



Aoyin Network

-Microsoft professional
service provider

2025



The partnership between Aoyin and Microsoft

Part 01



Specialization Partner

**AI Platform on Microsoft Azure
Infra and Database Migration to
Microsoft Azure**

Part 02



Solutions Partner

**Data & AI
Digital & App Innovation
Infrastructure
Solutions Infrastructure**

Part 03



- **Certifications quantity: 39**
- **Certifications type: 11**

- Azure -305: Azure Solutions Architect Expert
- AZ-400: DevOps Engineer Expert
- AI-102: Azure AI Engineer Associate
- DP-100: Azure Data Scientist Associate
- Microsoft Certified: Azure Data Engineer Associate
- DP-420: Azure Cosmos DB Developer Specialty
- Microsoft Certified: Azure Administrator Associate
- AZ-204: Azure Developer Associate
- Azure-700 Microsoft certified: Azure Network Engineer Associate
- AZ-140 Microsoft Certified: Azure Virtual Desktop Specialty
- Microsoft 365 certified: Fundamentals

Current situation of the enterprise



Existing IT infrastructure

The enterprise primarily utilizes Windows Server 2012 and SQL Server 2008, with aging servers and noticeable performance bottlenecks. The existing data center has limited space and outdated hardware, making it difficult to meet the growing business demands.

Business type and requirements

The company's business primarily focuses on local software development and sales, relying on local servers to store customer data and run applications. With the expansion of business, there is a need for a more efficient and reliable IT infrastructure to support remote work and big data processing.

Migration requirements and challenges

Aging data centers and high hardware maintenance costs require an urgent need to migrate to a modern cloud platform. Faced with challenges such as large data volumes, application compatibility, downtime constraints, and a lack of skilled personnel.

Introduction to Key Services Azure Migrate



One-stop migration service

Azure Migrate is a comprehensive migration service provided by Microsoft, supporting seamless migration from on-premises to Azure cloud. It offers full-process support from assessment to migration and optimization, reducing the barriers for enterprises to migrate.

Core Functions

Automatically discover local servers, applications, and data, providing detailed assessment reports to facilitate precise migration planning. Support various migration methods, including disk replication migration, achieving low downtime or zero downtime migration.

Advantages and highlights

Simplify the migration process, reduce complexity, and minimize human error. Based on Microsoft technology, ensure compatibility with existing Microsoft products such as Windows Server and SQL Server. High cost-effectiveness with a pay-as-you-go model to reduce resource wastage during the migration process.

Solution



Creating migration projects and migration groups.

Create migration projects and migration groups in Azure Migrate to prepare for the migration work. Add the servers to be migrated to the migration group, ensuring that the migration objects are clear for easy management and monitoring.



Data Duplication and Monitoring

Initiate the initial replication, displaying the data replication progress and real-time monitoring interface to ensure smooth data transmission. Perform incremental replication and the final switch during business off-peak periods to achieve the migration of servers from local to Azure.



Optimization of the Migration Process

According to the data copy progress and server performance, dynamically adjust the migration strategy to optimize the migration process. Timely address any issues that arise during the migration process, such as network interruptions and data consistency issues, to ensure a smooth completion of the migration.

Results



Performance enhancement

Server performance optimization Compare the performance data of the servers before and after migration, such as a 30% reduction in CPU response time and a 20% increase in memory utilization. Application performance enhancement

Cost-effectiveness

After the migration, the overall cost has decreased by 40%, with a 50% reduction in hardware procurement costs and a 30% reduction in data center operational costs.
Pay-as-you-go model, Pay according to actual usage to avoid resource waste.

Enhanced business continuity

Data Backup and Recovery Efficiency, Enhance the efficiency of data backup and recovery, ensuring data safety and reliability. Utilize services such as Azure Backup to achieve automatic data backup and rapid recovery, thus reducing the risk of data loss.



**THANKS
FOR
EVERYONE**



2025

