



| NS:GO/Applications/Modernize



Modernize – Approach

Refactor



No major code changes



IaaS & PaaS



Optimized for Cloud

Rearchitect



Major Code Changes



IaaS and PaaS



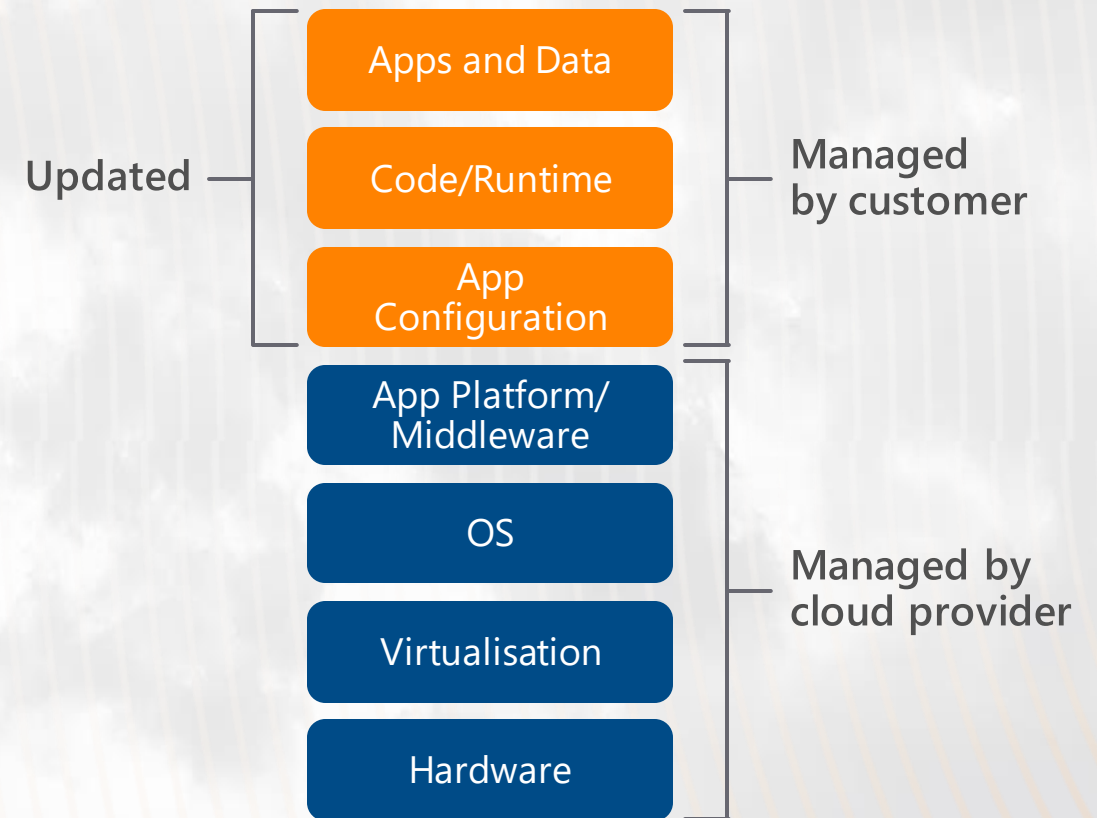
Optimized for Cloud



Modernize – Refactor

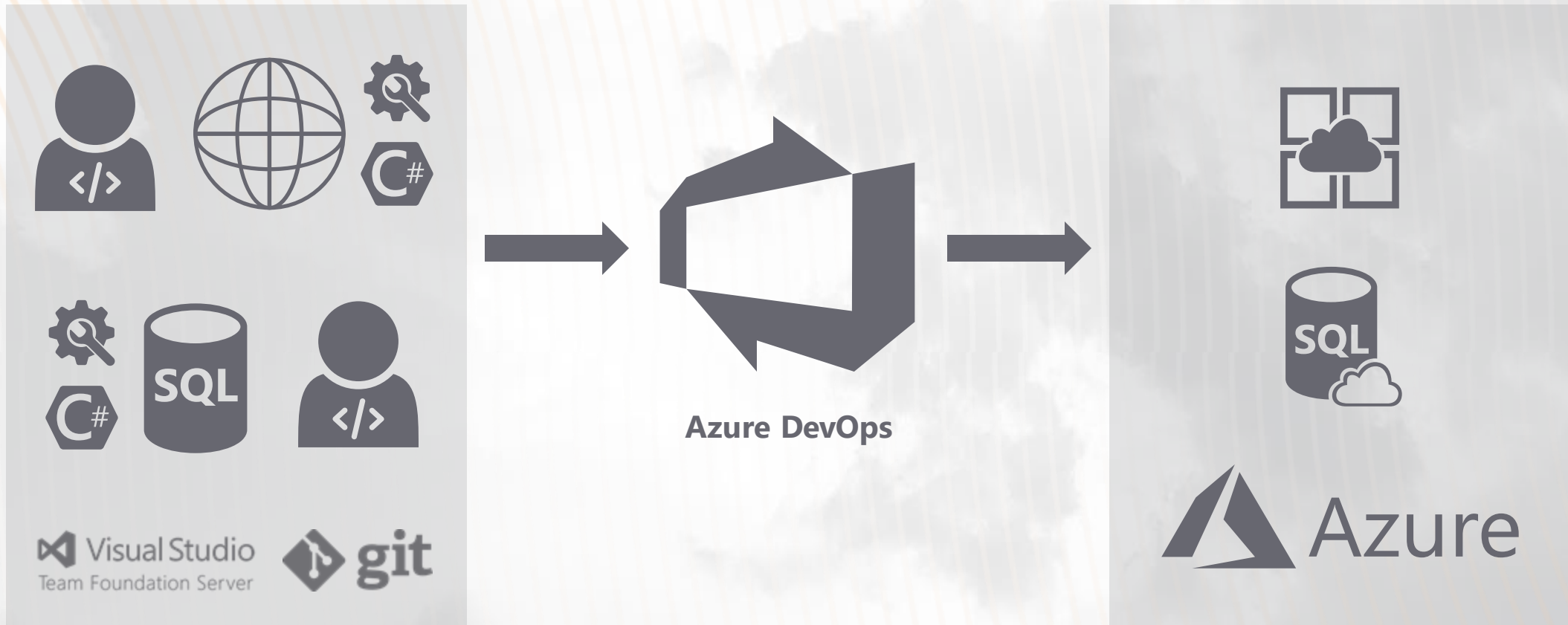
This strategy involves using additional cloud provider services to optimise cost, reliability and performance by refactoring your applications.

In a rehost scenario, you only use provider-managed hardware and OS, but in the refactor model you also take advantage of cloud services to drive down cost. You continue to use your current application as is, with some minor application code or configuration changes, and connect the app to new infrastructure services like Azure App Service, Azure SQL Database Managed Instance and containers. By employing modernized services, you can reduce both cost and management.





Modernize – Refactor



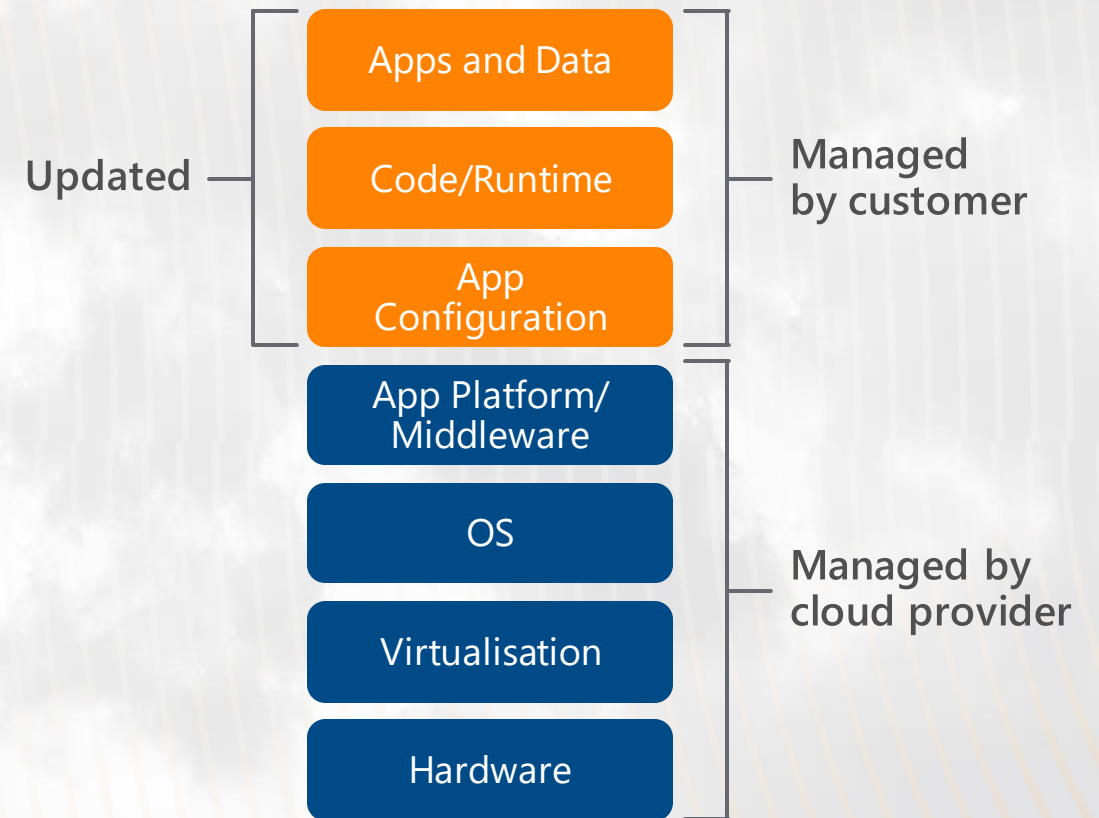


Modernize – Rearchitect

This strategy involves rearchitecting an application to modernise it – that is, to transform it with a modular architecture.

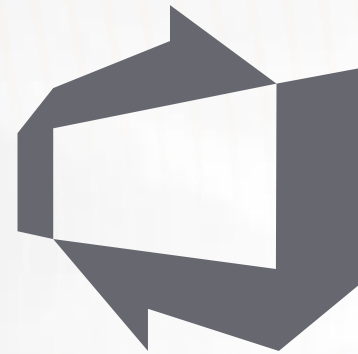
Rearchitecting is modifying or extending an existing application's code base to optimise it for a cloud platform and better scalability.

Cloud provider services can be used directly as backend services for modern apps, which are highly scalable and reliable. This is likely the most time-consuming way to migrate an app to the cloud because it requires app code changes. One example of rearchitecting would be rearchitecting a Microsoft SQL Server database to make it a fully managed Azure SQL Database.





Modernize – Rearchitect



Azure DevOps



Azure
Kubernetes
Service



Azure
App
Service



Azure