

Cloud platform

Multi Hybrid

Platform

IaaS

Container

PaaS

FaaS

SaaS

Business quality attribute

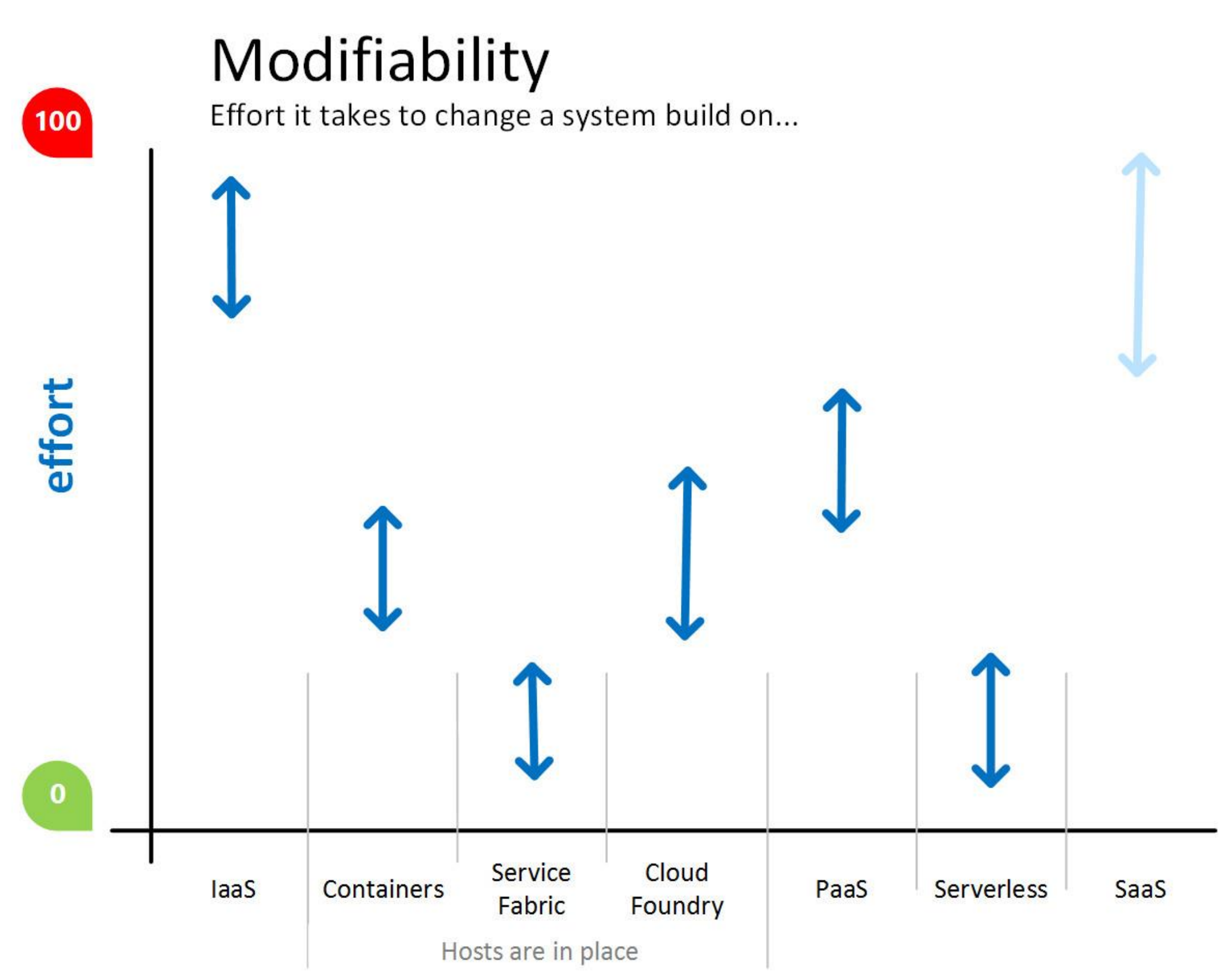
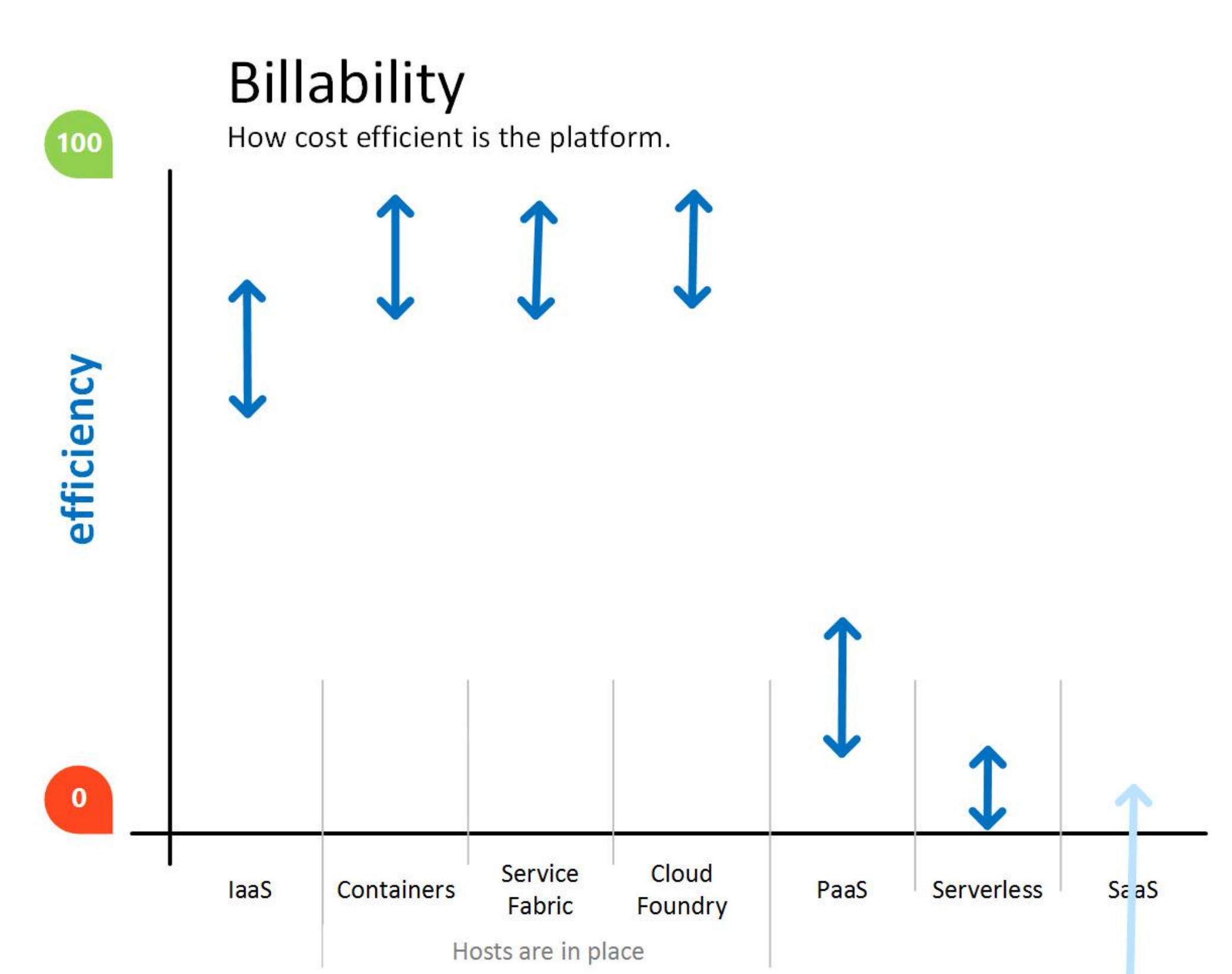
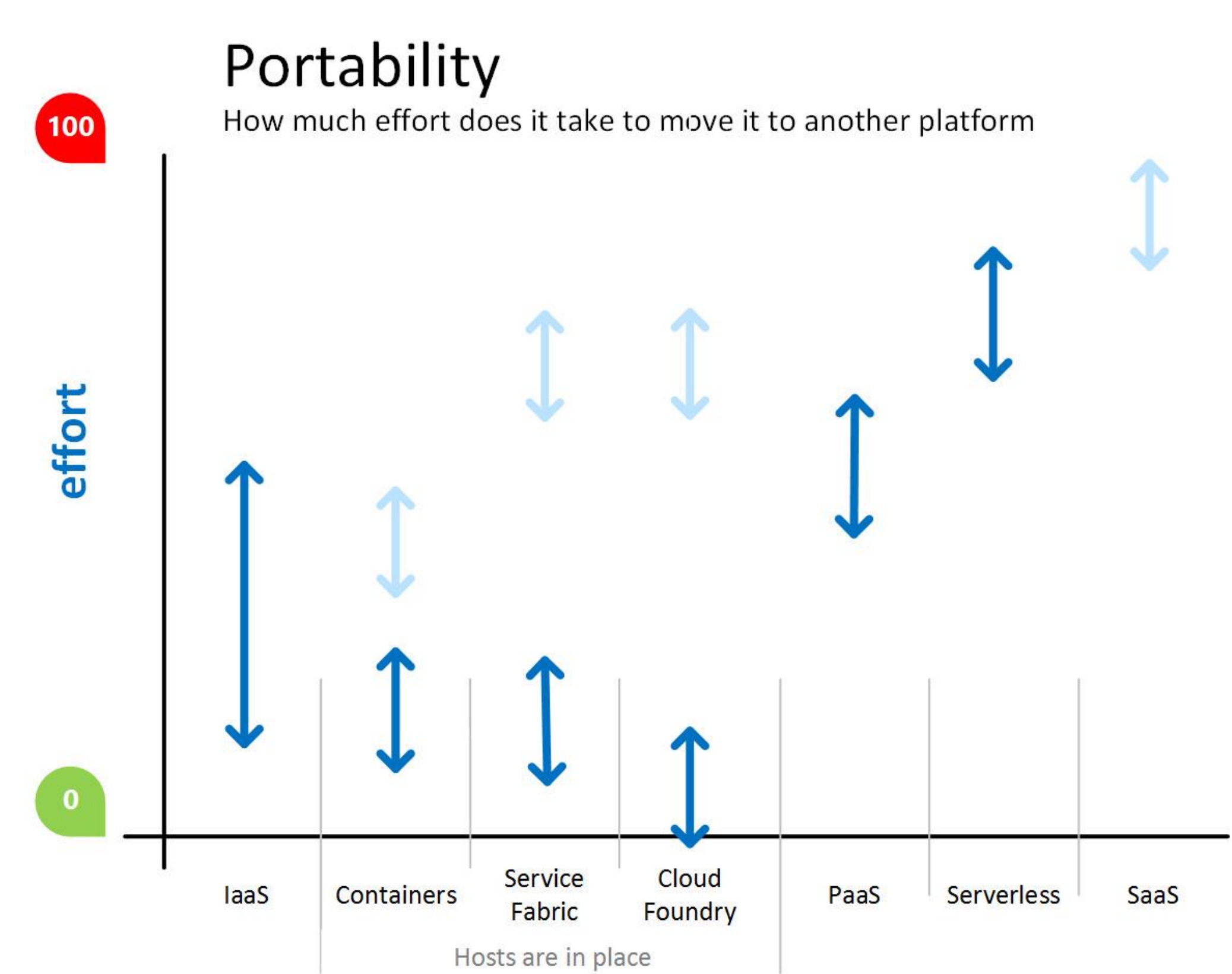
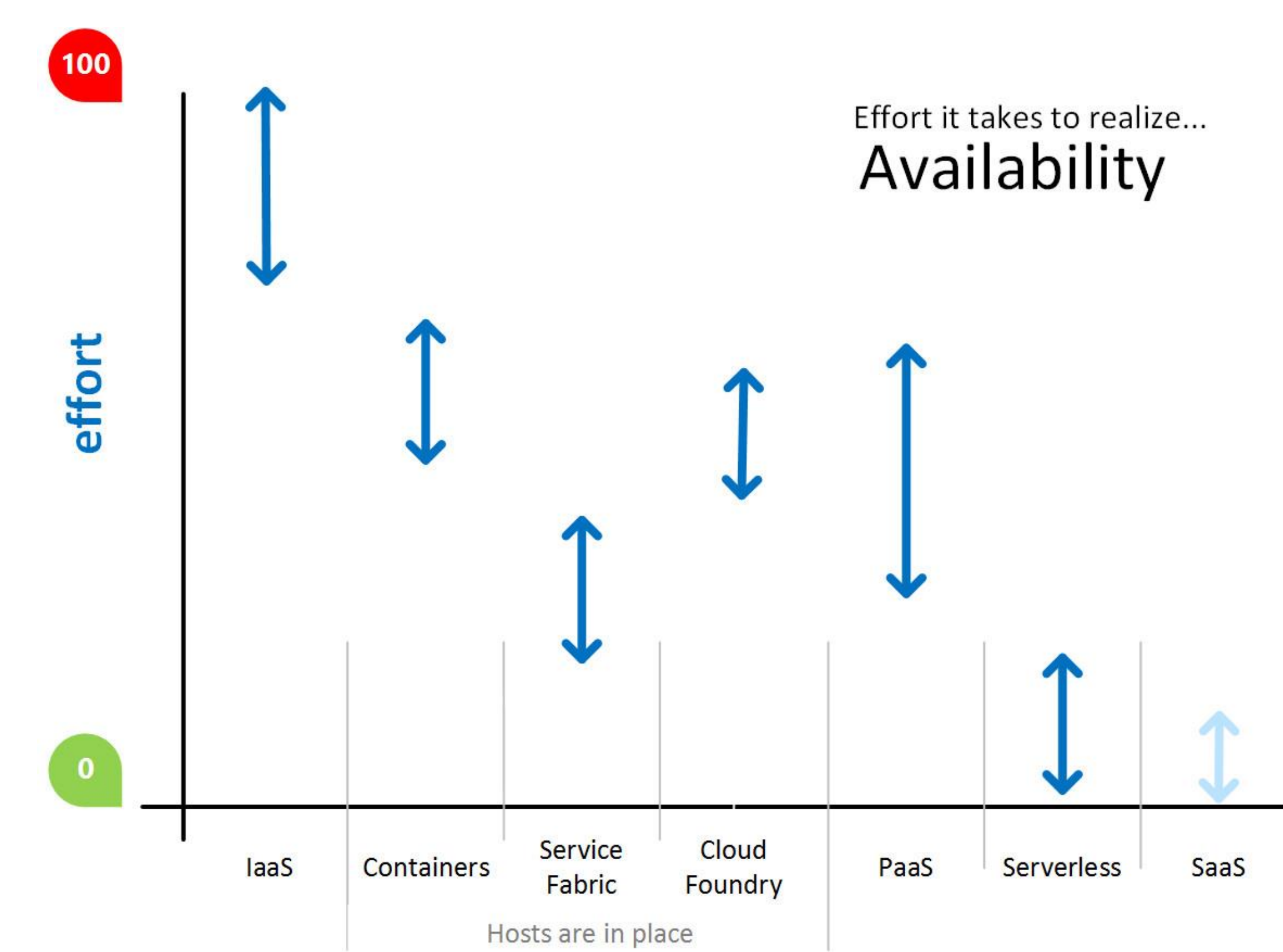
Availability
Scalability
Agility

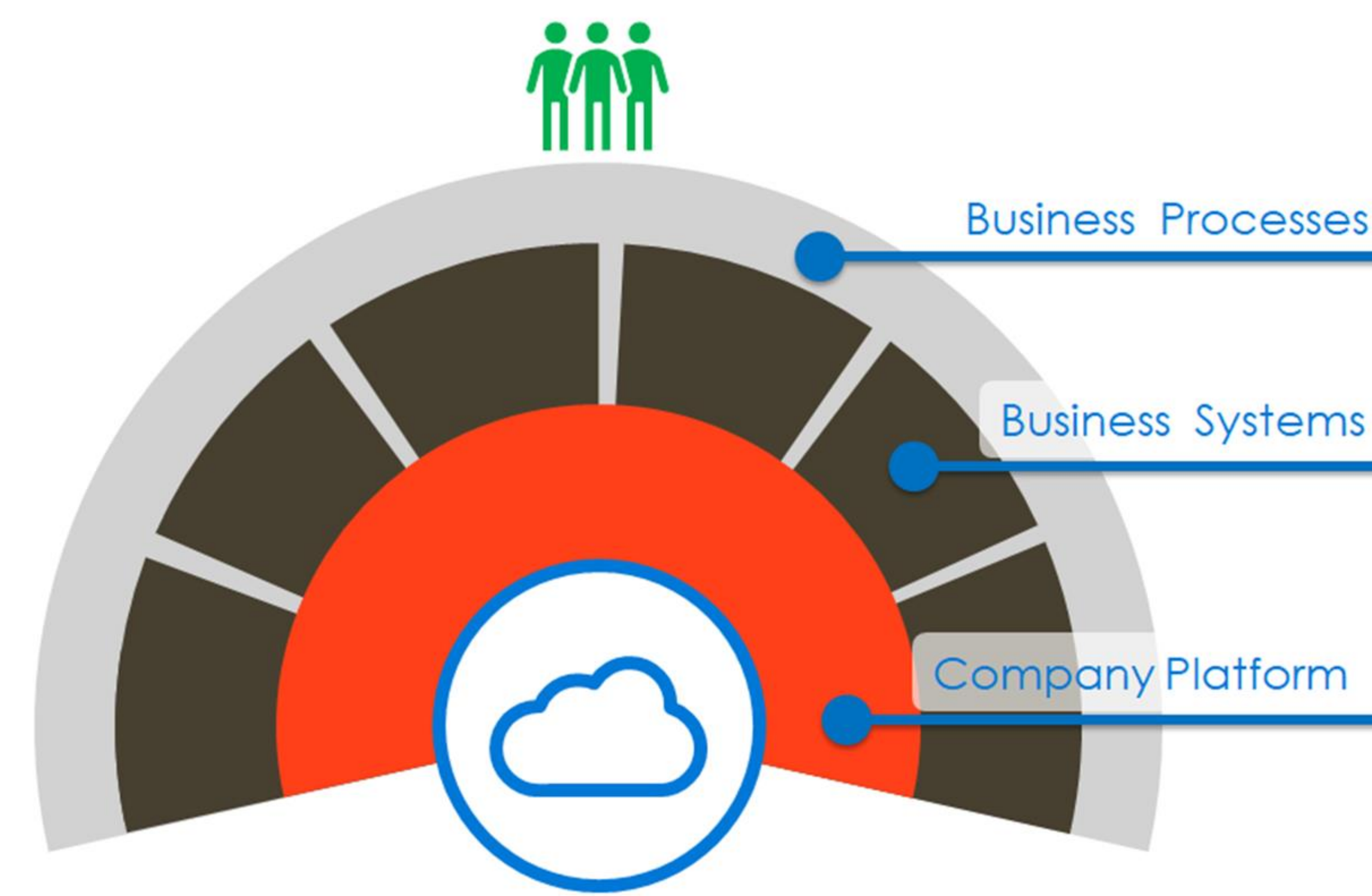
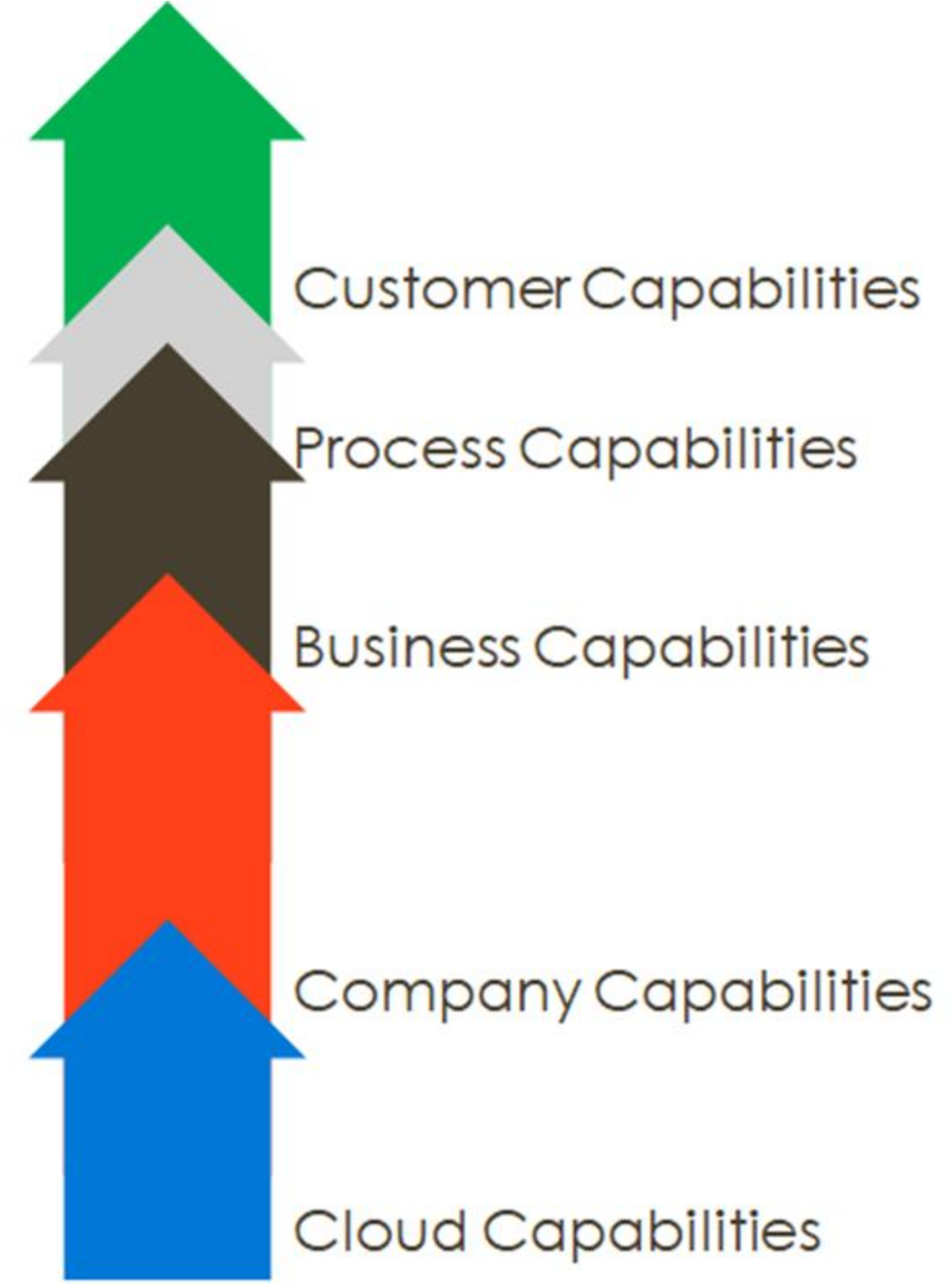
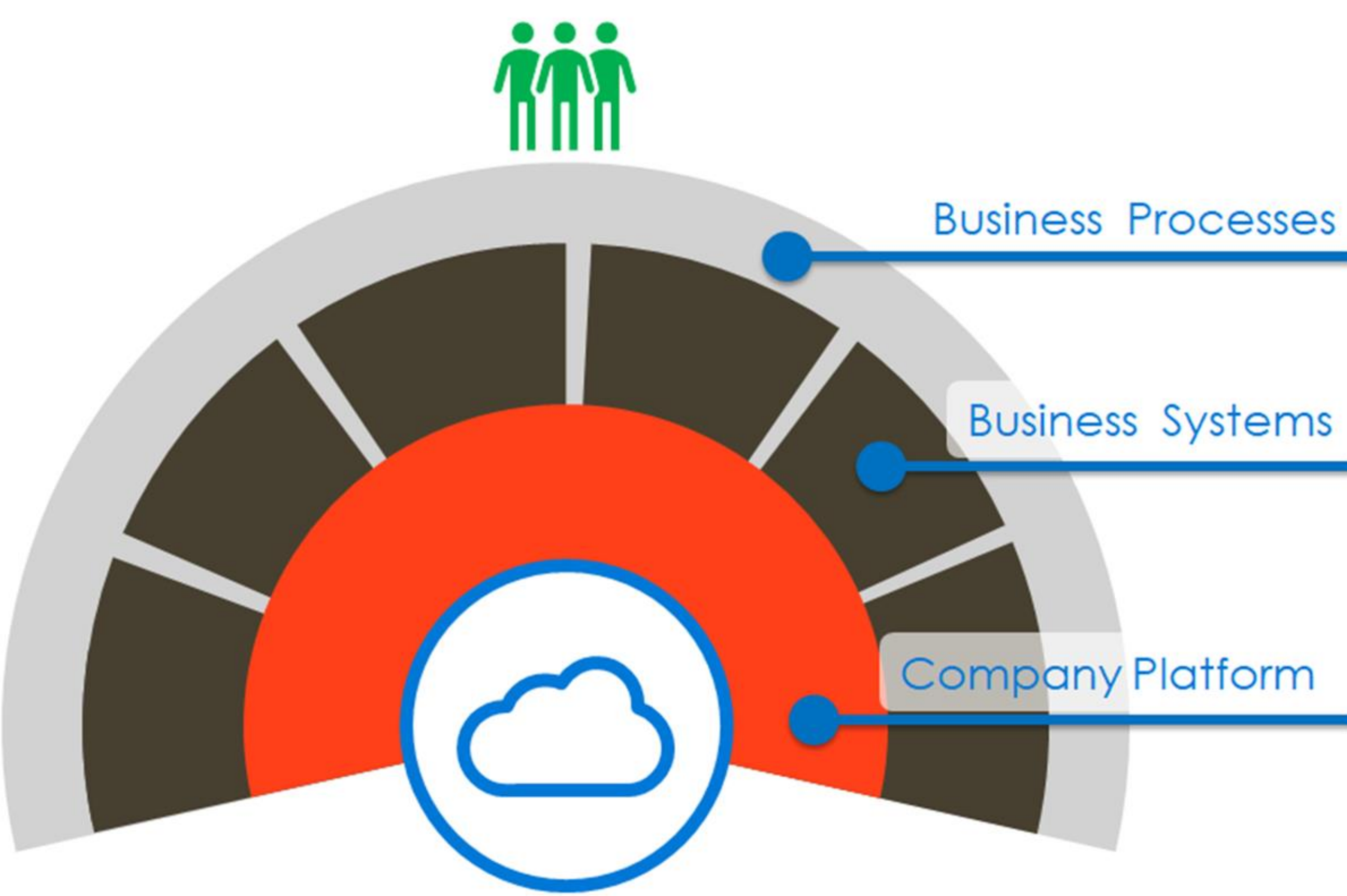
Interoperability
Maintainability
Manageability

Performance
Reliability
Security

Modifiability
Testability
Deployability

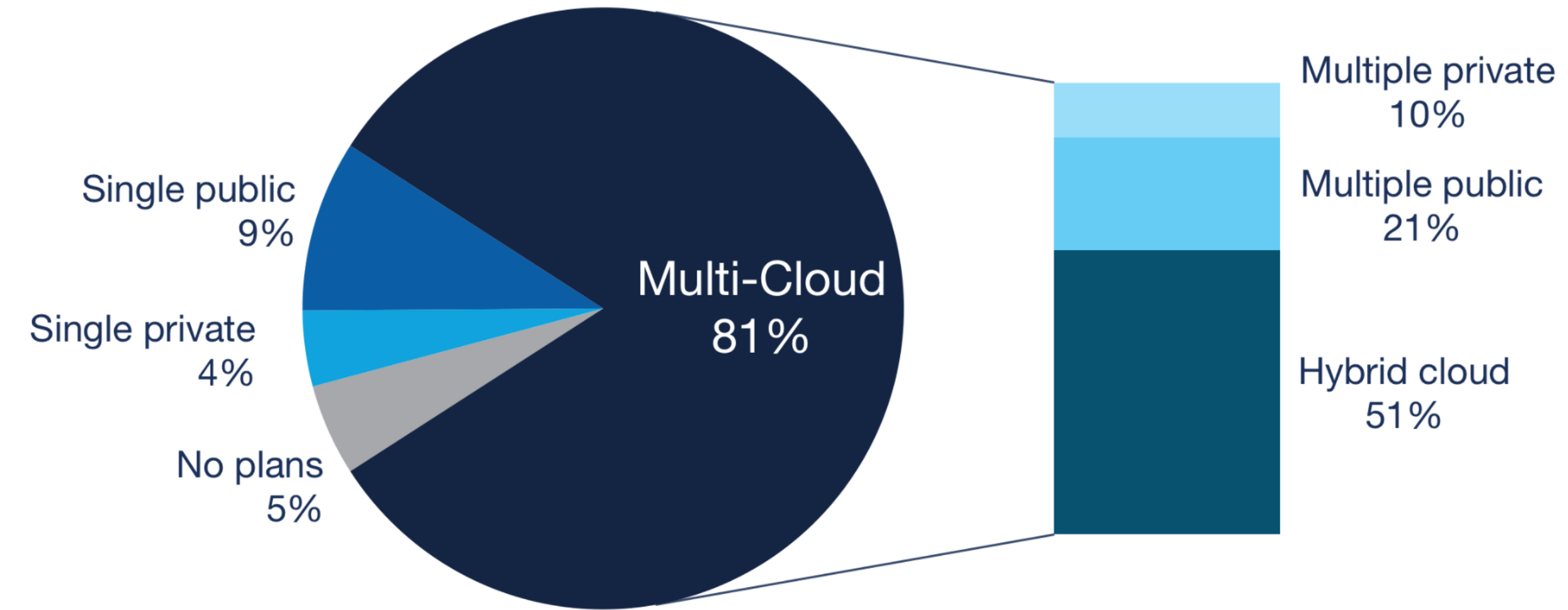
Recoverability
Portability
Billability (Pay per
efficiency)





Enterprise Cloud Strategy

1000+ employees

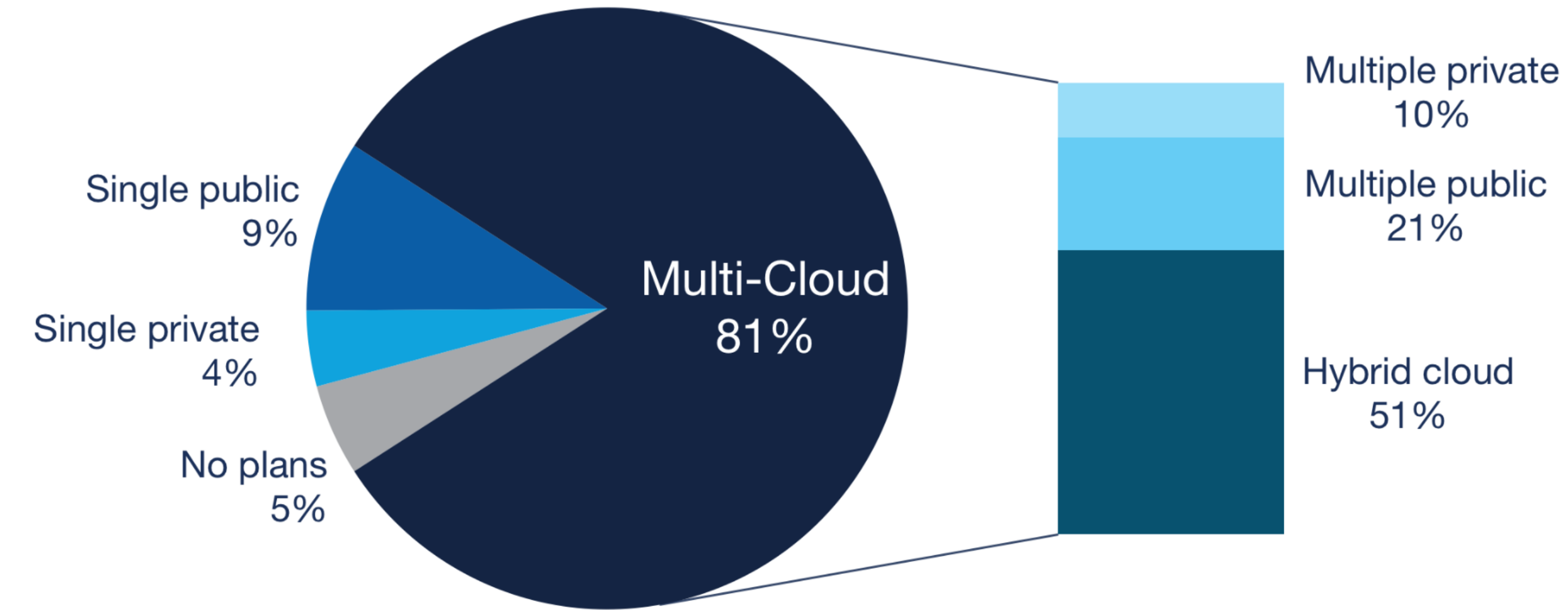


Source: RightScale 2018 State of the Cloud Report

Multi Hybrid Cloud

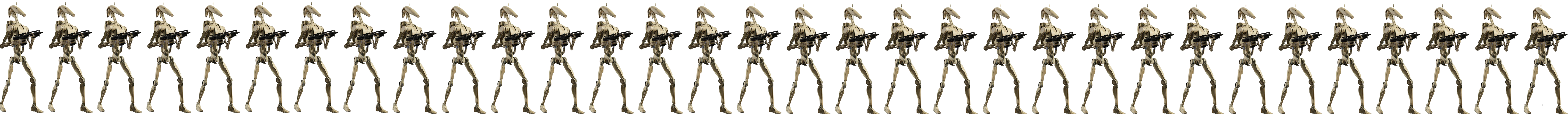
Enterprise Cloud Strategy

1000+ employees



Source: RightScale 2018 State of the Cloud Report

Multi: More than 1



Hybrid: Different and Integrated

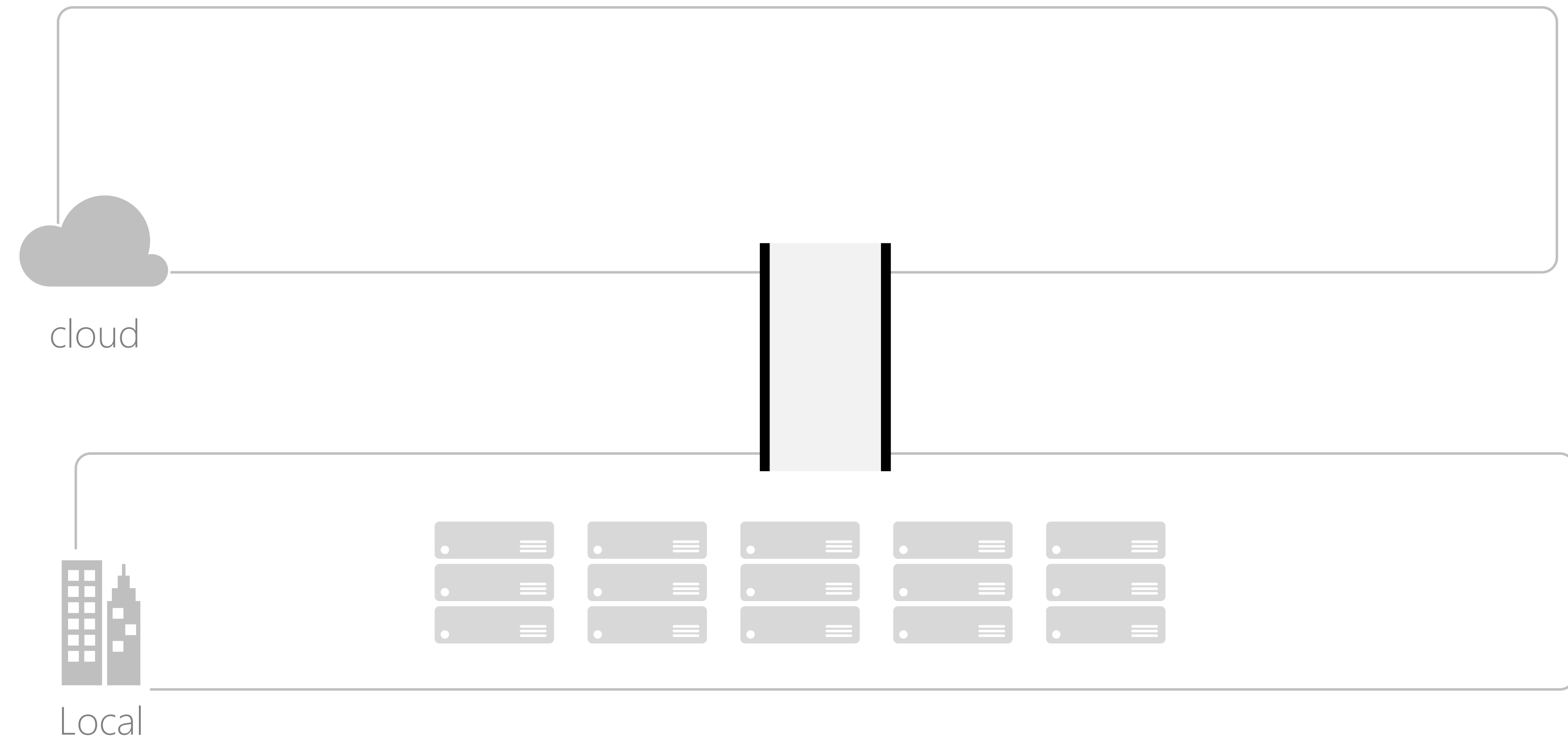


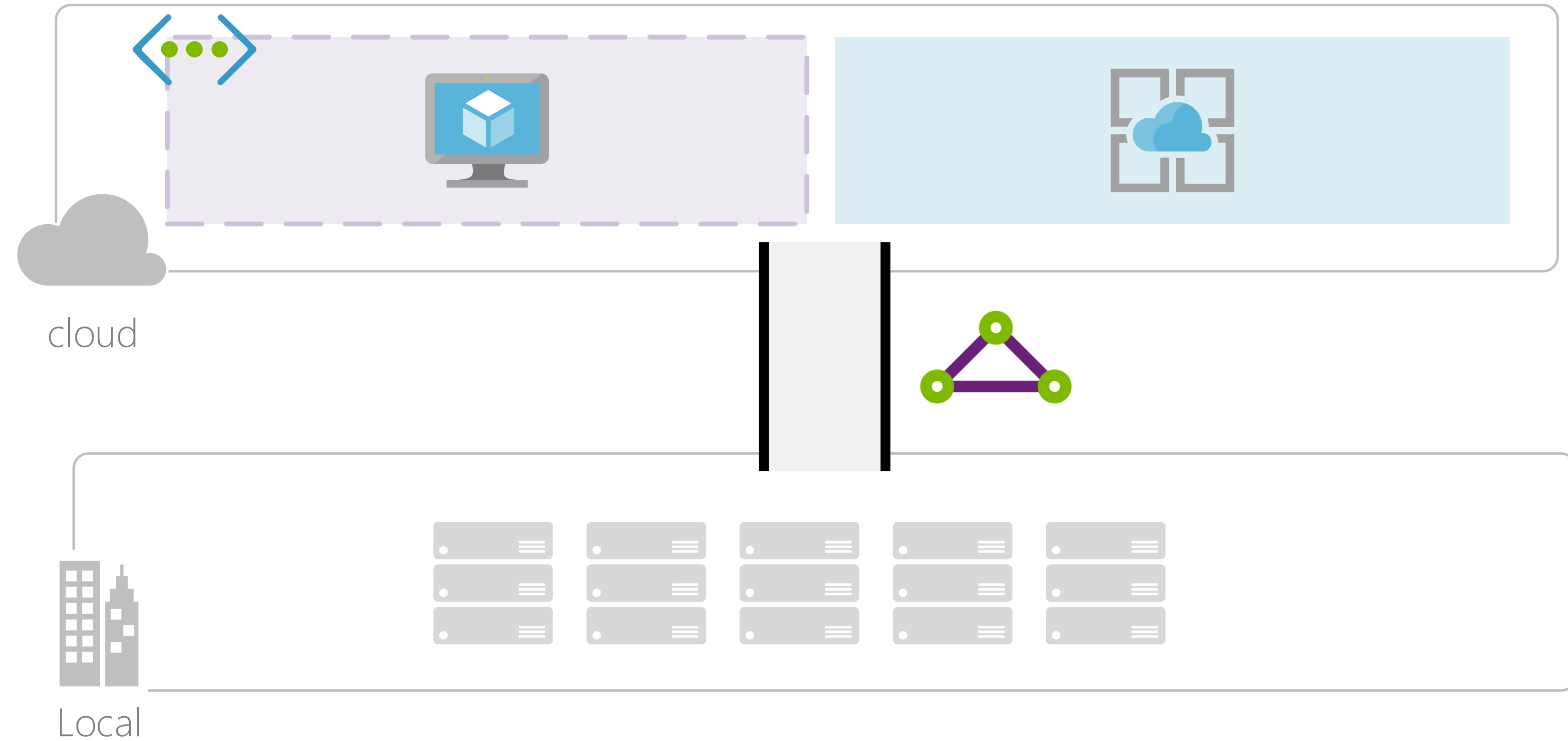
Reasons for multi and/or hybrid Cloud platform

Lock-in
Capability
Risk
Costs

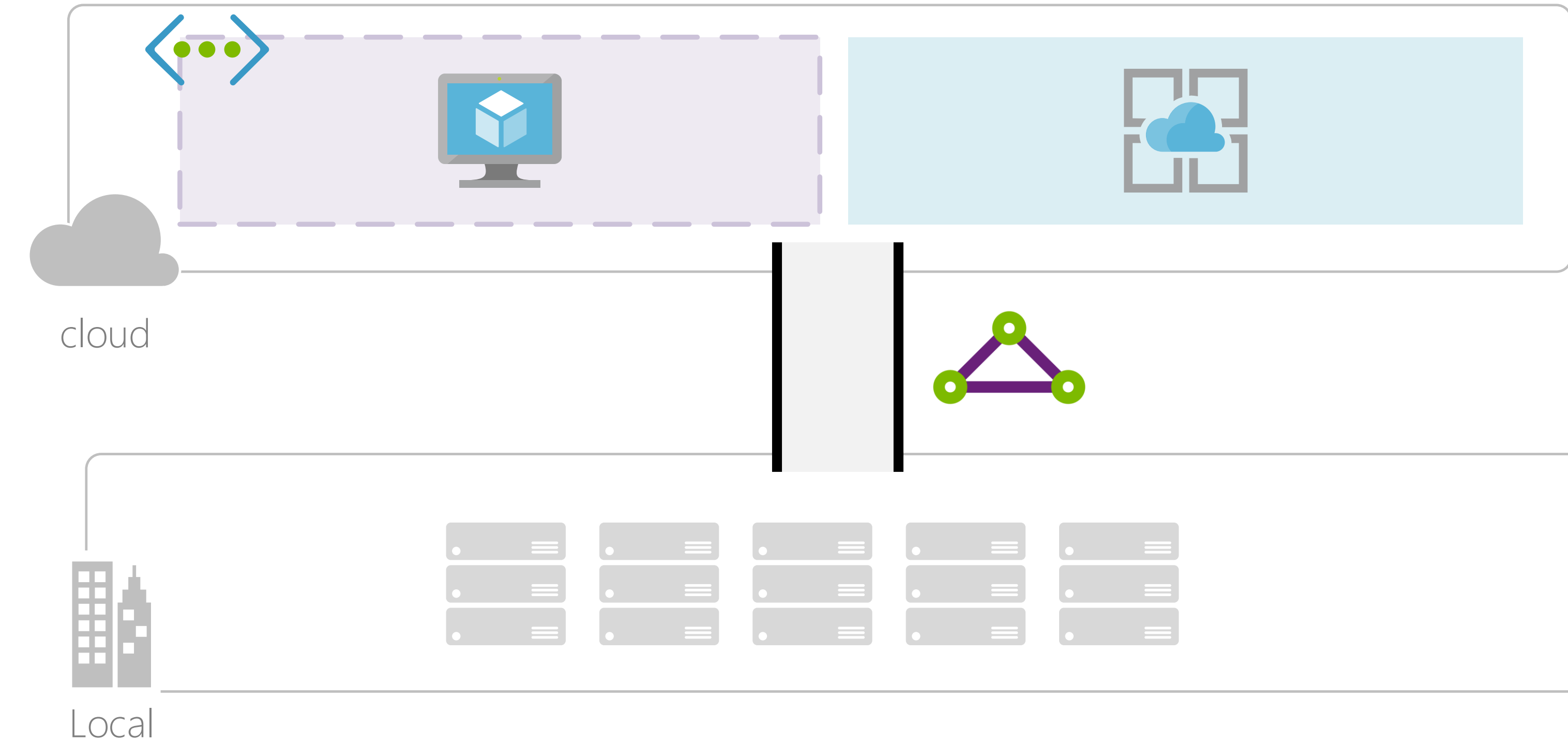
Multi Hybrid Cloud usages

Extend



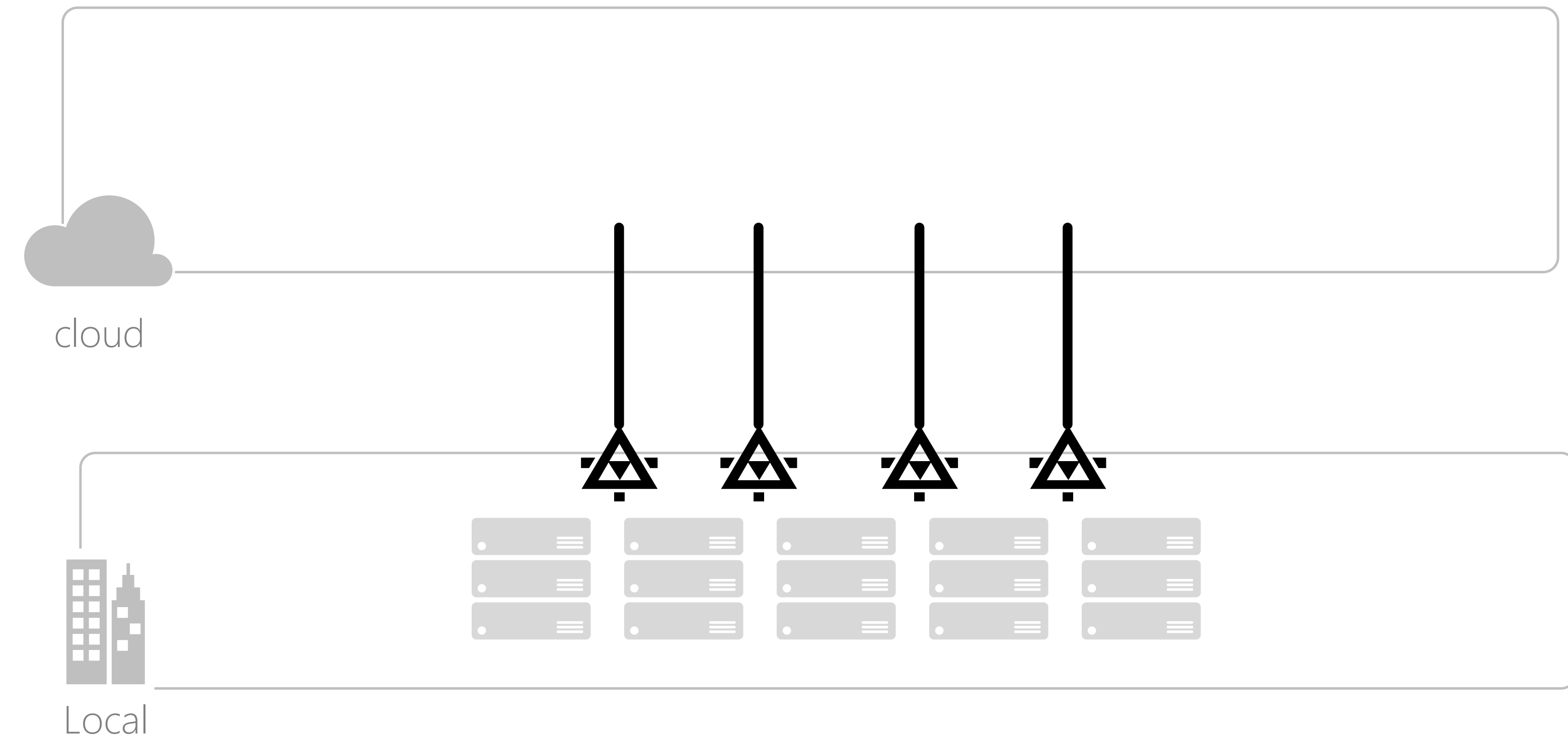
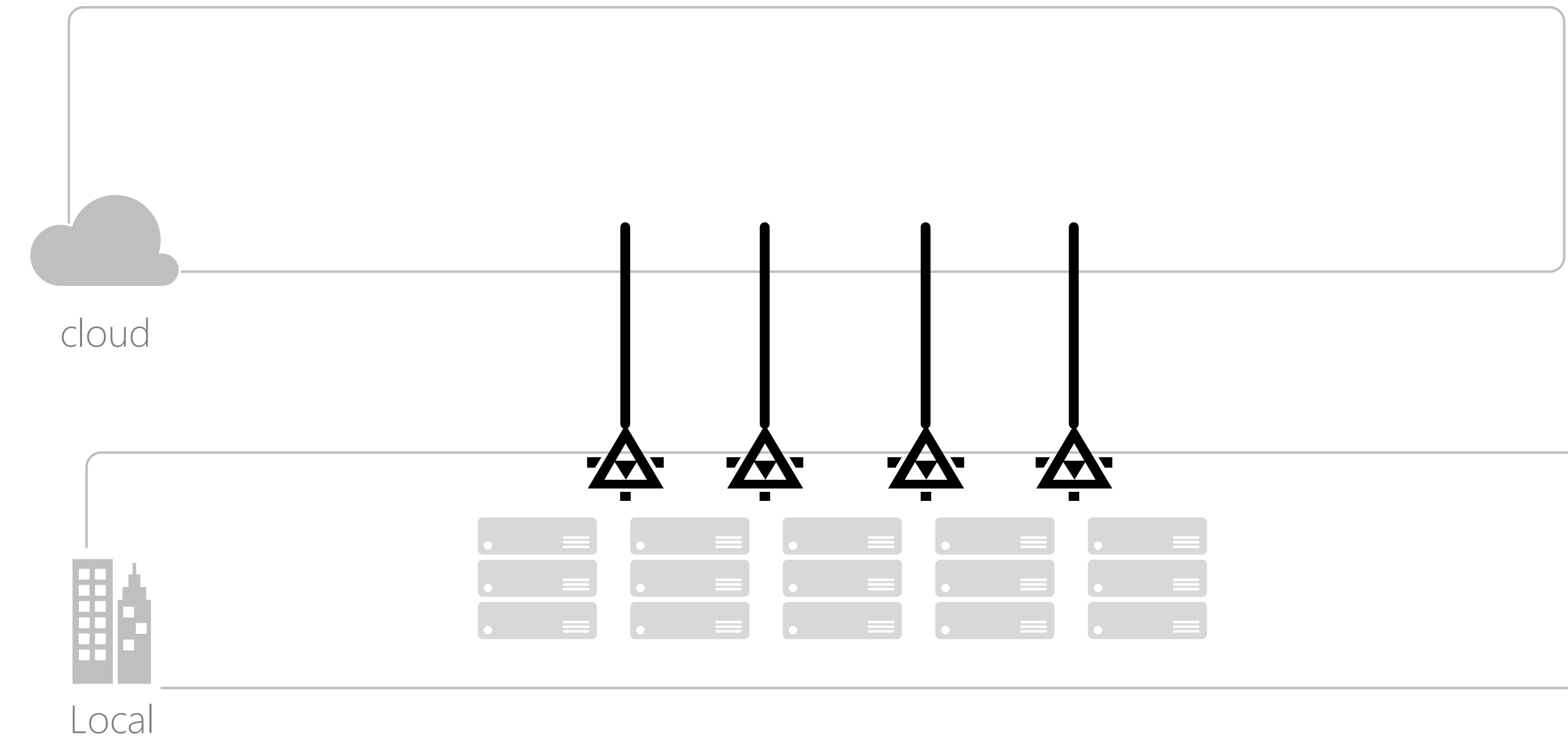


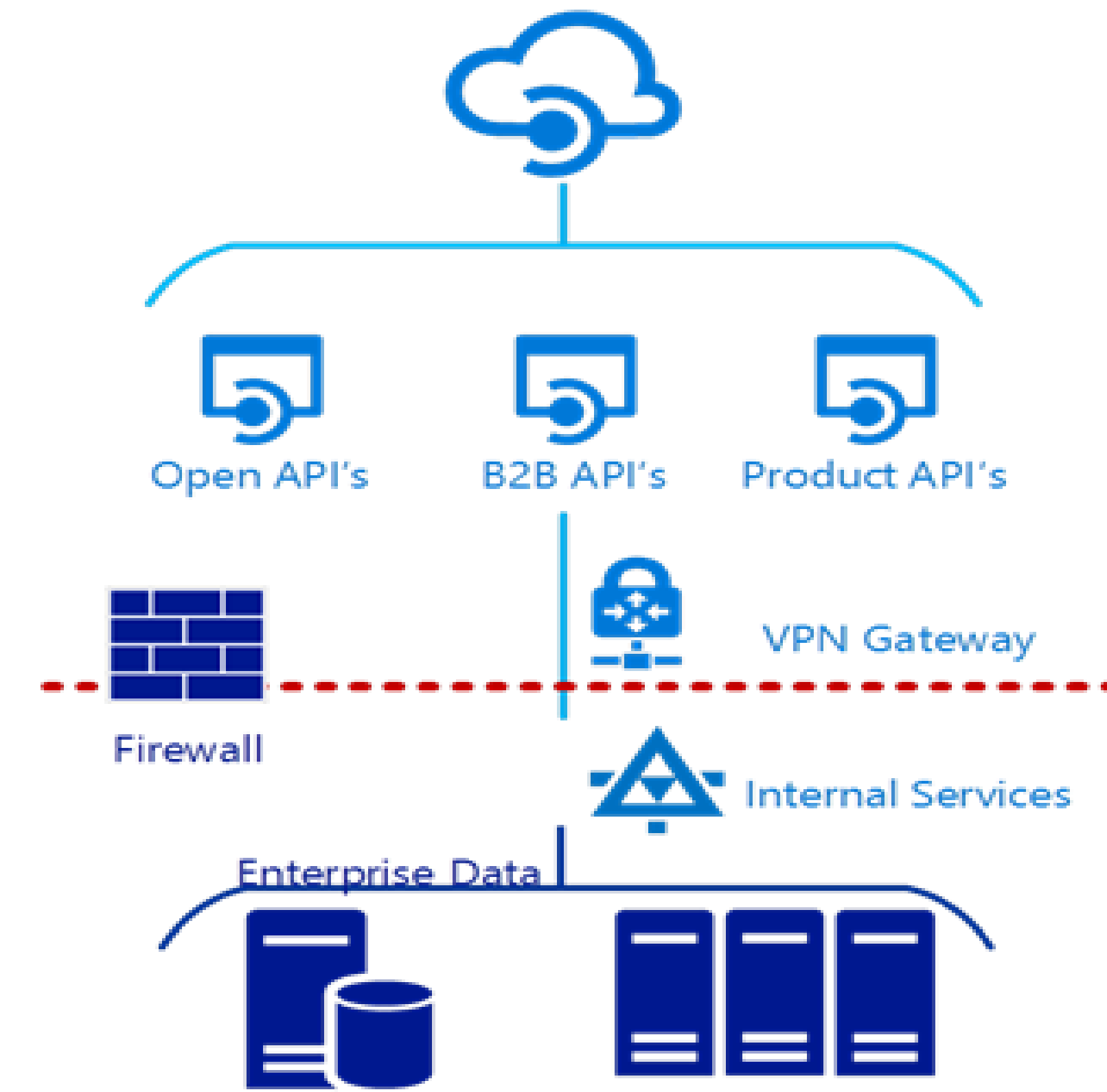
Extending the local resources, the local network to the public cloud, the resources in the cloud are becoming part of the local network and are maintained as the same



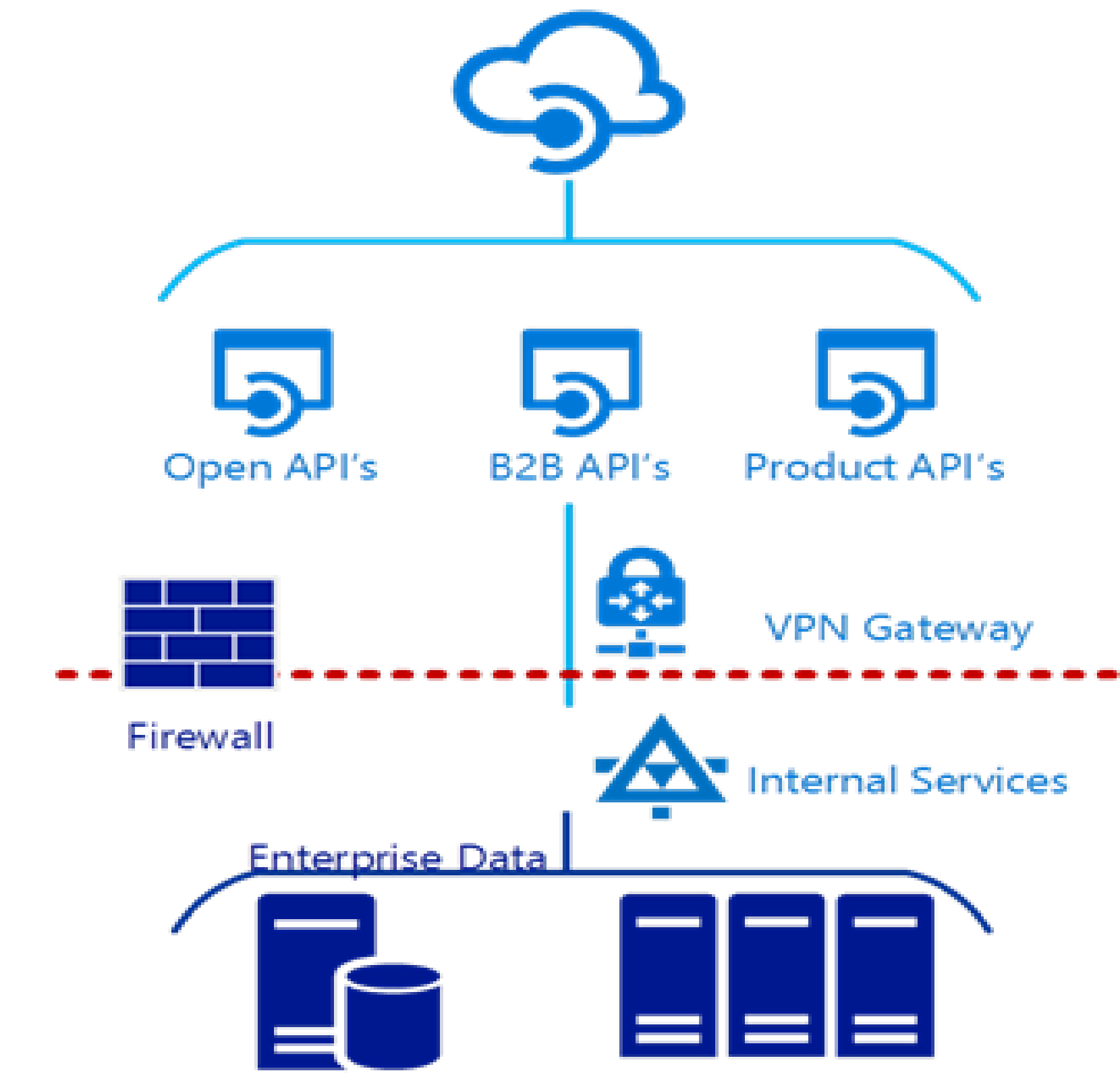
Multi Hybrid Cloud usages

New



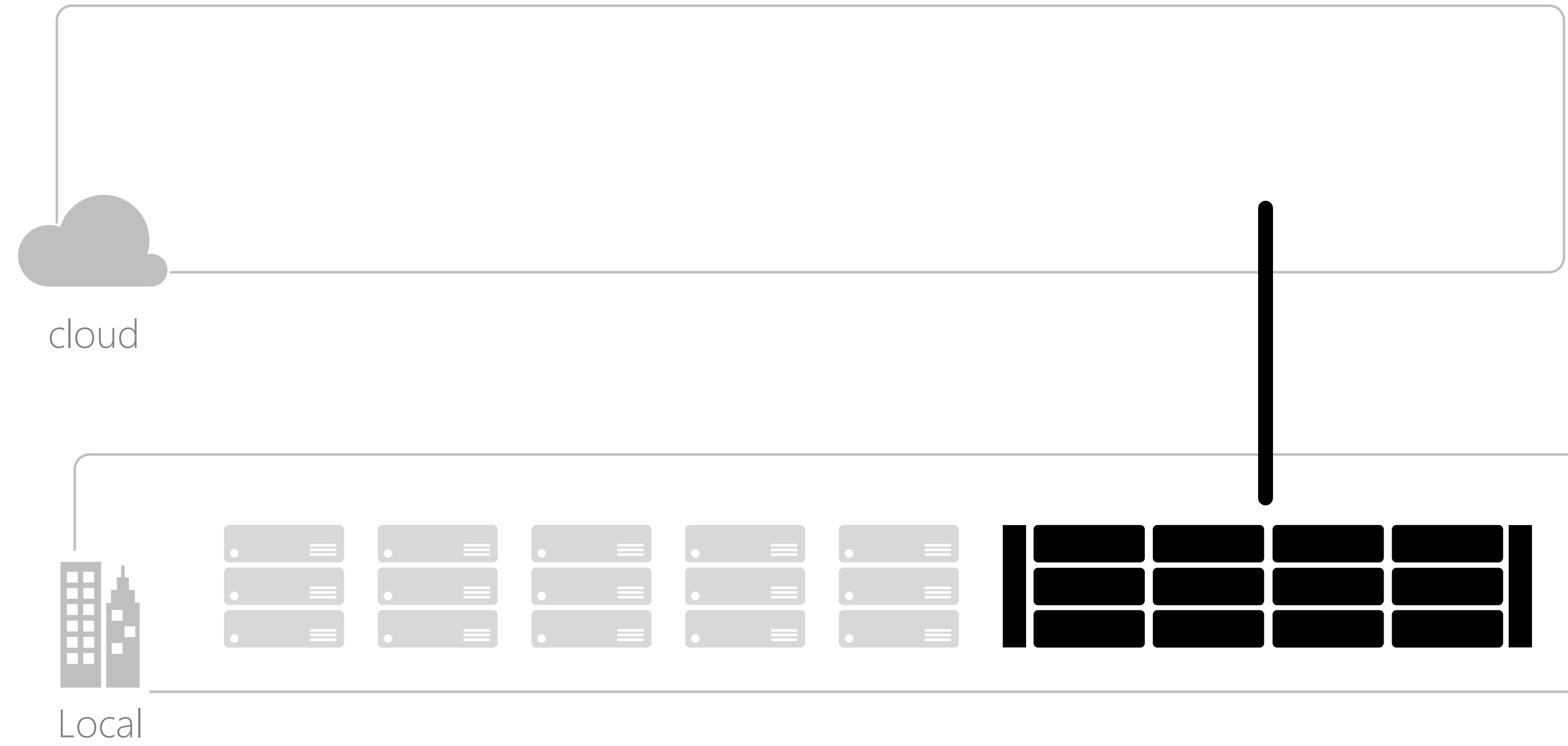


‘Old’ functionality and capabilities are staying untouched on the local platform, new business capabilities are implemented in the cloud.

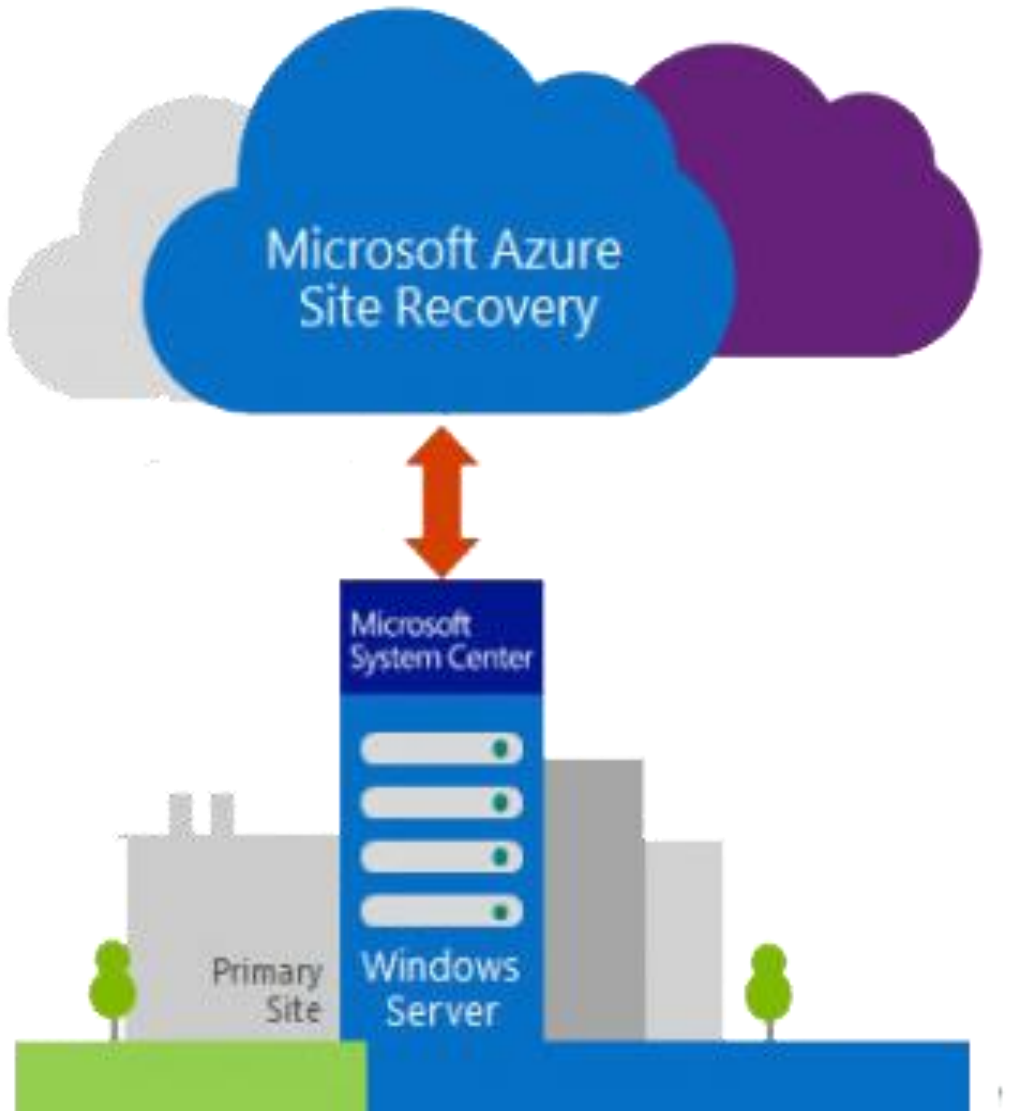


Multi Hybrid Cloud usages

Add

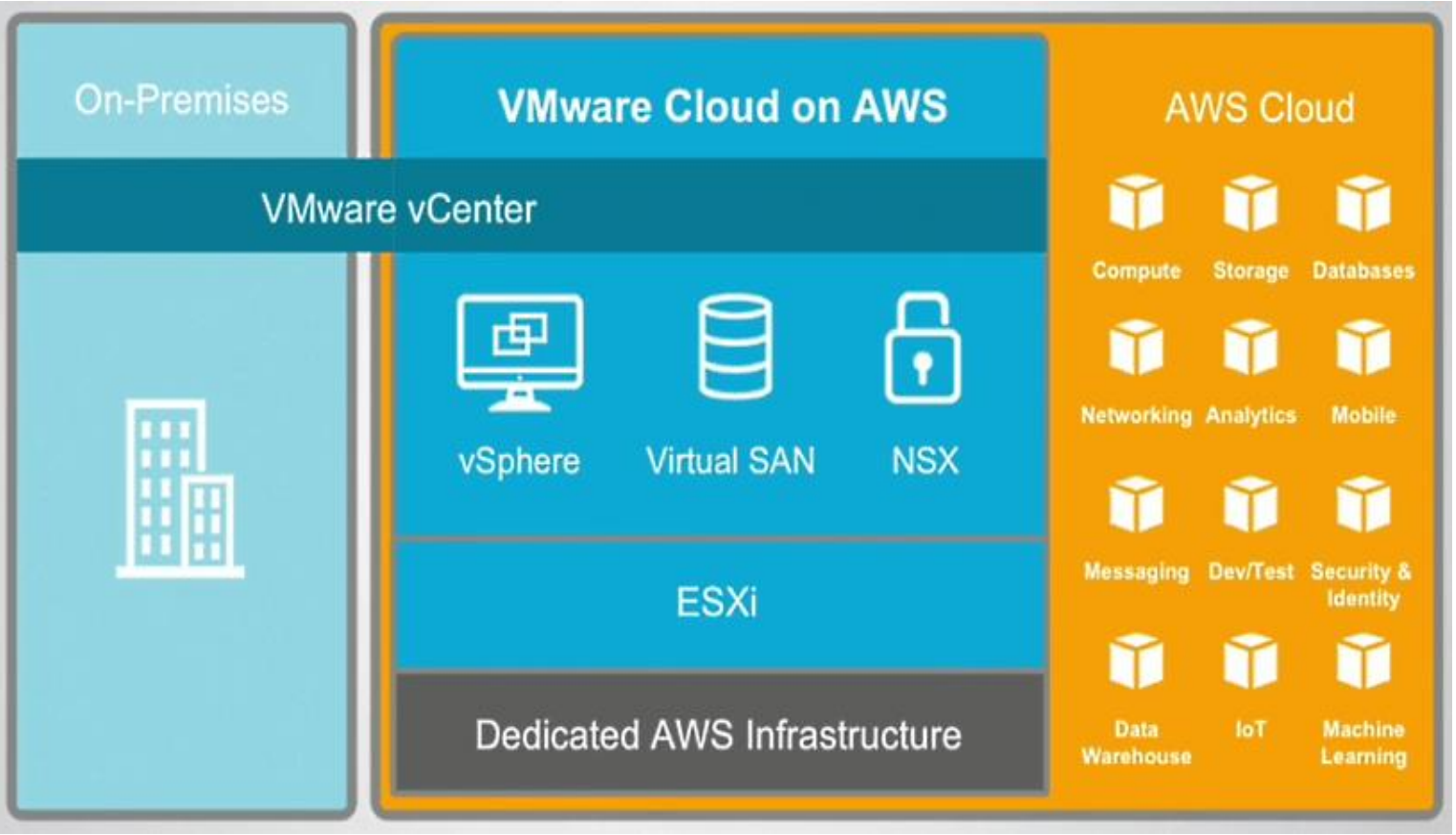
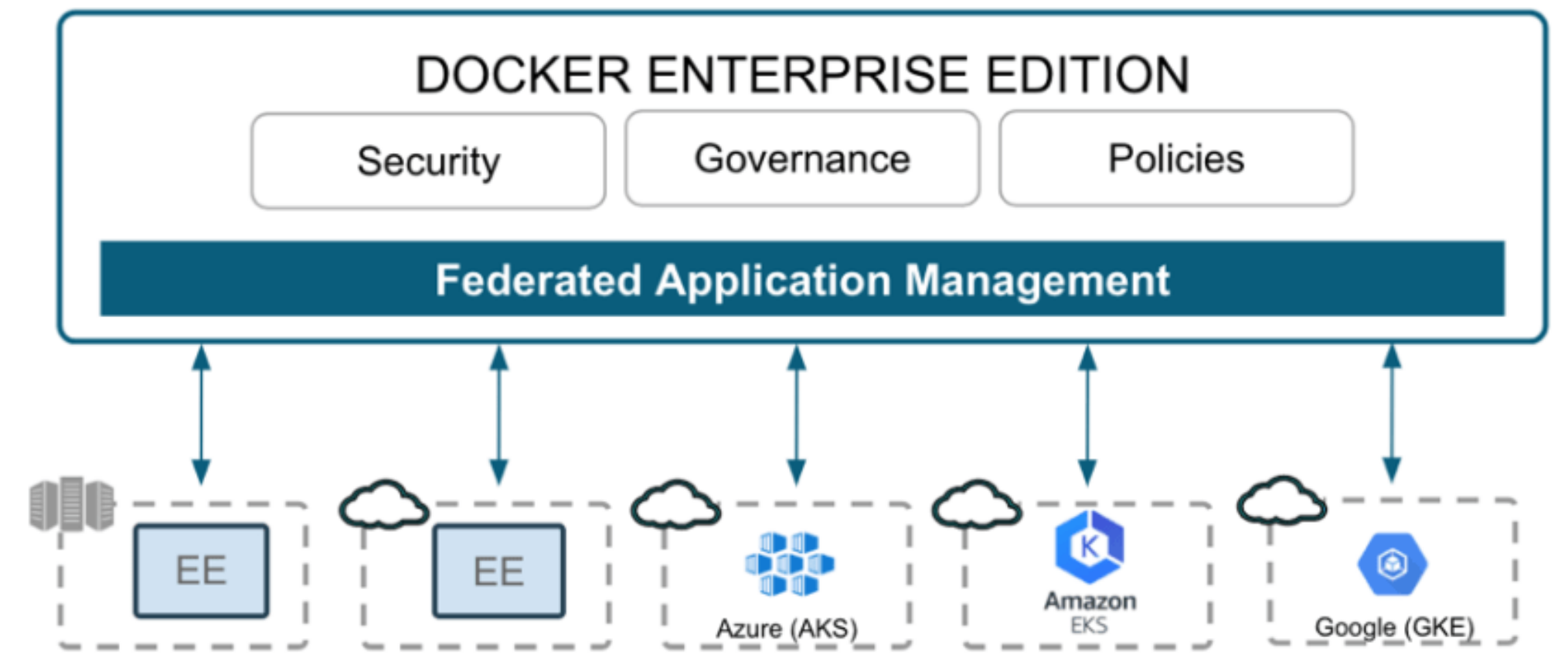


Data is synchronized over multiple platforms; synchronization is taken care by the tools.



Data is synchronized over multiple platforms; synchronization is taken care by the tools.

Compute resources can exist on all platforms and move from one platform to another.



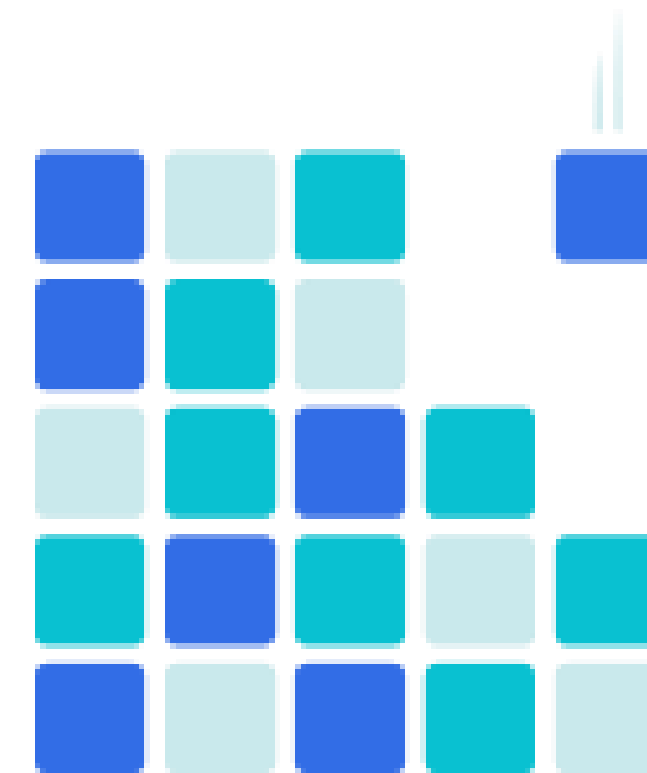
Compute resources can exist on all platforms and move from one platform to another.



kubernetes



Planet Scale



Never Outgrow



Run Anywhere



kubernetes

Multi Hybrid Cloud

Vendors

Azure

AWS

IBM Public

IBM Public

AWS

Azure

Azure Stack

Outposts

IBM Cloud Private
OpenShift

IBM Cloud Private
OpenShift

Outposts

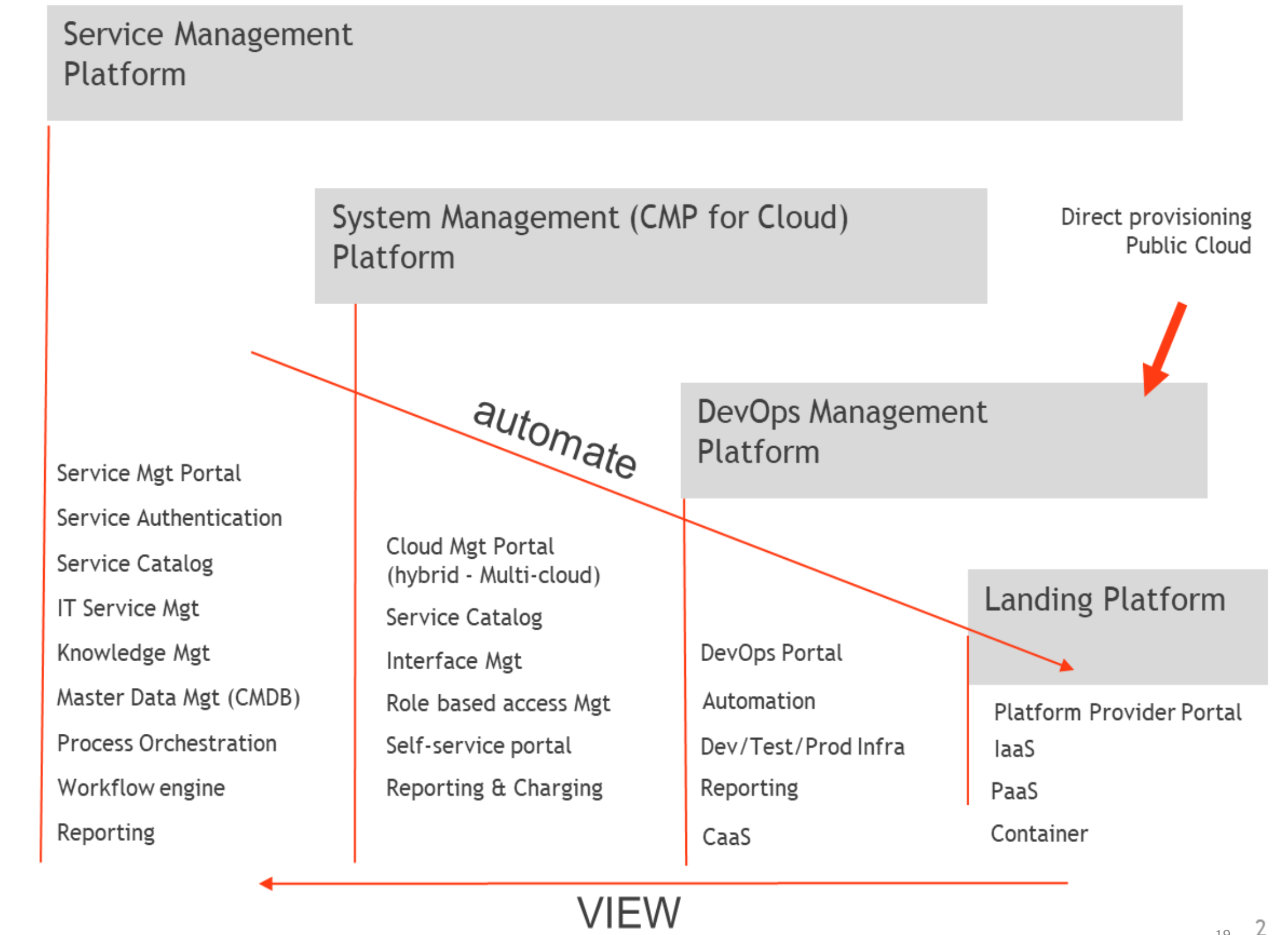
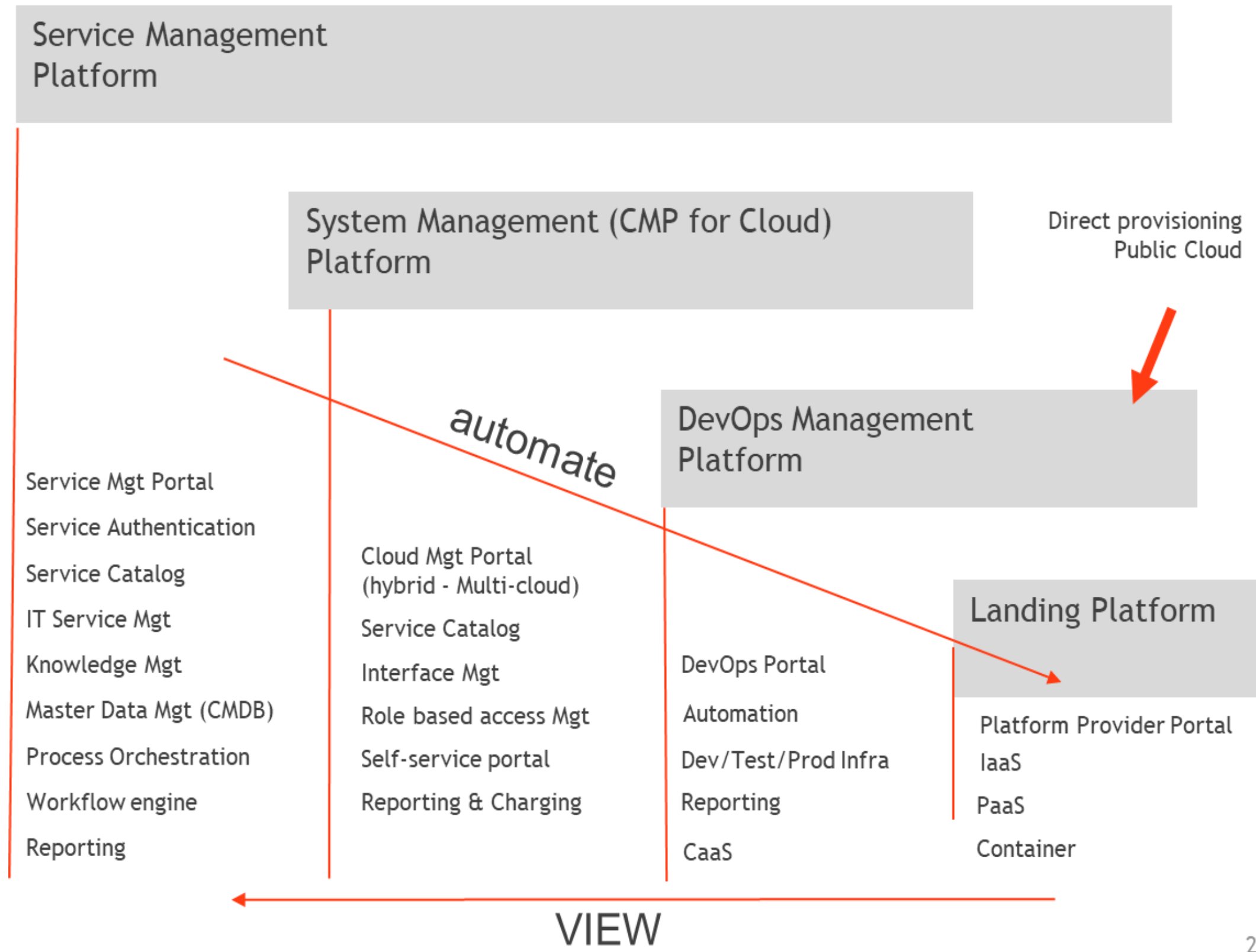
Azure Stack

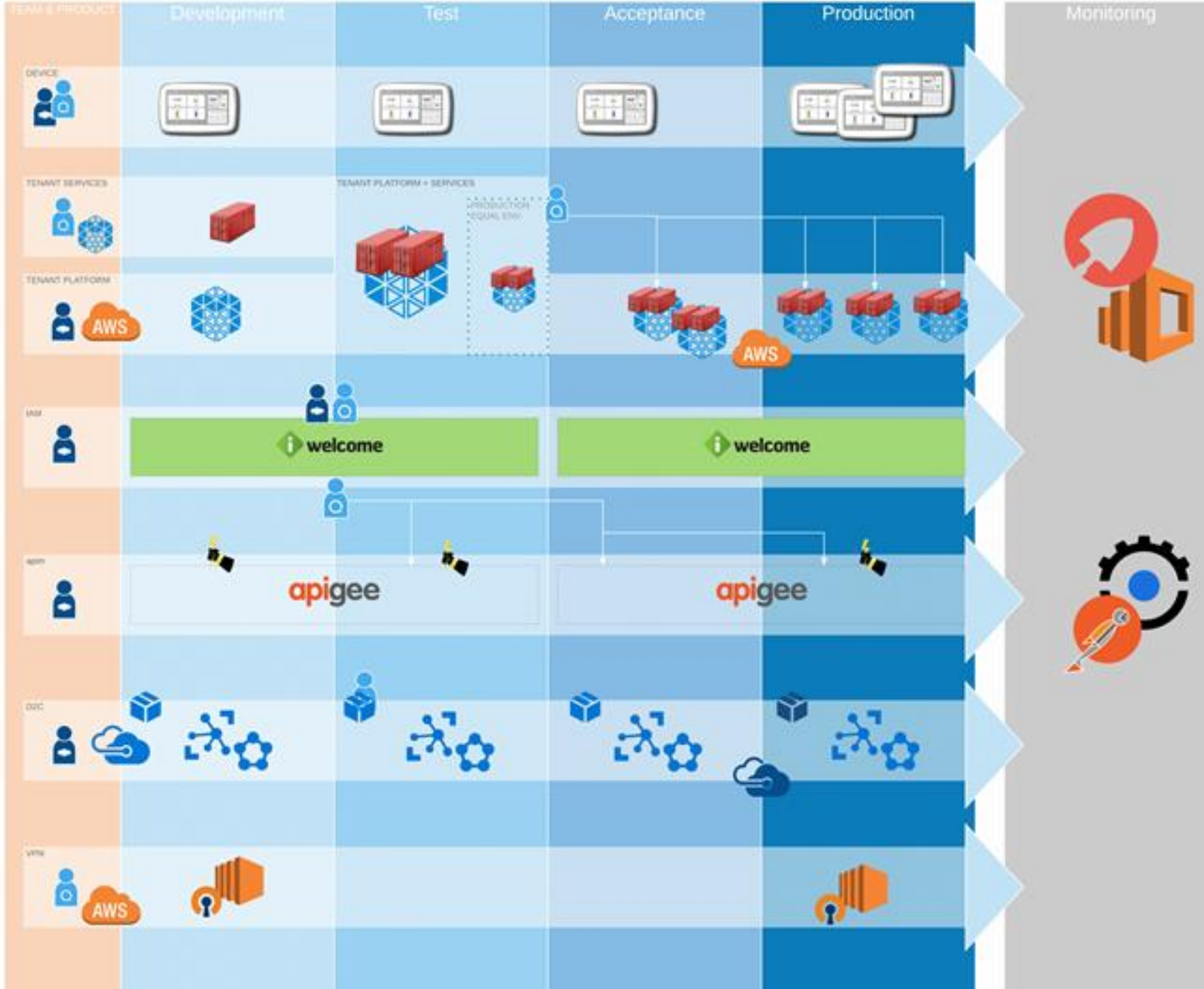
Multiple platforms will impact IT processes and tools.

Centralization and standardization of monitoring, management and processes is needed.

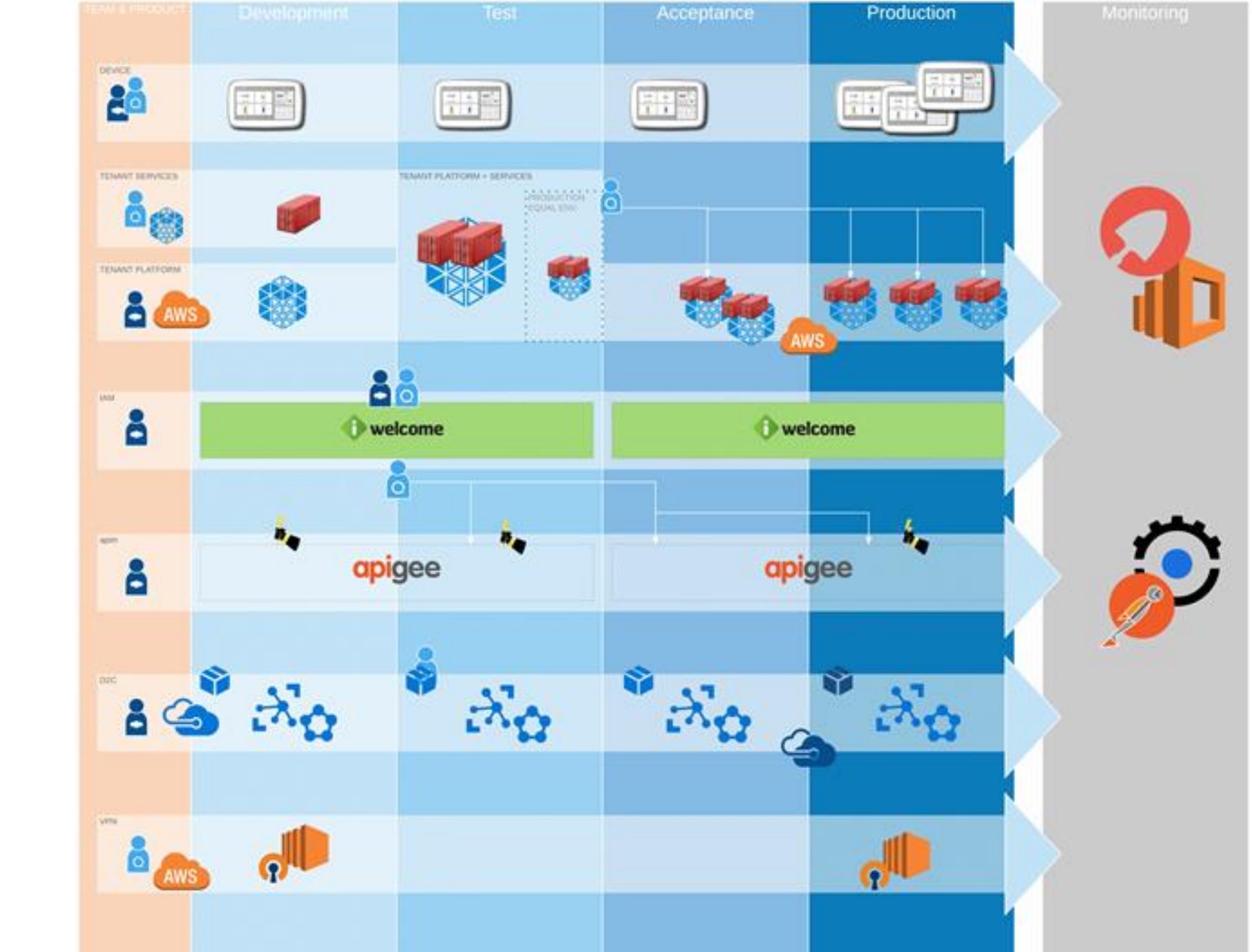
a Cloud Management Platform (CMP) can be complex

A cloud-agnostic standalone software solution that automates cloud application and infrastructure service delivery, operations, and governance across multiple cloud platforms.



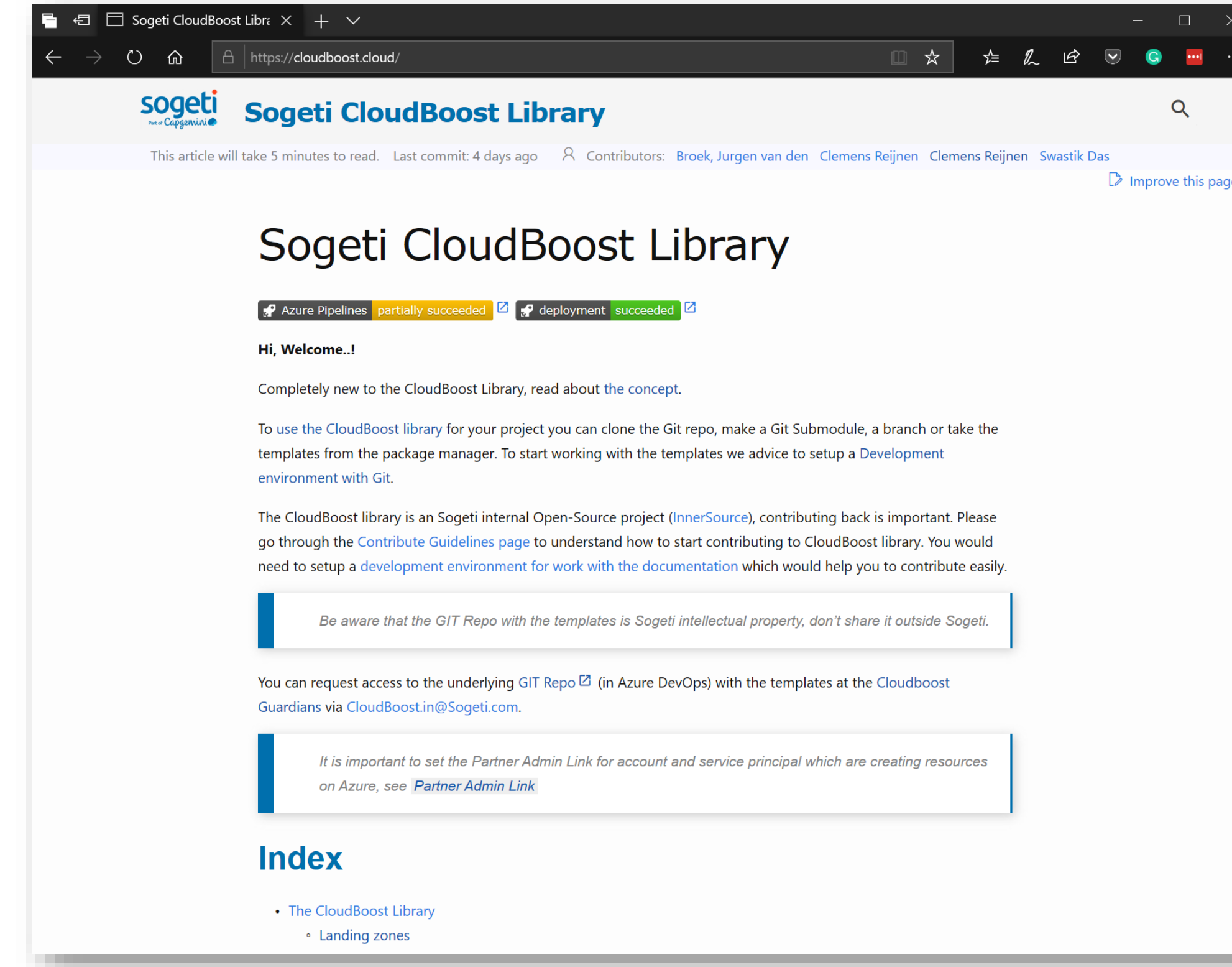


Multi Hybrid Platform





Standardization on Guidelines, Practices and Patterns



sogeti

Part of Capgemini