70.x 533 Implementing Microsoft Azure Infrastructure Solutions

Overview

This course teaches IT professionals how to provision and manage services in Microsoft Azure. Students will learn how to implement infrastructure components such as virtual networks, virtual machines, containers, web and mobile apps, and storage in Azure. Students also will learn how to plan for and manage Azure AD, and configure Azure AD integration with on-premises Active Directory domains.

Audience Profile This course is intended for IT professionals who have some knowledge of cloud technologies and want to learn more about Azure.

This course is intended for:

- IT professionals who want to deploy, configure, and administer services, containers, and virtual machines (VMs) in Azure.
- IT professional who use Microsoft System Center to manage and orchestrate server infrastructure.
- Windows Server administrators who are looking to evaluate and migrate on-premises Active Directory roles and services to the cloud.
- IT professionals who want to use Azure to host websites and mobile app back-end services.
- IT professionals who are experienced in other non-Microsoft cloud technologies, meet the course prerequisites, and want to cross-train on Azure.
- IT professionals who want to take the Microsoft Certification Exam 70-533: Implementing Microsoft Azure Infrastructure Solutions.

Audience

This course is intended for IT professionals who have some knowledge of cloud technologies and want to learn more about Azure. IT professionals who want to deploy, configure, and administer services and virtual machines (VMs) in Azure IT professional who use Microsoft System Center to manage and orchestrate server infrastructure Windows Server administrators who are looking to evaluate and migrate on-premises Active Directory roles and services to the cloud IT professionals who want to use Windows Azure to host websites and mobile app backend services IT professionals who are experienced in other non-Microsoft cloud technologies, meet the course prerequisites, and want to cross-train on Azure IT professionals who want to take the Microsoft Certification exam 70-533, Implementing Azure Infrastructure Solutions

Prerequisites

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- Understanding of on-premises virtualization technologies including: virtual machines, virtual networking, and virtual hard disks.
- Understanding of network configuration including: TCP/IP, DNS, virtual private networks, firewalls, and encryption technologies.
- Understanding of websites including: create, configure, monitor and deploy a website on Internet Information Services (IIS).
- Understanding of Active Directory concepts including: Domains, Forests, Domain Controllers, replication, Kerberos, and LDAP.
- Understanding of database concepts including: Tables, queries, Structured Query Language (SQL), and database schemas
- Understanding of resilience and disaster recovery including: backup and restore operations.

Students who attend this training can meet the prerequisites by attending the following course, or obtaining equivalent knowledge and skills:

- Completing the MCSA certification in Windows Server 2012.
- Completing the 10979 Azure Essentials course.

After completing this course, students will be able to:

- Describe Azure architecture components including infrastructure, tools, and portals.
- Implement and manage virtual networking within Azure and to connect to on-premises environments.
- Plan and create Azure virtual machines.
- Configure, manage, and monitor Azure virtual machines to optimize availability and reliability.
- Implement, manage, backup and monitor storage solutions.
- Plan and implement data services based on SQL Database to support applications.
- Deploy and configure websites.
- Deploy, configure, monitor, and diagnose cloud services.
- Publish content through CDNs and publish videos by using Media Services.
- Create and manage Azure AD directories, and configure application integration with Azure AD.
- Integrate on-premises Windows AD with Azure AD.
- Automate operations in Azure management by using PowerShell runbooks.

Visit on Website >>

The training course outline shown above is a standardised version representing all the dates available and may vary from the course you attend. You will be sent the supplier's course outline when you enquire about a specific date.