

Fast Start – Azure for SQL on IaaS



Accelerate

Transform industry challenges into your opportunity by distinguishing yourself, and delighting your customers with Microsoft Azure and IaaS based application platforms

Benefits

- Accelerate deployment of common Microsoft Azure workload scenarios
- Drive readiness for your IT engineers through education services
- 4 days on-site engagement to kick start your onboarding on Azure

New cloud platform. New opportunities.

Between 2011 and 2017 spending on cloud infrastructure and services is expected to triple in size¹. That growth is fueled as enterprises of all sizes migrate workloads and services in order to take advantage of cloud scale, economies, and innovation.

Microsoft Azure is at the forefront of cloud innovation, providing an expansive set of services that enable you to innovate, test and run applications on an open and flexible cloud platform.

To help realize the benefits of the cloud, Microsoft Premier offers a new set of services focused on helping you to accelerate Microsoft Azure deployment.

Fast Start for Microsoft Azure helps you quickly deploy new cloud workloads.

Fast Start helps introduce you to the basics of common Microsoft Azure workloads, provides guidance and education for your IT engineers, and provides support during initial workload deployment. The service includes:

- **Education Services** to help enhance your support staff's technical and operational skills and help drive operational readiness.
- **Onboarding accelerator** which is a direct engagement with a Microsoft engineer who works with you to provide deployment or migration assistance. This assistance can include planning and validation of a proof of concept or production workload using Microsoft products..



1: Education

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2: Onboarding

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Outcome:
Acceleration

Step 1: Education - Workshop: Azure for SQL on IaaS

The Fast Start – Azure for SQL on IaaS workshop section aims at introducing the customer to the basics of deploying SQL Server instances and understanding the requirements for SQL Server running on IaaS. Additionally it provides you with assistance on creating and deploying SQL Server on IaaS. Microsoft will also help you to understand key principles in running SQL on IaaS, configuring virtual machines, and creating storage accounts needed for backup on Azure Storage.

Each section is designed to provide participants with in-depth expertise, tools to help them quickly acquire knowledge and skills to design and deploy on Microsoft Azure. A number of technology focused demos augment the materials.

Syllabus

This workshop runs for about 10 hours.

Module 1 – Cloud Deployment Options

- Introduction to IaaS, and PaaS
- Understanding the difference between IaaS and PaaS

Module 2 – SQL Server and Microsoft Azure VMs (IaaS)

- Deploying SQL Server in Azure VMs and new enhancements
- Different scenarios for using SQL Server in Azure VM
- Migrate on-premises SQL Server to Azure VM
- Using on-premises SQL Server with Azure

Module 3: SQL on Azure IaaS Architecture

- Resource manager deployment
- IaaS Storage
- Network

Module 4: HADR

- High Availability and Disaster Recovery Concepts
- Backup and Restore with Windows Azure Blob Storage Service
- Different HADR solutions in Azure

Module 5: SQL Server Security

- Security Best Practices
- SQL Server security features and enhancements

Module 6: SQL Server on IaaS - Best Practices

- Different Considerations and best practices for SQL Server on Azure VM

Step 2: Onboarding Accelerator: Azure for SQL on IaaS

The Fast Start – Azure for SQL on IaaS Onboarding Accelerator section aims at introducing customer to the basics of deploying SQL Server instances and understanding the requirements for SQL Server running on Azure IaaS.

A Microsoft engineer will be by your side to show you how to build different types of SQL backup scenarios and migrate an existing SQL database to Azure. This section runs about 20 hours

Summary of deliverables

In summary, the service will include the following:

Complete Lab:

- Install Applications and SQL database on Azure IaaS (2 Hrs.)
- SQL backup and restore to Azure Storage Demonstration (1 Hr.)
- Lab: Backup databases to Azure Storage and restore (3 Hrs)
- Identity database preparation work (3 Hrs.)
- Migration of an existing SQL database to Azure IaaS

Closeout session:

- Results
- Closeout, finding, and recommendations presentation
- Findings related to original objectives and requirements
- Discussion of way to proceed (road map)
- Determine customer satisfaction
- Close engagement

