AZURE FUNDAMENTALS

COURSE INFO [5 DAYS/10 HOURS]

- Describe cloud concepts
- Describe Azure architecture and services
- Describe Azure management and governance

FUNDAMETALS



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ABOUT

Microsoft Azure, often referred to as Azure, is a cloud computing platform operated by Microsoft that provides access, management, and development of applications and services via around the worlddistributed data centers

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PRICE: R10 900 / \$850 / €720 / £700

Full Payment before commencement (no payment plan)

AI FUNDAMENTALS

COURSE INFO [5 DAYS/10 HOURS]

- Describe Artificial Intelligence workloads and considerations
- Describe fundamental principles of machine learning on Azure
- Describe features of computer vision workloads on Azure
- Describe features of Natural Language Processing (NLP) workloads on Azure

PRICE: R10 900 / \$850 / €720 / £700

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AZURE DATA FUNDAMENTALS

COURSE INFO [5 DAYS/10 HOURS]

- Describe core data concepts
- **Identify** considerations for relational data on Azure
- Describe considerations for working with nonrelational data on Azure
- **Describe** an analytics workload on Azure

PRICE: R10 900 / \$850 / €720/£700

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AZURE SECURITY, COMPLIANCE AND IDENTITY FUNDAMENTALS

COURSE INFO [5 DAYS/10 HOURS]

- **Describe** the concepts of security, compliance, and identity
- **Describe** the capabilities of Microsoft identity and access management solutions
- **Describe** the capabilities of Microsoft Security solutions
- **Describe** the capabilities of Microsoft compliance solutions

PRICE: R10 900 / \$850 / €720 / £700

Full Payment before commencement (no payment plan)

Prerequisite: Azure Fundamentals course

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ABOUT

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AZURE DEVELOPER ASSOCIATE

COURSE INFO [5 DAYS - 1MONTH/20 HOURS]

- **Develop** Azure compute solutions
- **Develop** for Azure storage
- Implement Azure security
- Monitor, troubleshoot, and optimize Azure solutions
- Connect to and consume Azure services and thirdparty services

PRICE: R16 900 / \$1100 / €1000/ £900

Full Payment before commencement (no payment plan)

ASSOCIATE LEVEL



ABOUT

Azure integrates the cloud services that you need to develop, test, deploy, and manage your applications, all while taking advantage of the efficiencies of cloud computing. By hosting your applications in Azure, you can start small and easily scale your application as your customer demand grows

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AZURE ADMINISTRATOR ASSOCIATE

COURSE INFO [5 DAYS - 1MONTH/20 HOURS]

- Manage Azure identities and governance
- Implement and manage storage
- Deploy and manage **Azure** compute resources
- Configure and manage virtual networking
- Monitor and maintain Azure resources

PRICE: R16 900 / \$1100 / €1000/ £900

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ASSOCIATE LEVEL



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ABOUT

An Azure administrator often serves as part of a larger team dedicated to implementing an organization's cloud infrastructure. Azure administrators also coordinate with other roles to deliver Azure networking, security, database, application development, and DevOps solutions.

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Prerequisite: Azure Fundamentals course

AZURE DATABASE ADMINISTRATOR ASSOCIATE

COURSE INFO [5 DAYS - 1MONTH/20 HOURS]

- Plan and implement data platform resources
- Implement a secure environment
- Monitor, configure, and optimize database resources
- Configure and manage automation of tasks
- Plan and configure a high availability and disaster recovery (HA/DR) environment

PRICE: R16 900 / \$1100 / €1000/ £900

Full Payment before commencement (no payment plan)

ASSOCIATE LEVEL



ABOUT

These professionals are responsible for management, availability, security, and performance monitoring and optimization of database solutions. They evaluate and implement migration strategies for moving databases between Azure and on-premises.

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AZURE SECURITY ENGINEER ASSOCIATE

COURSE INFO [5 DAYS - 1MONTH/20 HOURS]

- Manage identity and access
- Secure networking
- Secure compute, storage, and databases
- Manage security operations

PRICE: R16 900 / \$1100 / €1000/ £900

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ASSOCIATE LEVEL



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ABOUT

The Azure security engineer implements, manages, and monitors security for resources in Azure, multicloud, and hybrid environments as part of an end-to-end infrastructure. They recommend security components and configurations to protect identity & access, data, applications, and networks.

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AZURE NETWORK ENGINEER ASSOCIATE

COURSE INFO [5 DAYS - 1MONTH/20 HOURS]

- Design and implement core networking infrastructure
- Design, implement, and manage connectivity services
- **Design** and implement application delivery services
- **Design** and implement private access to Azure services
- Secure network connectivity to Azure resources

PRICE: R16 900 / \$1100 / €1000/ £900

Full Payment before commencement (no payment plan)

ASSOCIATE LEVEL



ABOUT

An Azure Network engineer designs and implements core Azure networking infrastructure, hybrid networking connections, load balance traffic, network routing, private access to Azure services. network security and monitoring.

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AZURE DATA ENGINEER ASSOCIATE

COURSE INFO [2 MONTHS/40 HOURS]

- · Learn Azure for the Data Engineer.
- · Understand the evolving world of data.
- Survey the services on the Azure Data platform.
- **Identify** the tasks of a data engineer in a cloud-hosted architecture.
- Store data in AzureIn turn Choose a data storage approach in
- · Create an Azure Storage account.
- Connect an app to Azure Storage & Secure your Azure Storage account. Store application data with Azure Blob
- Work with relational data in Azure & Provision an Azure SQL database to store application data.
- Migrate your relational data stored in SQL Server to Azure SOL Database.
- Introduction to Azure Database for PostgreSQL & Scale multiple Azure SQL Databases with SQL elastic pools.
- Secure your Azure SQL Database & Develop and configure an ASP.NET application that gueries an Azure SQL database.
- Work with NoSQL data in Azure Cosmos DB & Create an Azure Cosmos DB database built to scale.
- Choose the appropriate API for Azure Cosmos DB.Insert and query data in your Azure Cosmos DB database.
- Store and access graph data in Azure Cosmos DB with the
- Store and Access NoSQL Data with Azure Cosmos DB and the Table API.
- Build a .NET Core app for Azure Cosmos DB in Visual Studio Code.Optimize the performance of Azure Cosmos DB by using partitioning and indexing strategies.
- Distribute your data globally with Azure Cosmos DB.Large-Scale Data Processing with Azure Data Lake Storage Gen2.
- Introduction to Azure Data Lake storage.
- Upload data to Azure Data Lake Storage. Secure your Azure Storage account.

PRICE: R28 800 / \$1800 / €1600 / £1500

Full Payment before commencement (no payment plan)

ASSOCIATE LEVEL



ABOUT

The Azure Data Engineer is responsible for building, implementing and supporting Microsoft BI solutions to meet market and/or client requirements. They apply knowledge of technologies, applications, methodologies, processes and tools to support a client, project or entity.

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AZURE AI ENGINEER ASSOCIATE

COURSE INFO [2 MONTHS/40 HOURS]

- Evaluate text with Azure Cognitive Language Services.
- · Classify and moderate text with Azure Content Moderator
- Add conversational intelligence to your apps by using Language Understanding Intelligent Service (LUIS).
- Features of computer vision workloads on Azure.
- Discover sentiment in text with the Text Analytics API.I
- Process and Translate Speech with Azure Cognitive Speech Services.
- Transcribe speech input to text.
- Synthesize Text Input to Speech.
- Translate speech with the speech service.
- Create Intelligent Bots with the Azure Bot Service.
- Build a bot with QnA Maker and Azure Bot Service.
- Process and classify images with the Azure cognitive vision services.
- Identify faces and expressions by using the Computer Vision API in Azure Cognitive Services.
- Process images with the Computer Vision service.
- · Classify images with the Microsoft Custom Vision Service.
- Evaluate the requirements for implementing the Custom Vision APIs.
- Extract insights from videos with the Video Indexer service.

PRICE: R28 800 / \$1800 / €1600 / £1500

Full Payment before commencement (no payment plan)

ASSOCIATE LEVEL



ABOUT

Azure Al engineers have experience developing solutions that use languages such as Python or C# and should be able to use REST-based APIs and software development kits (SDKs) to build secure image processing, video processing, natural language processing (NLP), knowledge mining, and conversational AI solutions on Azure

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AZURE STACK HUB

COURSE INFO [2 DAYS - 5 DAYS/10 HOURS]

- Plan and deploy Azure Stack Hub
- Provide services
- Manage infrastructure

OPERATOR ASSOCIATE

Microsoft CERTIFIED AZURE STACK HUR **OPERATOR ASSOCIATE** Get internationally accredited & recognized in under 3 months! nternational exam - additional in price:

ASSOCIATE LEVEL

ABOUT

Azure Stack Hub operators responsibilities include planning, deploying, packaging, updating, and maintaining the Azure Stack Hub infrastructure. They also offer hybrid cloud resources and requested services and manage infrastructure as a service (laaS) and platform as a service (PaaS).

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Prerequisite: Azure Fundamentals course

AZURE DATA SCIENTIST ASSOCIATE

COURSE INFO [4 MONTHS/80 HOURS]

- Implement a machine learning solution for a given data problem.
- Learn advanced Python or programming in R and Data Analysis to implement computer science algorithms.
- Design and Implement a Data Science Solution on
- · Build AI solutions with Azure Machine Learning.
- · Azure Machine Learning tools and interfaces.
- Train a machine learning model with Azure Machine Learning.
- · Learn Azure Machine Learning estimators.
- Work with Data in Azure Machine Learning
- · Introduction to compute targets and environments.
- Consume machine learning with pipelines.
- Pass data between pipeline steps.
- Deploy machine learning models with Azure Machine Learning.
- Deploy models as a real-time service.
- Consume real-time inferencing service & Troubleshooting.
- Automate machine learning model selection with Azure Machine Learning.
- Automate machine learning tasks and algorithms.
- Preprocessing and featurization.
- · Run automated machine learning experiments.

ASSOCIATE LEVEL PREREQUISITE OPTION 1:

Azure Data Fundamentals



ABOUT

Creating a suitable working environment for data science workloads; exploring data; training machine learning models; implementing pipelines; running jobs to prepare for production; and managing, deploying, and monitoring scalable machine learning solutions.

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PRICE: R43 600 / \$2400 / €2400 / £2000

Full Payment before commencement (no payment plan)

POWER BI DATA ANALYST ASSOCIATE

COURSE INFO [2 MONTHS/40 HOURS]

- Get started with Microsoft data analytics
- Prepare data for analysis
- Model data in Power BI
- **Design** a data model in Power BI
- Introduction to creating measures using DAX in Power BI
- Optimize a model for performance in Power BI
- Visualize data in Power Bl
- Add Python or R Visual
- Work with Power BI visuals
- Create a data-driven story with Power BI reports
- Create dashboards in Power BI
- Create paginated reports
- Data analysis in Power BI
- Perform analytics in Power BI
- Work with AI visuals in Power BI

ASSOCIATE LEVEL PREREQUISITE OPTION 1:

Azure data fundamentals



As a data analyst, you use your expertise with Microsoft Power BI to help businesses maximize the value of their data assets. Plus, you're a subject matter expert responsible for designing and building scalable data models, cleaning and transforming data, and enabling advanced

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analytic capabilities.



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AZURE ENTERPRISE DATA ANALYST ASSOCIATE

COURSE INFO [2 MONTHS/40 HOURS]

- Implement and manage a data analytics environment
- Query and transform data
- Implement and manage data models
- Explore and visualize data

ASSOCIATE LEVEL PREREOUISITE OPTION 1:

Azure data fundamentals



ABOUT

As a data analyst, you use your expertise with Microsoft Power BI to help businesses maximize the value of their data assets. Plus, you're a subject matter expert responsible for designing and building scalable data models, cleaning and transforming data, and enabling advanced analytic capabilities.

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SECURITY OPERATIONS ANALYST ASSOCIATE

COURSE INFO [2 MONTHS/40 HOURS]

- Mitigate threats using Microsoft 365 Defender
- Mitigate threats using Microsoft Defender for Cloud
- Mitigate threats using Microsoft Sentinel

ASSOCIATE LEVEL



ABOUT

A security operations analyst works with a company, organization, or government office to identify and reduce security risks to their computer network.

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IDENTITY AND ACCESS ADMINISTRATOR ASSOCIATE

COURSE INFO [1 MONTH/20 HOURS]

- Implement identities in Azure AD
- Implement authentication and access management
- Implement access management for applications
- Plan and implement identity governance in Azure AD

ASSOCIATE LEVEL



ABOUT

The identity and access administrator provides seamless experiences and selfservice management capabilities for all users. They ensure that identity is verified explicitly to support Zero Trust principles.

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PRICE: R18 900 / \$1100 / €1000 / £900

Full Payment before commencement (no payment plan)

Prerequisite: Azure Security Operations Analyst Associate course

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DEVOPS ENGINEER EXPERT COURSE

COURSE INFO

[5 DAYS - 1MONTH/20 HOURS]

- **Develop** an instrumentation strategy.
- Learn to Develop a Site Reliability Engineering (SRE) strategy.
- Develop a security and compliance plan.
- Manage source control.
- Facilitate communication and collaboration.
- **Define** and implement continuous integration.
- **Defin**e and implement a continuous delivery and release management strategy.

PRICE: R18 900 / \$1100 / €1000/ £900

Full Payment before commencement (no payment plan)

EXPERT LEVEL

PREREQUISITE OPTION 1:

Azure Administrator Associate

PREREQUISITE OPTION 2:

Azure Developer Associate



ABOUT

A DevOps engineer introduces processes, tools, and methodologies to balance needs throughout the software development life cycle, from coding and deployment, to maintenance and updates

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SOLUTIONS ARCHITECT EXPERT COURSE

COURSE INFO [5 DAYS - 1MONTH/20 HOURS]

- Design identity, governance, and monitoring solutions
- Design data storage solutions
- **Design** business continuity solutions
- Design infrastructure solutions

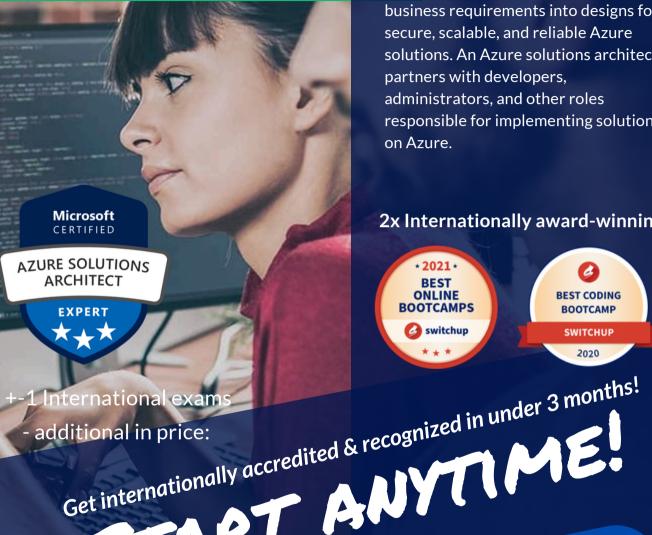
PRICE: R18 900 / \$1100 / €1000 / £900

Full Payment before commencement (no payment plan)

EXPERT LEVEL

PREREQUISITE OPTION 1:

Azure Administrator Associate



ABOUT

Responsibilities for this role include advising stakeholders and translating business requirements into designs for secure, scalable, and reliable Azure solutions. An Azure solutions architect partners with developers. administrators, and other roles responsible for implementing solutions on Azure.

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CYBERSECURITY ARCHITECT EXPERT COURSE

COURSE INFO [5 DAYS - 1MONTH/20 HOURS]

- **Design** a Zero Trust strategy and architecture
- Evaluate Governance Risk Compliance (GRC) technical strategies and security operations strategies
- **Design** security for infrastructure
- **Design** a strategy for data and applications
- **Recommend** security best practices and priorities

PRICE: R18 900 / \$1100 / €1000 / £900

Full Payment before commencement (no payment plan)

EXPERT LEVEL

PREREQUISITE OPTION 1:

Azure Security Engineer Associate

PREREQUISITE OPTION 2:

Security Operations Analyst Associate



ABOUT

The job of cybersecurity architect is a senior-level position responsible for planning, designing, testing, implementing and maintaining an organization's computer and network security infrastructure.

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MICROSOFT CERTIFICATION ROUTE OPTIONS

