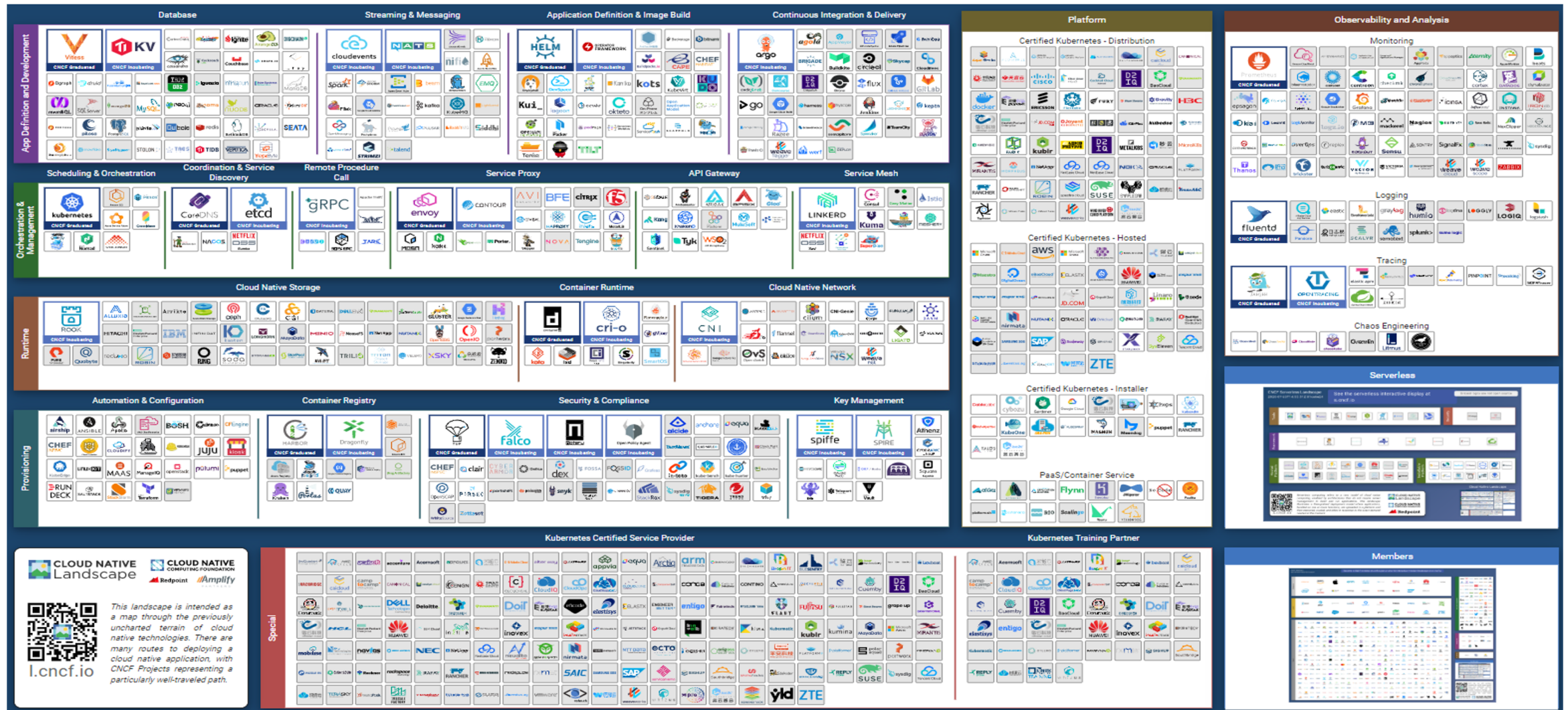- Centralized and Distributed Teams and Architectures

(40%)

NOT OUR PROBLEM

- Only Public Cloud
- Self-Managed (at least initially)

(20%)

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Open source is defining the new industry standards

1M+ projects

100M+ repositories

40M developers

2.1M businesses

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But open source presents many choices…

How to Proceed in a Multi-Cloud World?

Operational Consistency

Build Against Open APIs

Technology Consistency

Understand Data Locality

Thank you!

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