

Azure Cloud Certified Associate

Learn all you need to know about Azure's cloud and on-premises infrastructure in this course.

An Azure administrator often serves as part of a larger team dedicated to implementing an organization's cloud infrastructure. Azure Administrator certification. In addition, learn the benefits of Azure identity management solutions and how to develop and scale new applications in Azure. Discover all you need to know about the Azure infrastructure

Course details

Module 1: Identity

Azure Active Directory

Users and Groups

Lab: Manage Azure Active Directory Identities

Module 2: Governance and Compliance

Subscriptions and Accounts

Azure Policy

Role-based Access Control (RBAC)

Lab: Manage Subscriptions and RBAC

Lab: Manage Governance via Azure Policy

Module 3: Azure Administration

Azure Resource Manager

Azure Portal and Cloud Shell

Azure PowerShell and CLI

ARM Templates

Lab: Manage Azure resources by Using the Azure Portal

Lab: Manage Azure resources by Using ARM Templates

Lab: Manage Azure resources by Using Azure PowerShell

Lab: Manage Azure resources by Using Azure CLI

Module 4: Virtual Networking

Virtual Networks

IP Addressing

Network Security groups

Azure Firewall

Azure DNS

Lab: Implement Virtual Networking

Module 5: Intersite Connectivity

VNet Peering

VPN Gateway Connections

ExpressRoute and Virtual WAN

Lab: Implement Intersite Connectivity

Module 6: Network Traffic Management

Network Routing and Endpoints

Azure Load Balancer

Azure Application Gateway

Traffic Manager

Lab: Implement Traffic Management

Module 7: Azure Storage

Storage Accounts

Blob Storage

Storage Security

Azure Files and File Sync

Managing Storage

Lab: Manage Azure storage

Module 8: Azure Virtual Machines

Virtual Machine Planning

Creating Virtual Machines

Virtual Machine Availability

Virtual Machine Extensions

Lab: Manage virtual machines

Module 9: Serverless Computing

Azure App Service Plans

Azure App Service

Container Services

Azure Kubernetes Service

Lab: Implement Web Apps

Lab: Implement Azure Container Instances

Lab: Implement Azure Kubernetes Service

Module 10: Data Protection

File and Folder Backups

Virtual Machine Backups

Lab: Implement Data Protection

Module 11: Monitoring

Azure Monitor

Azure Alerts

Log Analytics

Network Watcher

Lab: Implement Monitoring