



Service Definition Document

Azure Cloud Readiness
Assessment

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Solution Overview

Aims and Objectives

Aims

- **Assess Current Infrastructure:** Evaluate the existing IT infrastructure, applications, and data systems to determine their readiness for migration to the Azure cloud platform.
- **Identify Business Objectives:** Understand the strategic goals and operational requirements of the organisation to align the cloud migration strategy with business objectives.
- **Optimise Workloads:** Analyse workloads and applications to identify opportunities for optimisation, cost reduction, and performance enhancement in the Azure cloud environment.
- **Mitigate Risks:** Identify potential risks and challenges associated with the migration process, including security, compliance, performance, and scalability concerns, and develop strategies to mitigate them.
- **Cost Analysis:** Conduct a thorough cost analysis to estimate the total cost of ownership (TCO) of migrating to Azure, including initial migration costs, ongoing operational expenses, and potential cost savings.
- **Create Migration Roadmap:** Develop a detailed migration roadmap outlining the sequence of migration activities, timelines, resource requirements, and dependencies to ensure a smooth transition to the Azure cloud platform.
- **Ensure Compliance:** Ensure that the cloud migration strategy complies with relevant industry regulations, data protection laws, and internal compliance policies to avoid legal and regulatory issues.
- **Enable Scalability and Flexibility:** Design the Azure cloud architecture to be scalable and flexible, allowing the organisation to adapt to changing business requirements and scale resources up or down as needed.

Objectives

- **Infrastructure Assessment:** Evaluate the existing infrastructure, including servers, storage, networking, and data centres, to determine their compatibility with Azure services.
- **Application Portfolio Analysis:** Analyse the organisation's application portfolio to identify candidates for migration, assess their complexity, dependencies, and suitability for the Azure cloud platform.
- **Data Assessment:** Assess the organisation's data architecture, storage requirements, and data governance policies to determine the most efficient and secure way to migrate data to Azure.
- **Security and Compliance Review:** Conduct a comprehensive review of security controls, access policies, encryption mechanisms, and compliance requirements to ensure that the Azure cloud environment meets industry standards and regulatory requirements.

- **Performance Optimisation:** Identify opportunities to optimise application performance, enhance scalability, and improve resource utilisation in the Azure cloud environment through architectural design changes and performance tuning.
- **Change Management:** Develop a change management plan to address organisational changes, stakeholder communication, and user training to minimise disruption during the migration process.
- **Continuous Improvement:** Establish mechanisms for monitoring and evaluating the performance of the Azure cloud environment, gathering feedback from stakeholders, and implementing continuous improvement initiatives to optimise resource utilisation, enhance security, and meet evolving business needs.

What is an Azure Cloud Readiness Assessment?

An Azure Cloud Readiness Assessment is a comprehensive evaluation process aimed at helping organisations determine the viability and benefits of migrating their IT infrastructure, applications, and data to the Microsoft Azure cloud platform.

This assessment begins with analysing the organisation's existing IT environment, including infrastructure, applications, and data systems. It evaluates factors such as infrastructure readiness, application compatibility, data storage requirements, and security considerations to assess the organisation's readiness for cloud adoption.

Based on the assessment findings, a tailored migration strategy and roadmap are developed. This includes defining migration approaches, timelines, resource requirements, and risk mitigation strategies to ensure a smooth transition to Azure.

Additionally, the assessment includes a cost analysis to estimate the total cost of ownership (TCO) of migrating to Azure. This helps organisations understand the financial implications of cloud adoption and identify opportunities for cost optimisation.

Furthermore, the assessment evaluates security implications to ensure that the Azure cloud environment meets industry standards and regulatory requirements. This involves assessing security controls, access policies, encryption mechanisms, and compliance measures to mitigate risks and enhance the security posture of the organisation's IT infrastructure.

Overall, an Azure Cloud Readiness Assessment provides organisations with valuable insights into their readiness for cloud adoption, identifies opportunities for optimisation and improvement, and provides a roadmap for successful migration to the Azure cloud platform.

Key Features

- Assess your readiness for Azure cloud adoption
- Application and data analysis to evaluate workload architecture
- Azure infrastructure sizing guidance
- Identify modernisation opportunities
- Collaboration with certified Azure experts for consultancy and guidance
- Alignment of Azure strategy with business objectives
- Identify remediation work required before Cloud Migration
- Cost analysis to estimate the TCO of migrating to Azure

Key Benefits

- Build a forward looking Azure roadmap
- De-risks transformation and transition to Cloud
- IT auditing and inventory creation
- Highlights IT infrastructure and application dependencies
- Business case development for a public cloud strategy
- Identify cost saving and optimisation opportunities
- Evidences readiness of your organisation's capability to move to Cloud
- Increase transformation confidence
- Access to certified Azure experts
- Accelerates cloud transformation and time to value

Scope and Duration

Scope

- **Current State Assessment:** Evaluate the organisation's current IT infrastructure, applications, and data systems to determine readiness for migration to Azure. This includes assessing infrastructure components, application portfolios, data architecture, security posture, and compliance requirements.
- **Migration Strategy Development:** Develop a comprehensive migration strategy tailored to the organisation's specific needs and objectives. This involves defining migration approaches, such as lift-and-shift, re-platforming, or re-architecting, and identifying migration priorities, timelines, resource requirements, and dependencies.
- **Cost Analysis:** Perform a detailed analysis of the total cost of ownership (TCO) of migrating to Azure. This includes evaluating infrastructure costs, licensing fees, migration services, ongoing maintenance, and support. The cost analysis helps organisations understand the financial implications of cloud adoption and identify opportunities for cost optimisation.
- **Security and Compliance Assessment:** Conduct a review of security controls, access policies, encryption mechanisms, and compliance requirements to ensure that the Azure cloud environment meets industry standards and regulatory requirements. This

assessment identifies security gaps and vulnerabilities and provides recommendations for enhancing security posture.

- **Data Assessment and Migration Plan:** Evaluate the organisation's data architecture, data storage requirements, and data governance policies. Develop a data migration plan to migrate data securely and efficiently to Azure while minimising downtime and ensuring data integrity.

Duration

The duration of an Azure Cloud Solution Assessment can range from a few weeks to several months, depending on the complexity of the organisation's IT environment and the scope of the assessment. Typically, the assessment process involves several phases, including:

- **Preparation:** Initial scoping, stakeholder engagement, and gathering of relevant documentation and information about the organisation's IT environment and business objectives.
- **Analysis:** In-depth analysis of the organisation's current state, including infrastructure, applications, data systems, security posture, and compliance requirements.
- **Recommendations:** Development of recommendations and a migration strategy based on the assessment findings, including cost analysis, security recommendations, and data migration plan.
- **Presentation and Review:** Presentation of assessment findings, recommendations, and migration strategy to key stakeholders for review and feedback.

Overall, the scope and duration of an Azure Cloud Readiness Assessment are tailored to meet the organisation's specific needs and objectives, ensuring a thorough evaluation of readiness for cloud adoption and a well-defined roadmap for successful migration to the Azure cloud platform.

Deliverables

Typical deliverables from an Azure Cloud Readiness Assessment include:

- **Current State Assessment Report:** A detailed report outlining the organisation's current IT infrastructure, applications, data systems, and business objectives.
- **Migration Strategy and Roadmap:** A comprehensive migration strategy and roadmap outlining the steps, timelines, and resources required for migrating to the Azure cloud platform. This includes migration approaches, such as lift-and-shift, re-platforming, or re-architecting, as well as risk mitigation strategies and dependencies.
- **Cost Analysis:** An analysis of the total cost of ownership (TCO) of migrating to Azure, including infrastructure costs, licensing fees, migration services, ongoing maintenance, and support. This analysis helps organisations understand the financial implications of cloud adoption and identify opportunities for cost optimisation.

- **Security and Compliance Assessment:** A review of security controls, access policies, encryption mechanisms, and compliance requirements to ensure that the Azure cloud environment meets industry standards and regulatory requirements
- **Application Portfolio Analysis:** An analysis of the organisation's application portfolio to determine which applications are suitable candidates for migration to Azure. This includes assessing application complexity, dependencies, performance requirements, and data integration needs.
- **Data Assessment and Migration Plan:** An evaluation of the organisation's data architecture, data storage requirements, and data governance policies. This includes developing a data migration plan to migrate data securely and efficiently to Azure while minimising downtime and ensuring data integrity.
- **Infrastructure Optimisation Recommendations:** Recommendations for optimising infrastructure resources, enhancing scalability, and improving resource utilisation in the Azure cloud environment. This may include architectural design changes, performance tuning techniques, and best practices for optimising resource usage.

These deliverables provide organisations with valuable insights, recommendations, and a roadmap for successful migration to the Azure cloud platform, enabling them to optimise costs, enhance security, and drive innovation through cloud adoption.

Data Protection & GDPR

Atech, part of the Iomart Group, is committed to conducting its business in accordance with all applicable Data Protection laws and regulations and in line with the highest standards of ethical conduct. Our Data Protection policy sets forth the expected behaviours of Iomart Employees and Third Parties in relation to the collection, use, retention, transfer, disclosure and destruction of any Personal Data belonging to an Iomart Contact (i.e. the Data Subject). Iomart, as a Data Controller, is responsible for ensuring compliance with the Data Protection requirements outlined in our Data Protection policy (available on request).

Iomart's leadership is fully committed to ensuring continued and effective implementation of this policy and expects all Iomart Employees and Third Parties to share in this commitment.

Iomart uses the Personal Data of its Contacts for the following broad purposes:

- The general running and business administration of Iomart Entities.
- To provide services to Iomart customers.
- The ongoing administration and management of customer services.
- The use of a contact's information should always be considered from their perspective and whether the use will be within their expectations or if they are likely to object.

Each Iomart Entity will Process Personal Data in accordance with all applicable laws and applicable contractual obligations. More specifically, Iomart will not Process Personal Data unless at least one of the following requirements are met:

- The Data Subject has given Consent to the Processing of their Personal Data for one or more specific purposes.
- Processing is necessary for the performance of a contract to which the Data Subject is party or to take steps at the request of the Data Subject prior to entering a contract.
- Processing is necessary for compliance with a legal obligation to which the Data Controller is subject.
- Processing is necessary to protect the vital interests of the Data Subject or of another natural person.
- Processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the Data Controller.
- Processing is necessary for the purposes of the legitimate interests pursued by the Data Controller or by a Third Party.

Why Partner with Atech?

Credentials and Capability

Atech is the one of the UK's most accredited providers of secure hybrid cloud managed services, delivering deep expertise across Microsoft technologies, data protection, and cybersecurity. We hold Microsoft designations for **Modern Work, Security, Infrastructure (Azure)** and are recognised as an **Azure Expert MSP** – a status achieved by only 60 partners globally and 15 in the UK.

As part of the Microsoft AI Cloud Partner Program, we have validated technical capabilities across the full cloud lifecycle. Our inclusion in the **Azure Expert MSP Program** reflects proven excellence in people, processes, and tools, ensuring sustainable, repeatable, and scalable managed services. This means you can rely on a partner that consistently delivers best practice and operational efficiency.

Partnering with us gives you access to over **200 Microsoft cloud specialists**, including **two Microsoft MVPs**, ensuring unparalleled technical depth and experience.

Microsoft Endorsements and Specialisations

We hold multiple Microsoft Solutions Partner designations, including:

- Digital & App Innovation (Azure)
- Data & AI (Azure)
- Business Applications



Figure 1: Microsoft Accreditations

In addition, we have achieved advanced specialisations in areas such as:

- Cloud Security
- Identity and Access Management
- Threat Protection
- Infra & Database Migration
- Azure Virtual Desktop
- Enterprise Application Migration to Azure



Figure 2: Microsoft Designations

These credentials validate our ability to deliver complex, secure, and innovative solutions aligned to Microsoft best practices.

Security and Compliance

Security is at the heart of our services. Atech is **ISO 27001 certified**, **Cyber Essentials Plus accredited**, and a member of the **Microsoft Intelligent Security Association (MISA)** – an invitation-only program granting access to Microsoft’s top security experts. We also hold **CREST accreditation** and participate in the **Microsoft MSSP Program**, one of only 12 partners in the UK, giving our customers direct benefits such as access to product teams and funded workshops.

Further reinforcing our security leadership:

- **Microsoft Gold Partner Status** alongside **Azure Expert MSP**
- **Microsoft MSSP Program** (1 of only 12 UK partners)
- **Microsoft Fastrack Ready Partner** (1 of only 300 globally)
- **Microsoft XDR status**

These credentials provide you with assurance that security is embedded throughout design, migration, and ongoing management. Combined with our advanced specialisations and industry recognition, they demonstrate our ability to deliver secure, compliant, and future-ready solutions.

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6 Atlantic Quay, 55 Robertson Street, Glasgow, G2 8JD