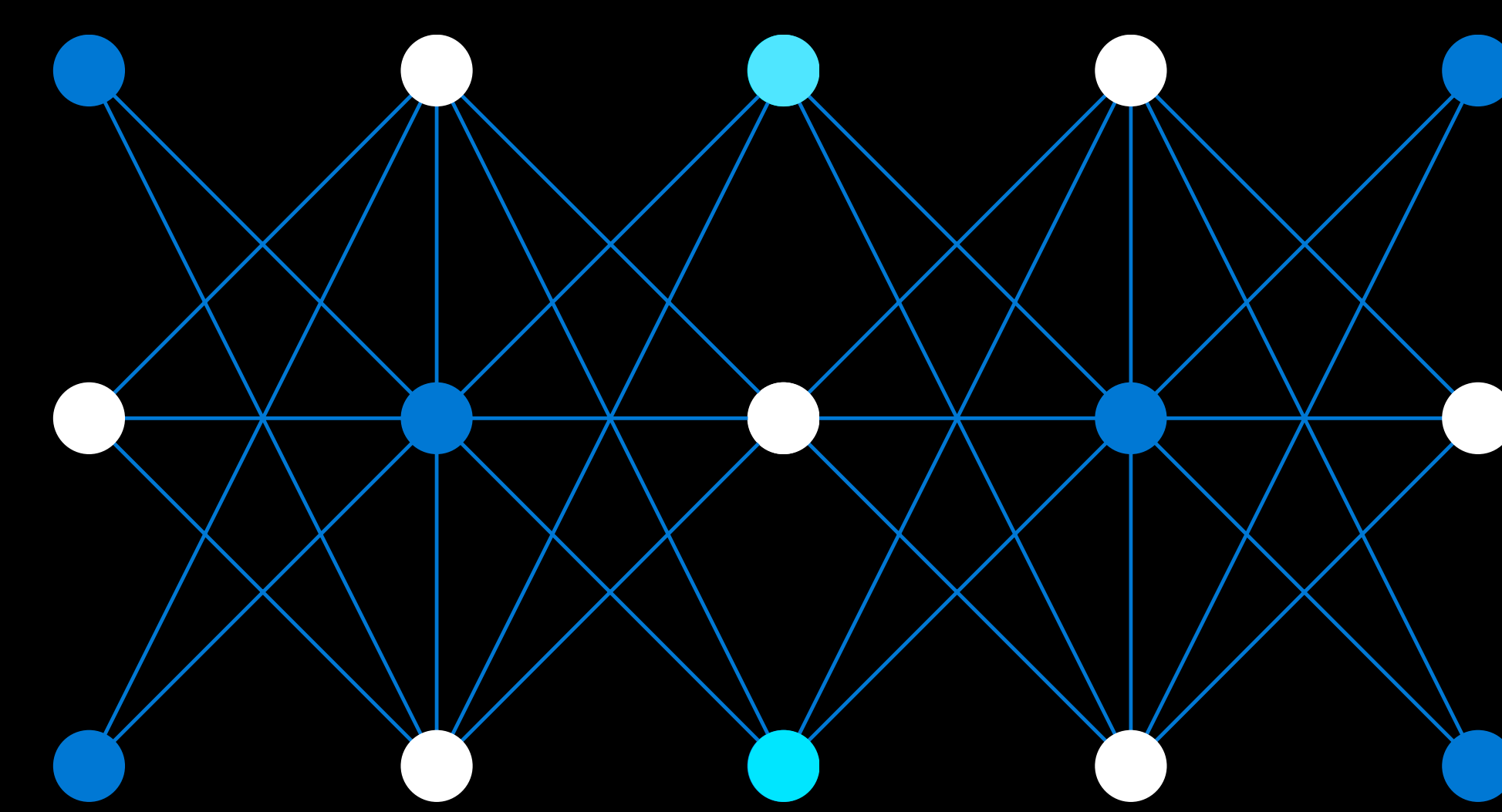


Learning path for Azure Solutions Architect

Master the skills needed to design solutions that run on Azure. A Microsoft Azure Solutions Architect must have expertise in compute, network, storage, and security.



aka.ms/AzureArchitectLearning



Classroom

Deploying and Configuring Infrastructure
AZ-300T01

Implementing Workloads and Security
AZ-300T02

Understanding Cloud Architect Technology Solutions
AZ-300T03

Creating and Deploying Apps
AZ-300T04

Developing for the Cloud
AZ-300T06



Exam AZ-300: Microsoft Azure Architect Technologies

Digital skilling: free interactive training content on Microsoft Learn



Azure fundamentals

9H 35M - 12 Modules

1. Principles of cloud computing
2. Introduction to Azure
3. Azure architecture and service guarantees
4. Create an Azure account
5. Manage services with Azure portal
6. Azure compute options
7. Azure data storage options
8. Azure networking options
9. Security, responsibility and trust in Azure
10. Apply and monitor infrastructure standards with Azure Policy
11. Control and organize Azure resources with Azure Resource Manager
12. Predict costs and optimize spending for Azure



Manage resources in Azure

4H 15M - 5 Modules

1. Align requirements with cloud types and service models in Azure
2. Control Azure services with the CLI
3. Automate Azure tasks using scripts with PowerShell
4. Predict costs and optimize spending for Azure
5. Control and organize Azure resources with Azure Resource Manager



Architect great solutions in Azure

4H 17M - 5 Modules

1. Pillars of a great Azure architecture
2. Design for security in Azure
3. Design for performance and scalability in Azure
4. Design for efficiency and operations in Azure
5. Design for availability and recoverability in Azure



Extract knowledge and insights from your data with Azure Databricks

4H 21M - 6 Modules

1. Introduction to Azure Databricks
2. Read and write data by using Azure Databricks
3. Perform exploratory data analysis with Azure Databricks
4. Train, evaluate, and select machine-learning models with Azure Databricks
5. Deep learning with Azure Databricks
6. Perform text analytics with Azure Databricks



Perform data engineering with Azure Databricks

7H 49M - 9 Modules

1. Introduction to Azure Databricks
2. Access SQL Data warehouse instances with Azure Databricks
3. Data ingestion with Azure data factory
4. Read and write data using Azure Databricks
5. Perform basic data transformations in Azure Databricks
6. Perform advanced data transformation in Azure Databricks
7. Create data pipelines using Databricks Delta
8. Work with streaming data in Azure Databricks
9. Create data visualizations using Azure Databricks and Power BI

Become a Microsoft Certified Professional

Certification helps establish your credentials with current and future employers.

Pass certification exams [AZ-300](#) and [AZ-301](#) to become a Microsoft Certified: Azure Solutions Architect Expert.

Classroom

Designing for Identity and Security
AZ-301T01

Designing a Data Platform Solution
AZ-301T02

Designing for Deployment, Migration, and Integration
AZ-301T03

Designing an Infrastructure Strategy
AZ-301T04



Exam AZ-301: Microsoft Azure Architect Design

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