

Fast Start – Azure for 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 IaaS

The Fast Start - Azure for IaaS workshop section helps you expand your on-premises data center infrastructure to the Cloud into Microsoft Azure and create a foundational hybrid Cloud capability. It delivers a general purpose education for providing a test and development environment on Microsoft Azure. The session also covers Azure virtual machines, Azure virtual networks and PowerShell scripts.

Each group of modules are designed to provide participants with in-depth expertise, tools and hands-on experience to help you 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.

Overview

- Introduction to Cloud computing
- Cloud services and scenarios
- EA Portal introduction
- Storage services

Networking/Security

- Introduction to Networking
- VPN/Express Route
- RBAC, Policy based roles
- Network Security groups

Infrastructure

- Virtual Machines
- Storage/Disks
- Resource Groups

Deployment

- Azure Resource Manager
- PowerShell

Identity

- Introduction / Overview

Optional:

Azure Marketplace

The Microsoft Azure™ Marketplace is an online market for buying and selling finished Software as a Service (SaaS) applications and premium datasets. The Microsoft Azure Marketplace helps connect companies seeking innovative cloud-based solutions with partners who have developed solutions that are ready to use.

Azure Recovery Services

Azure Recovery Services combines backup services and VM replication.

Understand how to create and manage backup services using Azure storage as a target. Use Azure Site recovery to establish and orchestrate DR solutions for on premises workloads. Easy and free migration of on premises workloads to Azure.

Operational Management Suite (OMS)

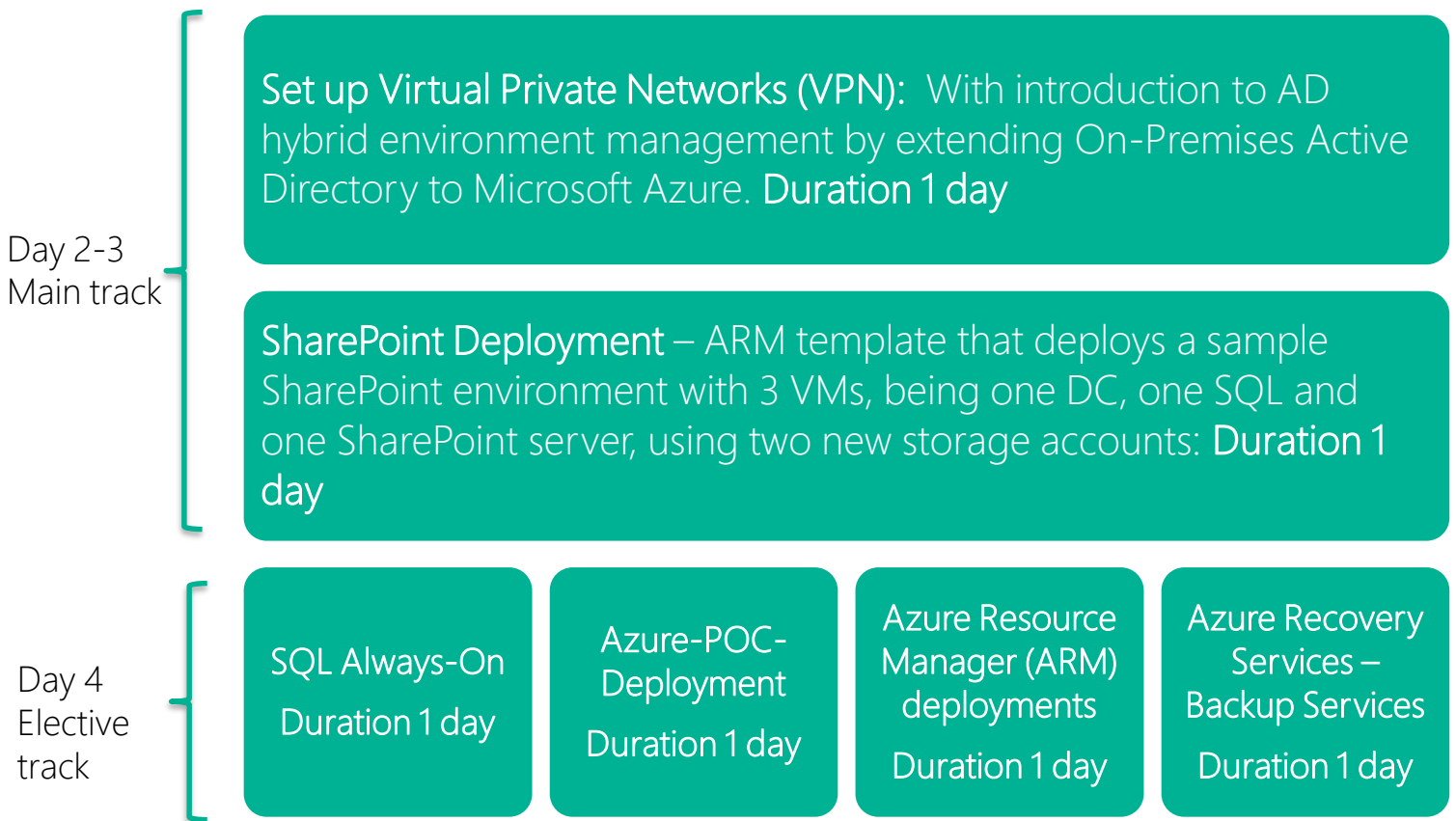
Introduction to Operational Management suite;

Orchestrate complex and repetitive operations; Collect, correlate and act on log data; Identify, assess and mitigate security risks.

Step 2: Onboarding: Azure Fast Start for IaaS

The Onboarding Accelerator helps you understand how to leverage the power and flexibility of the Azure infrastructure. A Microsoft engineer will help you deploy and discuss the guided scenarios of your choice. The onboarding takes place over 3 days (Day 2-4 of delivery) and the Microsoft Engineer will set up a pre-scoping call with you to build the right delivery for your needs:

- Choose at least one of the deployment option from the “Main track”
- Choose one or more scenarios from the “Elective track”



Elective track:

- **SQL Always-On**
Use an ARM Template to deploy a Virtual Network, an Active Directory new forest in HA, and SQL Always on infrastructure with two SQL machines and a Witness machine.
- **Azure-POC-Deployment**
Use PowerShell to deploy a new environment using resource groups, virtual networks with all necessary items to establish a Site to Site VPN, Network Security Group and Azure Load Balancer with a public IP with two IIS virtual machines.

Step 2: Onboarding: Azure Fast Start for IaaS (cont)

Elective track (cont):

- **Azure Resource Manager (ARM) deployments**
 - Multiple VM deployment - template that deploys 15 new virtual machines with virtual network and storage.
 - Simple VM Deployment - template that deploys one new virtual machine in a new storage account and new virtual network.
- **Azure Recovery Services – Introduction to Backup Services**

Choose from one of the following scenarios for proof of concept: Backups with on-premises Data Protection Manager (DPM), Azure Backup Server running as IaaS VM to backup Azure workloads as well as on-premises workloads or backup of Azure VMs