

Welkom



**WAZUG.NL**

AZURE USER GROUP NL

# Enterprise Portfolio Modernization at *Scale*

Modernize your business to get ahead and stay ahead



Wazug  
Clemens Reijnen

# Cloud Benefits

Agility

Experiment

Cost

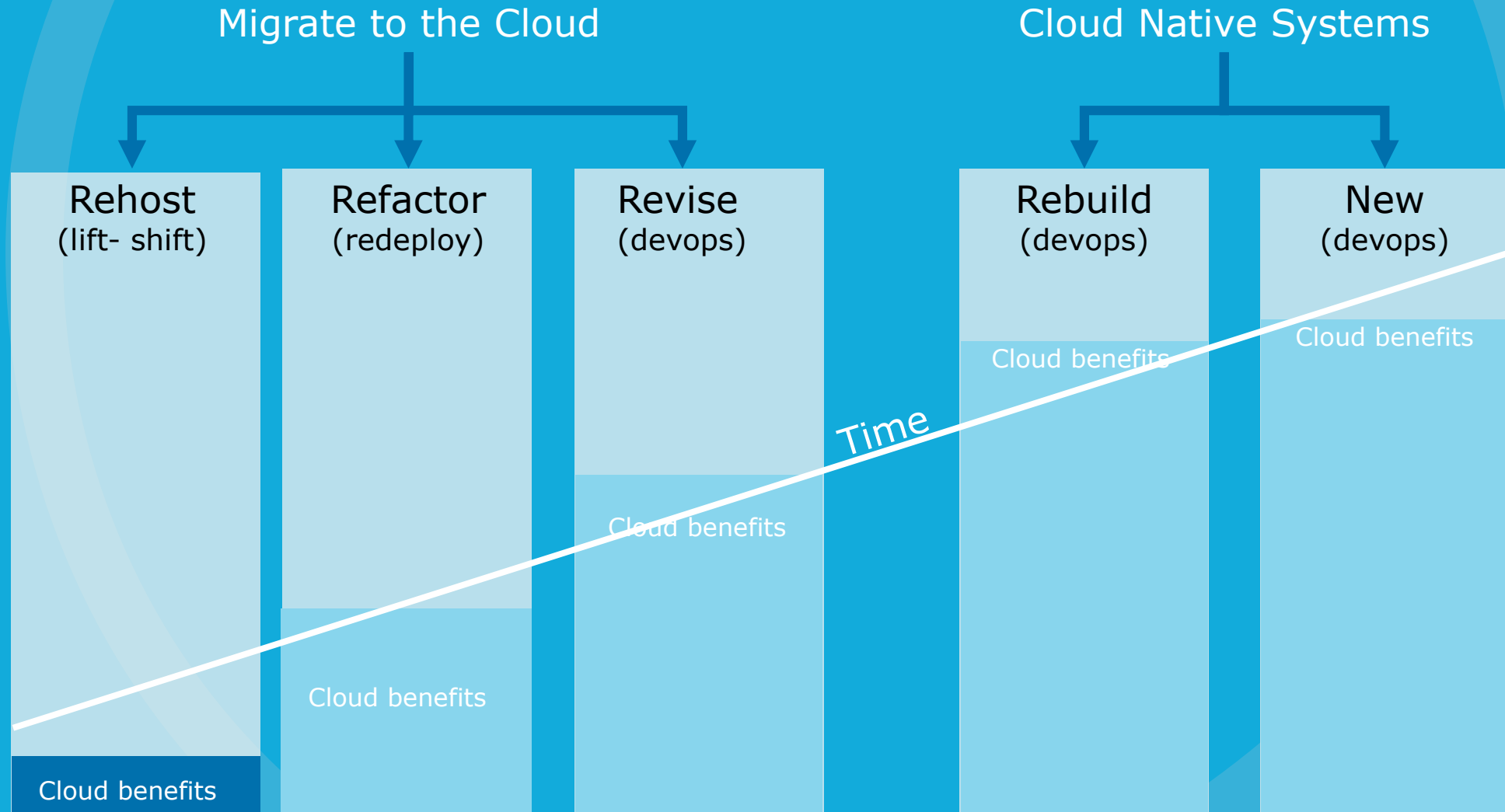
Elasticity

Recovery

Security



# Cloud adoption



# Enterprises must think on...

**Self organizing  
teams**

**Target  
Operating  
Model**

**Regulations**

**Cloud  
benefits**

**Maintainability**

**Consistency  
at scale**

**Skills**

**Governance**

**Compliance**

**Security**

**Application  
portfolio**



# Focus



DevOps

Automation

Platform

# DevOps GOALS

reduced cycle time.  
early feedback.  
increased predictability.  
lower software delivery risks.

# DevOps Principles

High quality by default.  
All versioned.  
No manual activities.  
Continuous improvement.  
Everyone is/ feels responsible.  
Transparency everywhere.



# DevOps Practices



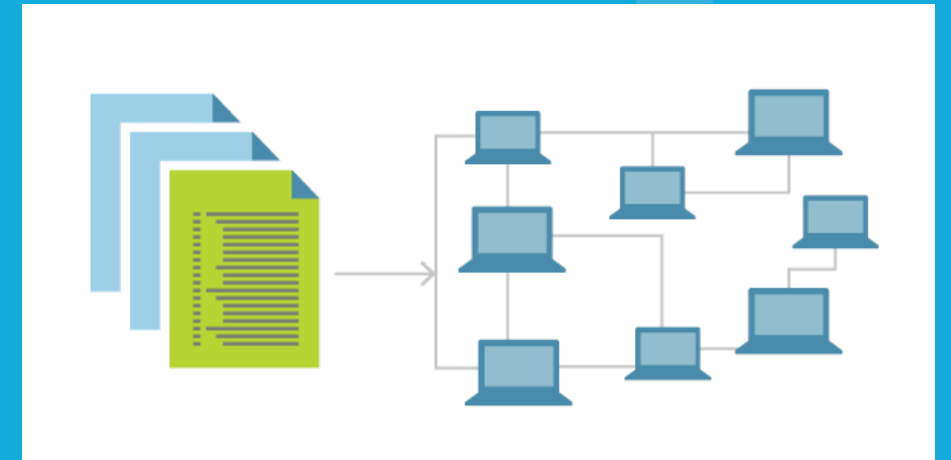
# As Code paradigm

The 'as code' paradigm is about being able to reproduce and/or restore a full environment within minutes based on recipes and automation, managed as code.

<https://martinfowler.com/bliki/InfrastructureAsCode.html>

# IaC is a key DevOps practice

Infrastructure as Code is the management of infrastructure (networks, virtual machines, load balancers, and connection topology) in a descriptive model, using the same versioning as DevOps team uses for source code. Like the principle that the same source code generates the same binary, an IaC model generates the same environment every time it is applied. IaC is a key DevOps practice and is used in conjunction with continuous delivery.



<https://docs.microsoft.com/nl-nl/azure/devops/learn/what-is-infrastructure-as-code>

# Everything As Code

Infrastructure as Code

Configuration as Code

Pipelines as Code

Documentation as Code

Tests as Code

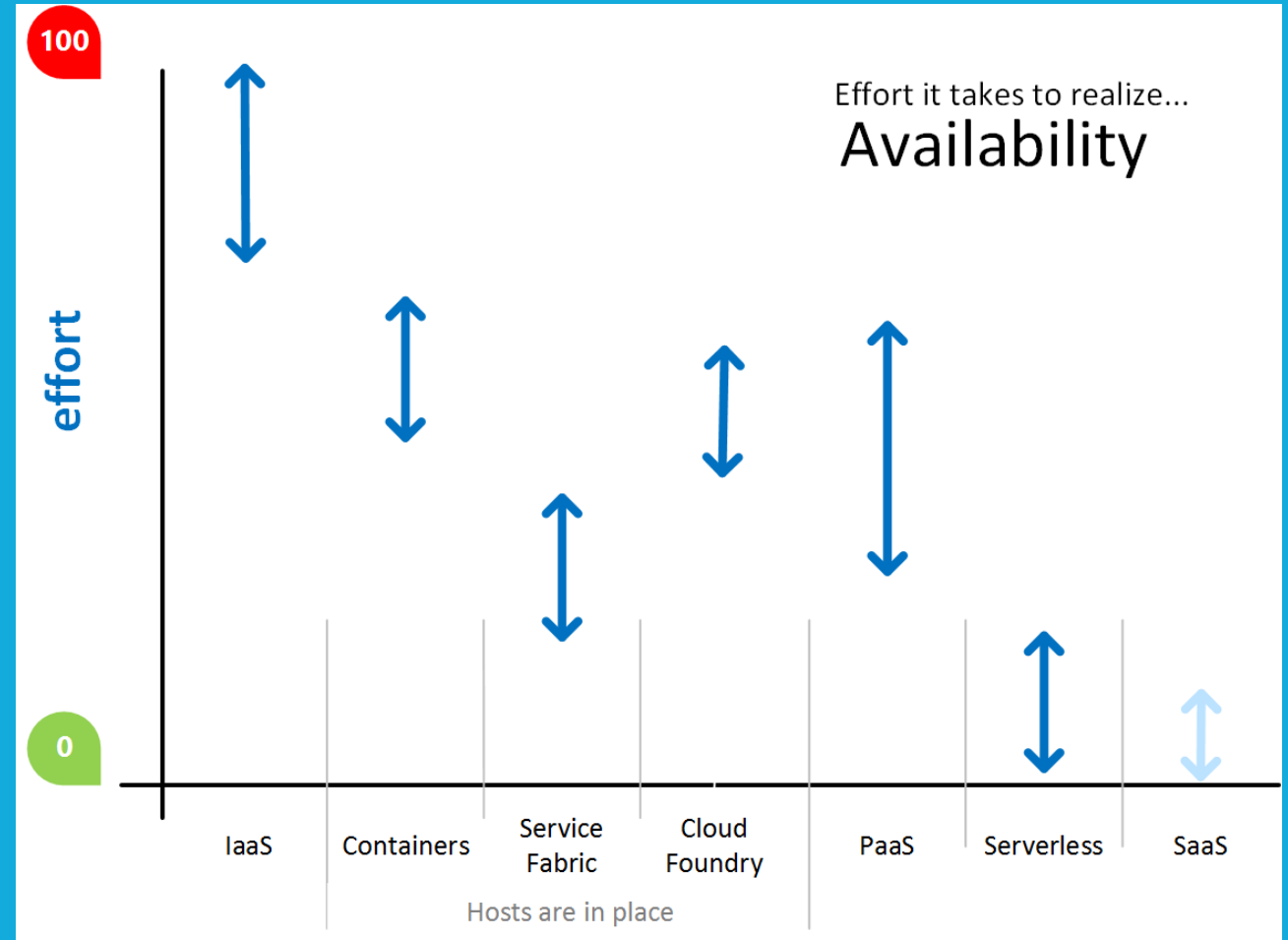
Security policy as code

Compliance and governance as code



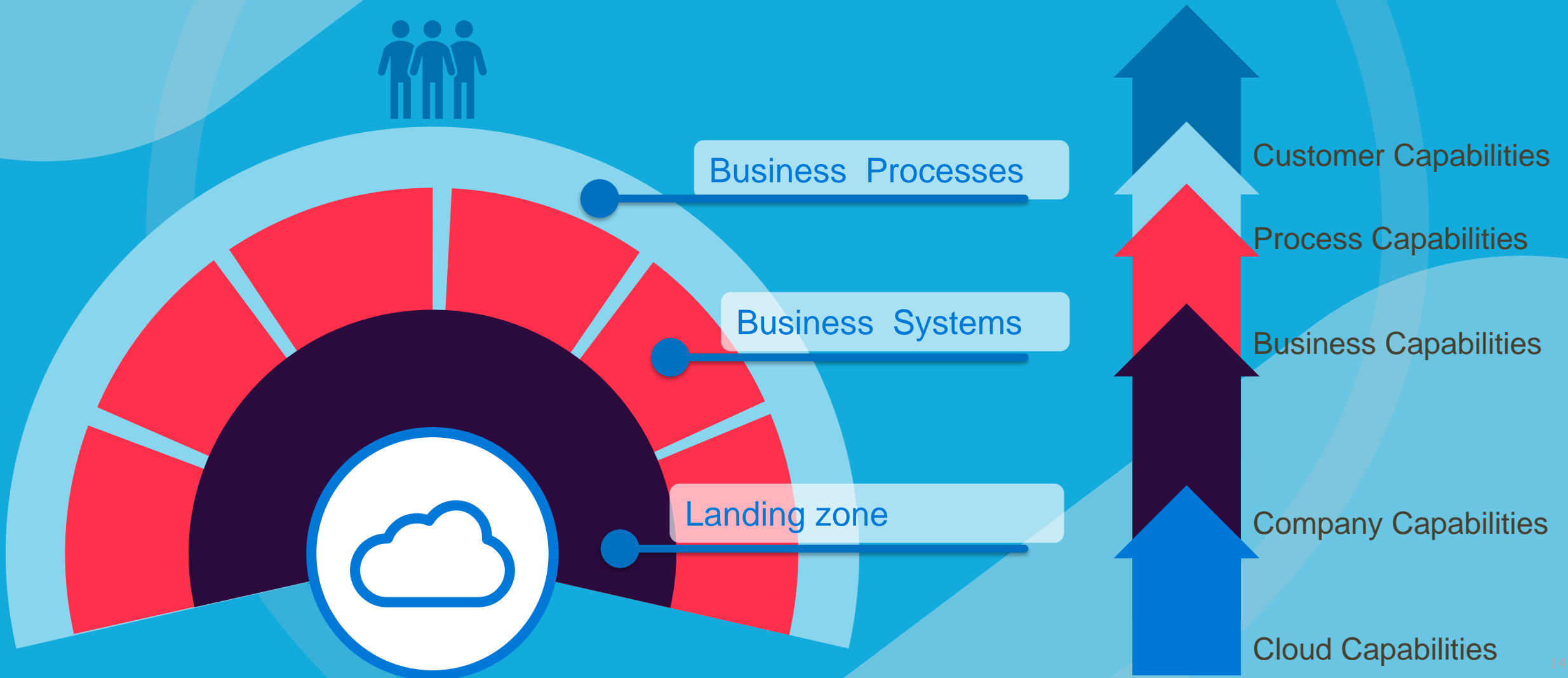
# Platform

The Cloud tradeoff from a **business quality attribute** perspective.



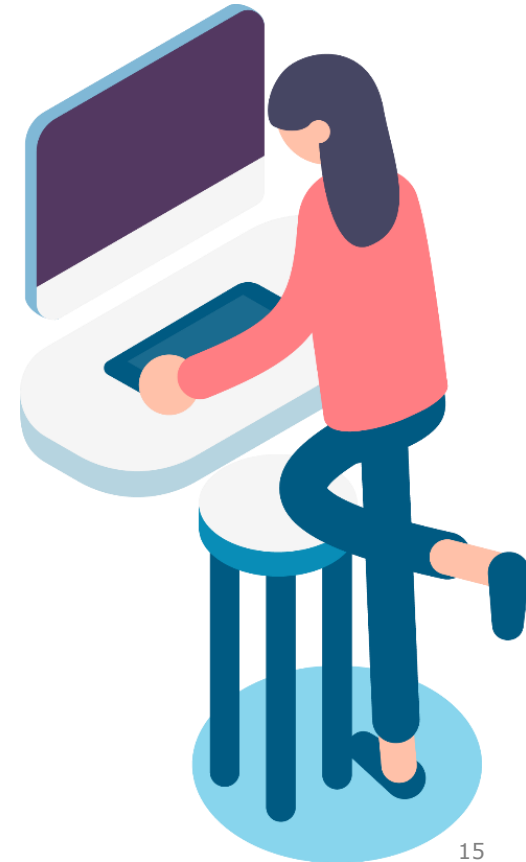
<https://www.linkedin.com/pulse/cloud-tradeoff-from-business-quality-attribute-clemens-reijnen/>

# Platform



# What slows your team down?

Stop trying to turn all your developers into DevOps pros, rather speed up on business functionality...



# Organizations

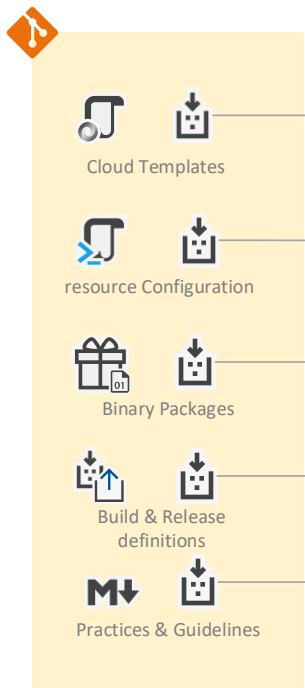
Consistency at scale

Maximum Cloud benefits

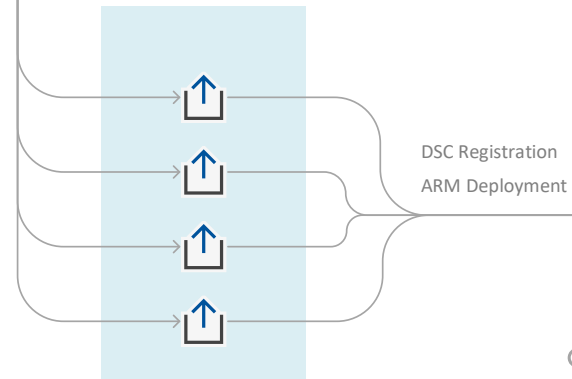
Enterprise DevOps challenges



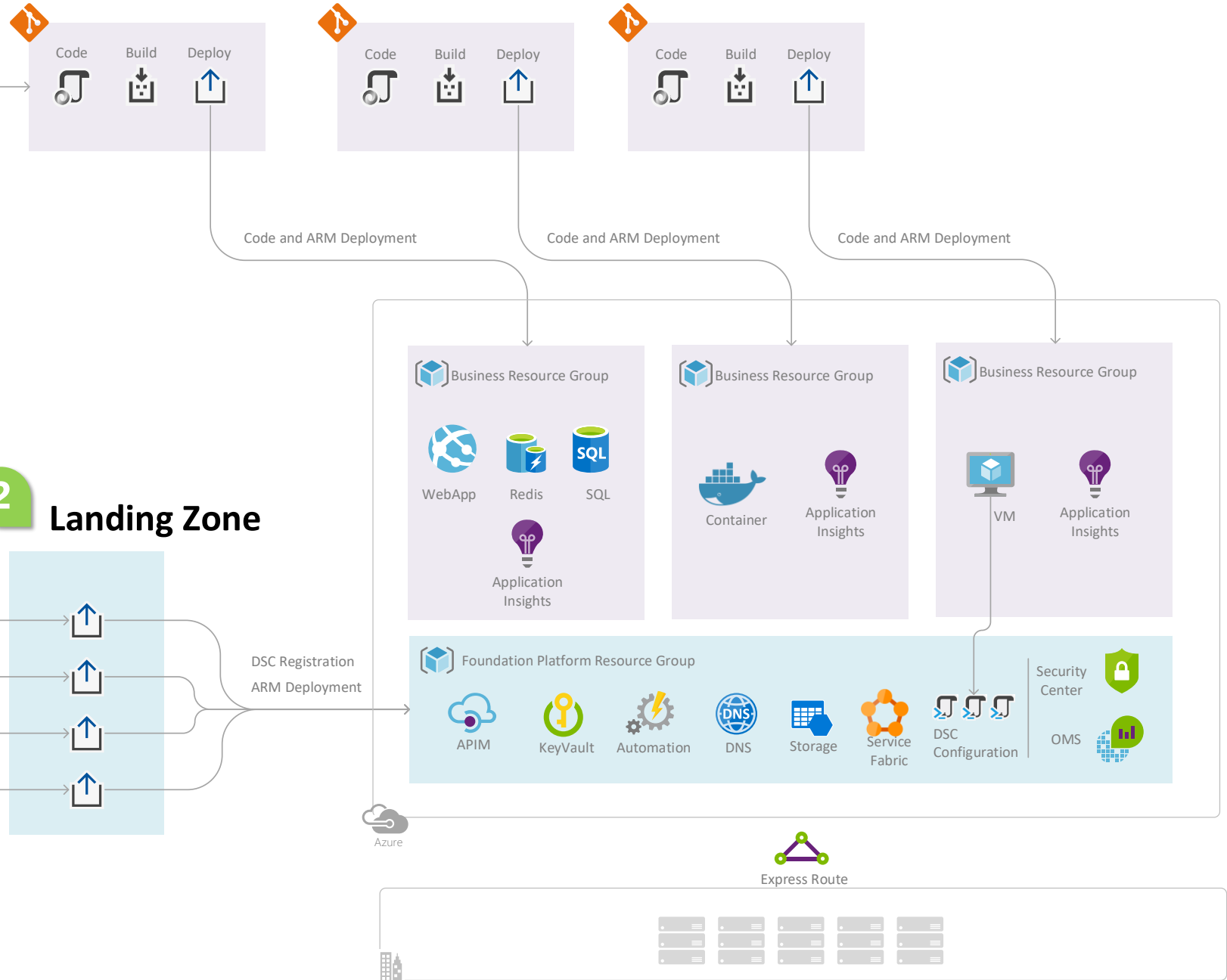
# 1 Service Catalog



# 2 Landing Zone



# 3 Business Projects.



# Inner source



# Sogeti CloudBoost library



**Inner source,  
developing  
open source  
software within  
organizations**