



Microsoft Azure 304 Training Certification

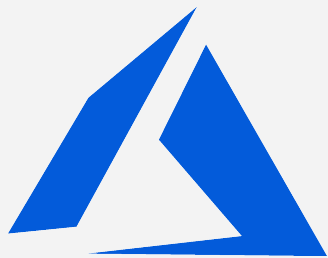


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About the Program

Microsoft Azure 304 Certification is professionally designed by industry experts to help pupils make their careers as Microsoft Azure Solutions Architects, who are experts in designing and implementing Azure solutions while considering crucial aspects of Azure, including network, compute, storage and security. They can translate their organizational requirements into effective and reliable cloud solutions and can advise key stakeholders.

Azure 304 Certification Training is an advanced course designed for professionals that helps learners in preparing for a career and acing it in the Azure Cloud Solutions Architect field. Master in controlling and running Azure resources, configuration and deployment of virtual machines & infrastructure, implementation of security & workload, giving cognitive services solutions, and developing Azure & cloud storage.

Key Training Features

-  Ask Questions Real-Time and Interact with the Trainer Live
-  Learner assistance and support - 24x7x365
-  Flexible classes
-  High-quality content created by industry experts
-  Professionally designed Student Training Material
-  High-Quality Audio-Video Lectures
-  Lifetime Training Access
-  Assessments



Training Options

- Self-paced Training
- Live Virtual Classes
- One on One Training

Why Azure 304?

- Higher Paying Opportunities
- Gain Knowledge and Credibility
- Stand Out Among the Ordinary
- Knowledge of Azure 304 Best Practices
- Better Career Growth & Job Opportunities
- Better ROI with Flexibility
- Sharpen your IT Skillset

What will you learn?

- Azure Design Monitoring
- Designing Identity and Security in Azure
- Designing business continuity in Azure
- Designing data storage in Azure
- Designing infrastructure



Career Option with Salary Compensation

Solutions Architect

- Minimum - \$75,000
- Avg Salary - \$120,000
- Maximum - \$161,000

Design Architect

- Minimum - \$46,000
- Avg Salary - \$62,000
- Maximum - \$105,000

Key Account Manager

- Minimum - \$49,000
- Avg Salary - \$74,000
- Maximum - \$111,000

Senior Solutions Architect

- Minimum - \$102,000
- Avg Salary - \$137,000
- Maximum - \$172,000

Developer

- Minimum - \$55,000
- Avg Salary - \$80,000
- Maximum - \$118,000



Target Audience

- Help Desk Technician
- Junior System Engineer
- Junior Network Administrator
- Computer Technician
- Network Field Engineer
- System Engineer
- IS Consultant
- Network Field Technician
- Network Support Specialist
- Network Analyst



Prerequisites

There are certainly no prerequisites for the Microsoft Azure Solutions Architects, but Wissenhive recommends at least having one of the following:

- General knowledge of IT architecture
- Proficiency in at least one domain Azure development, Azure administration, or DevOps



Course Details

Wissenhive's Azure 304 will allow individuals to enhance their skills and gain advanced knowledge in virtualization, networking, security, identity, disaster recovery, business continuity, budgeting, data platforms, and governance.

In this course, students learn about the detailed concept of Azure 304 solutions, which includes

- Design Monitoring, including cost optimization, logging, and monitoring solution
- Designing Identity and security, including authentication, authorization, governance, and security for applications.
- Creating databases, data integration, and data storage
- Designing Business Continuity with high availability, backup, and recovery.
- Building infrastructure (compute solution, network solution, migrations, and application architecture)



Course Curriculum:

1. Detailed Introduction of the certification

2. **Design Monitoring**
 - Azure Cost Management and Azure Cost Calculator
 - Minimize Compute Costs
 - Minimize Storage Costs
 - Minimize Identity Costs
 - Minimize Network Costs
 - Monitoring strategy and compliance strategy
 - Azure Application Insights
 - Azure monitoring Service
 - Achieving compliance with Azure Policy
 - SEIM



Course Curriculum:

3. Design Identity and Security

- Introduction to Identities
- What is an Access Control
- Azure Active Directory
- Azure AD on Lightboard
- Authentication and Authorization
- Options Available in Azure AD authentication
- Authentication, Authorization and their protocols
- SSO and MFA
- OpenID and OAUTH2
- Azure AD Connect and Monitoring Azure AD
- Azure AD B2B and Azure AD B2C
- Choosing the right authentication method
- Azure Management Groups
- Azure Subscriptions and their usage
- RBAC Concepts and Roles
- Azure AD Roles and Permissions
- Role Definitions with Powershell
- RBAC Hierarchical Structure
- Security and Risk Management for Identities
- Monitoring in PIM and Azure Identity Protection
- Azure AD Identity Protection
- Privileged Identity Management (PIM)
- Azure AD Password Protection
- Just in Time (JIT) Access
- Meeting Compliance with Azure Policy
- Organization Resources
- Meeting Compliance with Azure Policy
- Azure AD Managed Identities
- Azure Blueprints
- Azure Key Vault



Course Curriculum:

4. Design Data Storage

- Storage Fundamentals
- Azure StorSimple
- Building Azure SQL Database
- SQL Datawarehouse
- CosmosDB
- SQL Datawarehouse
- Azure Data Lake Storage
- Azure Data Factory
- Data Flow Introduction
- Azure DataBricks
- Azure Storage
- Azure Storage account
- Storage types
- Creating Storage Account
- Azure storage explorer
- Storage performance tiers
- Azure Blob Containers
- Files VS Blobs
- Storage security
- Shared access signatures
- Authorization options
- Shared access signatures



Course Curriculum:

5. Design Business continuity

- Introduction to Site recovery
- Azure Site Recovery: Replication
- Design for Archival - Introduction
- Azure Site Recovery: Backup
- Design for Archival - Fundamentals of Archival
- High Availability - Introduction
- Concepts of High Availability
- High Availability for Connectivity
- High Availability for Azure Data Centers
- High Availability for Azure Storage

6. Design Infrastructure

- Deployment Migration and Integration
- Deployment Strategies
- Azure Resource Manager Templates
- Azure Automation
- Fundamentals of Data protection
- Azure SQL Data Network Security
- Azure SQL Data protection
- Data protection for Azure data warehouse
- Data protection for COsmosDB
- Azure ImportExport Service
- Migration Introduction
- Migration Fundamentals



[Contact us](#)

DREAM BIG IT SOLUTION INDIA PVT LTD

Noida

B-115, B Block, Sector 2,
Noida, Uttar Pradesh-201301

If you have any further questions or would like to chat with us, give us a call

IND +91 9368569359 **US** +1 (908)-(952)-(2400)



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