Microsoft 365 Certified: Fundamentals

Demonstrate understanding of Microsoft 365, to deliver industry-leading productivity apps along with intelligent cloud services, and world-class security.

Level
Beginner

Role
Administrator

Product
Office 365

Last Updated
01/22/2024

This certification is designed for you, if you're looking to demonstrate foundational-level knowledge of cloud-based solutions to facilitate productivity and collaboration among on-site, remote, and hybrid workers. As a candidate, you may:

- Have knowledge of cloud-based solutions.
- Be new to Microsoft 365.

You can use this certification to prepare for other Microsoft certifications, but it's not a prerequisite for the related ones.

As a candidate, you should be able to recommend Microsoft 365 solutions that address common organizational IT challenges. You should understand how Microsoft 365 solutions:

- Improve productivity.
- Facilitate collaboration.
- Optimize communications.
- Help secure data.
- Identity and facilitate compliance.

You should be able to recommend solutions for:

- Endpoint and application management
- Desktop virtualization
- Automated operating system deployment
- Reporting and analytics

CERTIFICATION

Microsoft Certified: Azure Enterprise Data Analyst Associate

Demonstrate methods and practices for performing advanced analytics at scale with Microsoft Purview, Microsoft Azure Synapse Analytics, and Microsoft Power BI.

Level
Intermediate

Role
Data Analyst

Renewal Frequency
12 months

Product
Power BI

Subject
Data and AI

Last Updated
01/30/2024

As a candidate for this certification, you should have subject matter expertise in designing, creating, and deploying enterprise-scale data analytics solutions.

Your responsibilities for this role include performing advanced data analytics at scale, such as:

- Cleaning and transforming data.
- Designing and building enterprise data models.
- Incorporating advanced analytics capabilities.
- Integrating with IT infrastructure.
- Applying development lifecycle practices.

As a professional in this role, you:

- Help collect enterprise-level requirements for data analytics solutions that include Azure and Power BI.
- Advise on data governance and configuration settings for Power BI administration.
- Monitor data usage.
- Optimize performance of the data analytics solutions.

As an Azure enterprise data analyst, you collaborate with other roles, such as:

- Solution architects
- Data engineers
- Data scientists
- AI engineers
- Database administrators
- Power BI data analysts

As a candidate for this certification, you should have advanced Power BI skills, including managing data repositories and data processing in the cloud and on-premises, along with using Power Query and Data Analysis Expressions (DAX). You should also be proficient in consuming data from Azure Synapse Analytics and should have experience querying relational databases, analyzing data by using Transact-SQL (T-SQL), and visualizing data.

Skills measured

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

Microsoft Certified: Azure Fundamentals

Demonstrate foundational knowledge of cloud concepts, core Azure services, plus Azure management and governance features and tools.

Level

Beginner

Role

Administrator

Last Updated

01/23/2024

Product

Azure

Subject

Data and AI

As a candidate for this certification, you're a technology professional who wants to demonstrate foundational knowledge of cloud concepts in general and Microsoft Azure in particular. This certification is a common starting point in a journey towards a career in Azure.

You can describe Azure architectural components and Azure services, such as:

- Compute
- Networking
- Storage

You can also describe features and tools to secure, govern, and administer Azure.

You should have skills and experience working with an area of IT, such as:

- Infrastructure management
- Database management
- Software development

Skills measured

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

CERTIFICATION

Microsoft Certified: Azure Administrator Associate

Demonstrate key skills to configure, manage, secure, and administer key professional functions in Microsoft Azure.

Level
Intermediate

Product
Azure

Role
Administrator

Subject
Data and AI

Renewal Frequency
12 months

Last Updated
10/26/2023

As a candidate for this certification, you should have subject matter expertise in implementing, managing, and monitoring an organization's Azure environment, including:

- Virtual networks
- Storage
- Compute
- Identity
- Security
- Governance

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

You should be familiar with:

- Operating systems
- Networking
- Servers
- Virtualization

In addition, you should have experience with:

- PowerShell
- Azure CLI
- The Azure portal
- Azure Resource Manager templates
- Microsoft Entra ID

Skills measured

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