



EBOOK

Wavenet Azure Professional Services

A compelling choice of cloud computing platform
for organisations of all sizes and industries.



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Introduction

Wavenet Azure Professional Services

As a Microsoft cloud specialist, Wavenet provides a consultancy-led Azure Professional Service that focuses on enabling businesses to complete a successful migration to the Microsoft Azure public cloud, or to provide in-depth analysis of existing Microsoft Azure deployments against best practices to ensure your business investment in the cloud is not going to waste.

Identity is pivotal in Microsoft 365 and Azure, anchoring security, access control, and user convenience. It verifies users, devices, and applications, fortifies against breaches, and streamlines access management with features like single sign-on and identity federation. Strong identity governance ensures compliance and enhances overall security posture. It is therefore essential that your Microsoft identity and access posture is configured to best practice, as this has a huge impact on the efficacy of any solution built upon it.

Wavenet's team of Azure specialists also offer Identity and Access Reviews to provide in-depth assessment, documentation and guidance on how your business can be improved in this area.

Azure Migration Planning

This element of our service focuses on businesses with an existing on-premises/hybrid cloud/private cloud environment who are looking to migrate their workloads into the Microsoft Azure Cloud.

Wavenet's team of Azure Architects work to Microsoft's best-practices, utilising Microsoft's Cloud Adoption Framework (CAF) for Azure during the initial discovery and consultancy process and adhere to the Azure Well Architected Framework (WAF) to ensure your Azure solution is cost-effective, secure, reliable, performant and operationally excellent.

As part of this consultant-led process, Wavenet Professional Services will conduct a comprehensive discovery and assessment of your current IT Infrastructure and will discuss with you the goals and aspirations of your business, culminating in the delivery of a detailed Low-Level Design (LLD) Document which can then be delivered as a full solution by Wavenet's Project Delivery team.



Migration Planning

Migration Planning Assessment Details

Whilst the assessment may vary in scope and approach depending on the size of your infrastructure, Wavenet's methodology for cloud migration planning is as follows:

- Cloud Adoption Framework (CAF) strategy assessment to capture your business requirements and motivations for an Azure migration, as well as to highlight any potential blockers to a successful migration.
- Review of your business approach to Identity, Access and data Governance
- Review of the current connectivity solutions used by your business to access your Azure infrastructure, including remote access. Discussion surrounding the principles of Zero Trust Network Access (ZTNA).
- Deep workload analysis, including discussions with third-party software vendors, exploring options to migrate existing systems using the five Rs of rationalisation: Rehost, Refactor, Rearchitect, Rebuild and Replace.
- Discussion of Business Continuity and Disaster Recovery requirements, ensuring the proposed solution meets your business requirements in terms of Recovery Time Objective (RTO) and Recovery Point Objective (RPO).
- Review of existing Microsoft licensing to ensure your current licensing stack suits the needs of your business and that functionality is maximised.
- Discussion and planning for the implementation of your Azure Landing Zone
- Migration timeline and milestones
- Migration risk assessment and risk mitigation

Key Deliverables

Upon completion of the discovery and assessment process a comprehensive Low-Level Design (LLD) document will be produced with design decisions explained in context with the Azure Well Architected Framework and in adherence to the Azure Landing Zone architecture. This document will present Wavenet's findings from the assessment process with guidance on how to remediate any shortcomings.

All proposed Azure resources will be itemised along with any naming conventions, tagging strategies, resource placement and business continuity plans.

Azure Well-Architected Review

The Well-Architected Review is an assessment, consultation and reporting process whereby an existing Microsoft Azure solution is examined by one of Wavenet's Azure Architects.

This comprehensive review will critically evaluate the Azure environment against best-practices outlined by Microsoft's Azure Well-Architected Framework (WAF) in conjunction with the ever-evolving needs of your business. After an initial consultation and assessment period, Wavenet will provide a detailed report highlighting any deviation from best-practices and in-depth recommendations on how best to improve your Azure deployment to better suit the needs of your business.

Assessment Details

Whilst the assessment may vary in scope and approach depending on the size of your Azure deployment, Wavenet's methodology when assessing your Azure infrastructure is as follows:

- Discussion of the initial requirements that motivated your business to migrate to Azure. For example:
 - Was the Microsoft Cloud Adoption Framework (CAF) for Azure utilised to plan your migration?
 - Was your business driven to the cloud by end-of-life on-premises hardware or system failures?
 - Was your migration driven by a short-term requirement for Extended Software Updates for end-of-life operating systems?
- Review of your business approach to Identity, Access and data Governance
- Review of your existing Azure Landing Zone Architecture or discussion over how to effectively deploy an Azure Landing Zone to suit the needs of your business.
- Review of the current connectivity solutions used by your business to access your Azure infrastructure, including remote access. Discussion surrounding the principles of Zero Trust Network Access (ZTNA).
- Workload analysis to ascertain whether the 5 Rs of rationalisation have been utilised appropriately (Rehost, Refactor, Rearchitect, Rebuild and Replace). Wavenet places an emphasis on Platform-as-a-Service (PaaS) solutions where possible to improve resilience and availability whilst simultaneously reducing ongoing administrative effort.
- Review of Business Continuity and Disaster Recovery posture ensuring your solution meets your business requirements in terms of Recovery Time Objective (RTO) and Recovery Point Objective (RPO).
- Review of existing Microsoft licensing to ensure your current licensing stack suits the needs of your business and that functionality is maximised.
- Azure Cost Analysis with identification of any cost optimisation opportunities. Where applicable this will also include planning to tag resources to align your various workloads to cost centres within your business to better align your cloud spend.

Key Deliverables

Upon completion of the assessment process a comprehensive document will be produced outlining the findings and recommendations for improvement. The document will highlight all 'non-compliance' against the Microsoft Well Architected Framework and will advise on steps necessary to rectify any issues. Any cost optimisation opportunities will be itemised appropriately within the document.

Identity and Access Review

This pillar of the Wavenet Azure Professional Services offering focuses on businesses who are already utilising Microsoft's cloud-based identity provider, Entra ID, and want to evaluate their current Identity and Access architecture in the context of security and governance against Microsoft's best practices.

This service aims to help your business make the most of the Microsoft 365 & Entra ID licenses you are currently paying for, and to identify any potential requirements or gaps in functionality that would justify a licensing upgrade.

Assessment Details

Whilst the assessment may vary in scope and approach depending on the size of your business and number of workloads using Entra ID as an Identity Provider, Wavenet's methodology when performing the Identity and Access Review is as follows:

- Review of any existing user onboarding processes, including any potential for HR-based user provisioning
- Review of any existing user and group naming conventions
- Identification of security groups, group owners and existing access reviews (membership review)
- Review of all known instances where an Identity is required (for example Entra ID Enterprise Applications, VPNs) and identification of opportunities for identity centralisation for Single Sign On (SSO) via an appropriate federation mechanism
- Assessment of the application of the Principle of Least Privilege
- Assessment of the application of the Zero Trust Principle
- Assessment of Multi-Factor Authentication (MFA) and Conditional Access use and policies
- Evaluation of current Remote Access solutions
- Evaluation of current utilisation of licensed features from an Identity Perspective (depending on your current Microsoft Entra ID licencing tier), with recommendations for enhancement where applicable

Key Deliverables

After the assessment process is completed, Wavenet will generate a detailed document summarizing any findings and recommendations for enhancing your Identity and Access solution. This document will pinpoint any 'non-compliance' with Microsoft's best practices for Identity and Access and expand on the necessary steps and costs required to resolve these issues. Additionally, it will include an evaluation of your current utilisation of licensed Entra ID features, along with suggestions for licensing upgrades as appropriate.

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