



Service Definition Document

Azure Web App
Migration

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Solution Overview

What is an Azure Web App Migration?

Azure Web App Migration is a structured service designed to transition your on premises IIS websites into Azure App Services. This modernisation improves performance, scalability, security, and operational efficiency by moving your applications into a fully managed, cloud native platform. Iomart guides you through a proven four stage process—Assessment, Design, Deployment, and Handover—to ensure a smooth, low risk migration aligned to Microsoft best practices.

Key Features

- Scale applications based on demand and ensure consistent performance
- Improve security through native SSL/TLS, WAF and Entra ID
- Run .NET, Java, Node.js, PHP, Python, others without infrastructure complexity
- Real-time monitoring, logging, and insights to optimise performance/troubleshoot issues
- Structure methodology to migrate web applications
- Access to cloud migration experts

Key Benefits

- Improve application performance and resilience using cloud native scaling
- Reduce operational overhead by removing the need to manage IIS-Servers
- Strengthen security posture with enterprise grade protection built in
- Enable faster updates and innovation through a modern PaaS environment
- Increase visibility into application health and usage with integrated diagnostics
- Minimise migration risk through structured assessment and design stages
- Align application modernisation to Microsoft's Cloud Adoption Framework

Service Overview

Dependant on delivery type and complexity. Our experience is from small implementations to large multinational deployments for large enterprise customers. We also offer a comprehensive set of service management offerings to complement our consultancy services for AVD.

Objectives of the Service

Key objectives of the service are:

- Ensure a smooth and low risk migration of IIS workloads to Azure.
- Modernise legacy applications into a resilient, scalable App Services platform.
- Reduce infrastructure and management overhead through PaaS adoption.
- Align cloud architectures to Microsoft's Cloud Adoption Framework.
- Improve security, governance, and operational visibility.
- Enable faster innovation and continuous application improvement.
- Provide clear, predictable outcomes through a structured, repeatable approach.

Scope and Duration

The scope and duration of an Azure Web App Migration can vary depending on factors such as the size and complexity of the organisation's infrastructure, the number of workloads being migrated, the level of customisation required, and the specific optimisation goals. However, here's a general overview of the typical scope and duration:

Scope

Assessment and Planning

- Assessing current infrastructure, applications, and workloads to determine migration readiness.
- Identifying optimisation opportunities and defining migration objectives.
- Developing a detailed migration plan and roadmap, including timelines, dependencies, and resource requirements.

Migration Execution

- Setting up Azure environment, networking, and security configurations.
- Migrating workloads, applications, and data to Azure
- Validating migrated workloads to ensure functionality and performance meet expectations.

Optimisation

- Fine-tuning Azure resources, configurations, and architectures to optimise performance, scalability, and cost-effectiveness.
- Implementing security best practices and compliance standards to enhance data protection and mitigate risks.
- Continuously monitoring and analysing Azure environment for optimisation opportunities and making necessary adjustments.

Documentation and Reporting

- Documenting migration process, configurations, and optimisation recommendations.
- Providing regular progress reports, status updates, and post-migration documentation for future reference.

Duration

The duration of an Azure Cloud Migration and Optimisation Service can vary depending on the complexity and scale of the project. Here's a rough estimate of the timeline:

Assessment and Planning: 2-4 weeks

Migration Execution: 4-12 weeks (depending on the number and complexity of workloads)

Optimisation: Ongoing, but initial optimisation efforts may take 2-4 weeks post-migration

Training and Knowledge Transfer: Ongoing throughout the project, with dedicated sessions scheduled as needed

Documentation and Reporting: Throughout the project, with final documentation provided at the end of the engagement

The total duration may extend, or contract based on specific project requirements, unforeseen challenges, and client availability. It's essential to establish clear communication, milestones, and checkpoints throughout the project to ensure alignment and manage expectations effectively.

Deliverables

Typical deliverables from an Azure Web App Migration include:

- **Migration Plan and Roadmap:** Detailed documentation outlining the migration strategy, timelines, dependencies, and key milestones.
- **Migration Execution Report:** Comprehensive report detailing the migration process, including migration logs, issues encountered, and resolutions implemented.
- **Performance Optimisation Recommendations:** Recommendations for optimising Azure resources, configurations, and architectures to enhance performance and scalability.
- **Security Assessment and Recommendations:** Security assessment report, security recommendations, and implementation guidelines to strengthen data protection and compliance.

Our Azure Web App Migration empowers organisations to leverage the full potential of Microsoft Azure, enabling them to achieve greater agility, scalability, and efficiency in their cloud operations while maximising the value of their investment.

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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