

Azure Planning & Migration

Service Definition for G-Cloud 14







1. Summary

This service definition document has been prepared for G-Cloud 14.

2. Description

The Azure Planning & Migration Service takes customers through the assessment, planning and migration phases of an Azure transformation. The services aligns with the five pillars of Microsoft's Well Architected Framework (WAF). The WAF is a set of guiding tenets that can be used to plan and manage optimal Azure performance.

Additionally, Cloud Direct includes Sustainability as a 'sixth pillar'. We help customers 'grow green' through carbon monitoring, reporting, and highlighting the Azure optimisations which will have a positive impact on sustainability.

	Pillar	Description
	Reliability	The ability of a system to recover from failures and continue to function.
	Security	Protecting applications and data from threats.
	Cost Optimisation	Managing costs to maximise the value delivered.
	Operational Excellence	Operations processes that keep a system running in production.
	Performance Efficiency	The ability of a system to adapt to changes in load.
	Sustainability	Monitor, measure and reduce carbon impact.

3. Plan

Item	Detail
Discovery	<p>Start by understanding the adoption of Microsoft Azure within your IT environment. You will understand currently deployed workloads and how to align them within best practice guidance to the Microsoft Well Architected Framework (WAF).</p> <p>Identifying stakeholder, functional and organisational requirements will allow Cloud Direct to interpret these into the analysis formulating the outlines of a target state roadmap planning. The stage will provide you with an adoption business case to build confidence in the proposed plans.</p> <p>Inclusions:</p> <ul style="list-style-type: none"> • Introduce Microsoft's Cloud Adoption Framework (CAF), the Azure landing zone and its components • Initial requirements gathering workshops <ul style="list-style-type: none"> ○ Organisational requirements ○ Service requirements ○ Operational requirements • Assessment • Cost modelling • Target state identification.
Design	<p>An in-depth analysis of assessment data points to provide a detailed target state architecture roadmap identifying your readiness for a wider migration and adoption of Azure.</p> <p>This review will allow you to fully understand your current deployed workloads and Azure Backup requirements to align them within best practice guidance to Microsoft's Well Architected Framework. Securing stakeholder, functional, and organisational requirements will allow Cloud Direct to interpret these into the analysis formulating the outlines of a target state architectural roadmap.</p> <p>Inclusions:</p> <ul style="list-style-type: none"> • Deeper in-scoped analysis and database analysis

	<ul style="list-style-type: none"> • Cloud backup requirements, including commitments to customers, security, retention, networking and restoration • Deeper requirements gathering workshops <ul style="list-style-type: none"> ○ Organisational requirements ○ Service requirements ○ Operational requirements • Analysis of data points • Low-level design • Solution stakeholder walkthrough.
Optimisation	<p>Audit of the resources you have deployed within Azure against the five pillars of Microsoft's Well Architected Framework (WAF) to seek optimisation opportunities.</p> <p>The Optimisation review will provide your organisation with the core element of wider framework. Together with reference architectures, design principals, workload reviews, you will be able to shape their Azure resources in line with their declared organisational strategies.</p> <p>This report will give an initial understanding of how well aligned your organisation is to the framework and identify immediate areas of improvement in line with the wider Azure and IT strategies. This review will also allow you to fully understand your current deployed workloads and how to align them within best practice guidance to Microsoft's Well Architected Framework. Securing stakeholder, functional, and organisational requirements will allow Cloud Direct to interpret these into the analysis formulating the outlines of a target state architectural roadmap.</p> <p>In conclusion of this service, Cloud Direct will produce and playback a report, allowing your organisation to understand where areas of improvement can be achieved.</p> <p>Inclusions:</p> <ul style="list-style-type: none"> • Source data sets • Requirements gathering workshops <ul style="list-style-type: none"> ○ Organisational requirements ○ Service requirements ○ Operational requirements

	<ul style="list-style-type: none"> • Analysis of data points • Review report findings • Solution stakeholder walkthrough.
Cloud Operating Model (COM)	<p>Developing an operating model right for each organisation starts with scoping. By doing this at the outset, the Cloud Operating Model (COM) assessment focuses on the aspects that matter most. In turn, this means the recommendations will be specific to advance the digital transformation quickly.</p> <p>The workshop includes discussion about motivations, cloud strategy, and business outcomes to fully understand the goals and key milestones of the transformation journey. This structured workshop also includes interviews with key stakeholders to demystify the bigger picture around the implementation and management of cloud technology within your business.</p> <p>Inclusions:</p> <ul style="list-style-type: none"> • Strengths and weaknesses against each COM pillar of best practice operations • Maturity gap analysis to determine how ready the organisation is to operate in the cloud • Actionable roadmap for developing a COM.
Consultancy	Azure consultancy can be applied on a one-time day rate basis or on-demand as a flexible resource.

4. Migrate

Item	Detail
Migration	<p>An infrastructure migration to Microsoft Azure covering end-to-end modernisation that is designed to optimise performance, cost, and security in Azure. Delivered by an Azure Expert MSP the service provides the very best in technical expertise and provides a migration focussed on scalability.</p> <p>Inclusions:</p>

	<ul style="list-style-type: none"> • Azure infrastructure migration • Azure Backup deployed and configured • End-to-end secure deployment • Cost and resource optimised • Cloud Direct's migration methodology <p>The Cloud Direct migration methodology aligns to Microsoft best practise in the form of the Cloud Adoption Framework (CAF) and the Well Architected Framework (WAF).</p>
Landing Zone	<p>The landing zone design is established and documented following a technical workshop and is signed-off by the customer. A design document is shared with the customer. Deployment designs will be linked back to business and technical requirements where applicable.</p> <p>Outcomes:</p> <ul style="list-style-type: none"> • High- and low-level technical Azure Landing Zone design to be deployed • Understanding of current environment and any identified issues • Recommendation report of recommended actions. <p>Cloud Direct will define the standards and policies of the Landing Zone components required, typically:</p> <p><u>Governance</u> – examples include:</p> <ul style="list-style-type: none"> • Management Groups • Subscriptions • Azure Policies • Azure Policies • Azure Blueprint • Azure Tags • Azure Locks • Azure Resource Groups

	<ul style="list-style-type: none">• Role Based Access Control (RBAC) <p><u>Security</u> – examples include:</p> <ul style="list-style-type: none">• Multi Factor Authentication (MFA)• Privileged Identity Management• Encryption <p><u>Networking</u> – examples include:</p> <ul style="list-style-type: none">• Application Gateway• Azure Firewall• Third-party Firewalls• Network Security Groups (NSG)• Network Service Endpoints• Express Route• VPN connections <p>Plus:</p> <ul style="list-style-type: none">• IaaS• PaaS• Azure Kubernetes Service (AKS)• Business continuity (BC) and Disaster Recovery (DR).
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5. Key service terms

Please note the following key terms for this service with Cloud Direct:

- Service pre-requisites, assumptions and exclusions are at the discretion of Cloud Direct
- Any proposed amendments to your service will be discussed with you by Cloud Direct
- The pricing for this plan does not include direct technology costs to Microsoft and covers the professional and managed elements of this plan only.