

Azure Administrator

This course helps prepare learners for Microsoft's AZ-104 exam and obtain the Azure Administrator certification. This course is excellent for those looking to enhance their employability prospects in cloud-based IT Administrator careers.

course outline

IS THIS COURSE FOR YOU?

This course is great for anyone looking to develop technical knowledge and skills using Microsoft Azure. It is designed for those with Azure experience who wish to implement, monitor, and maintain Azure solutions.

ABOUT THE COURSE

Azure Administrator is an IT training course designed to help you learn about cloud computing, managing Azure services, storage, databases and data analytics, app services, and more. Each online training session will guide you through step-by-step and help you learn what you need to know to go on and gain your Microsoft certification. For details about certification exams, please speak with your course advisor.

AIMS AND OBJECTIVES

This Azure Administrator course is designed to delve deeper into the Microsoft Azure environment and will prepare you for the Microsoft Azure Administrator certification exam.

COURSE OUTLINE

Module 1

Managing Azure files, including file shares and the Portal, CLI, PowerShell and Linux, Azure file sync overview, and configuring file sync.

Module 2

Managing Azure Network Solutions, including VNets, Subnets and the Portal, CLI and PowerShell, IP Addresses, Network interfaces, Azure routing, Azure VNet Peering, ExpressRoute.

Module 3

Managing Azure DNS & Network Security, including DNS zones and the Portal, CLI and PowerShell, VNet custom DNS settings, NSG and the Portal, CLI and PowerShell, Azure Virtual WAN, Deploying Azure Firewall, deploying Azure Bastion.

Module 4

Managing Azure Virtual Machines, including VM and the Portal, CLI and PowerShell, saving a deployment as a template, Windows VM remote management, Linux VM remote management, VHD deployment templates, VM resizing, VM data disks, Azure key vault.

Module 5

Azure App Service & Batch Jobs, including code web app deployment, docker web app deployment, app services custom domains, app service scaling and backup, Azure Batch accounts and applications, Azure batch pools, Azure Kubernetes service.

Module 6

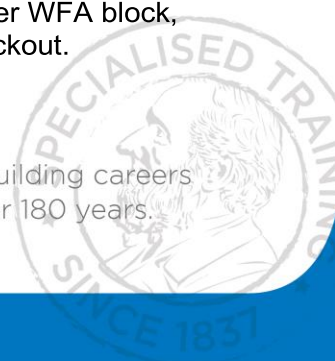
Azure Availability Solutions, including VM scale sets, public load balancers, site-to-site recovery, VM failover, Azure backup policies, Azure VM backup and the Portal, CLI and PowerShell, Azure VM soft delete.

Module 7

Monitoring Azure Resources, including log analytics workspaces, log queries, performance metrics, application insights, network watcher.

Module 8

Managing Azure AD Users, including AD and the Portal, CLI and PowerShell, Azure guest users, Azure bulk user invite, Azure user WFA block, banned password lists, smart lockout.



Azure Administrator

COURSE OUTLINE *cont'd*

Module 9

Managing Azure AD Groups & Devices, including AD groups and the Portal, CLI and PowerShell, AD device settings, AD dynamic group creation, AD Android device join, dynamic device groups, conditional access.

Module 10

Managing Azure AD Subscriptions and Costs, including Azure subscriptions and the Portal, CLI and PowerShell, Azure cost analysis, Azure resource groups, resource group budgets.

Module 11

Azure Policies, including policy assignment and the Portal, CLI and PowerShell, policy compliance, policy remediation.

Module 12

Managing Azure Roles & Tags, including AD role Portal, CLI and PowerShell assignment, resource locking, resource tagging.

Module 13

Managing Azure Storage Accounts, including with the Portal, CLI and PowerShell, uploading blobs, storage account access keys, signatures, Azure storage account encryption, blob SAS token.

PRE-REQUISITES

This course is suitable for those with some experience in Azure, AWS, or Google Cloud, who wish to further their knowledge of using Azure cloud-based technology.

BENEFITS

- Access to our LiveTutor service to answer content or learning queries on a 24/7 basis
- The opportunity to gain industry-recognised certification
- The opportunity to gain the widely recognised Pitman Training certificate
- Access your courseware anytime, anywhere

CAREER PATH

This recognised Microsoft certification will help set you on the path to a rewarding IT career. With this training and experience, you could work as an Azure Administrator or Azure Support Engineer.

COURSE DURATION: 30 hours

(Actual course duration will vary from individual to individual, based on prior skills and application.)



CPD POINTS: 30

(Awarded CPD points upon successful completion)

To find out more about this or any of our courses, speak to one of our course advisors.



Building careers
for 180 years.

