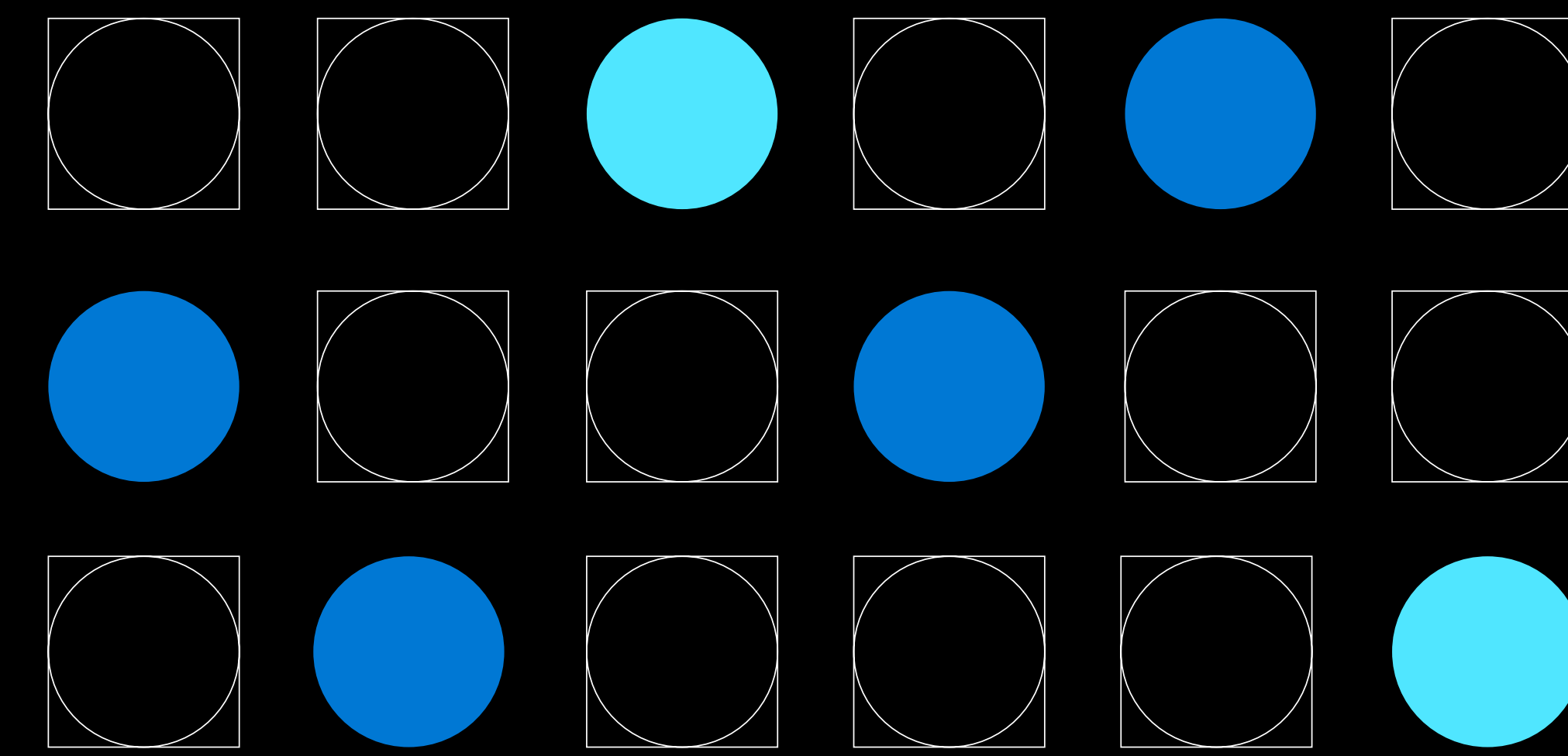# Learning path for Azure Administrator

An Azure Administrator is responsible for implementing, monitoring, and maintaining Microsoft Azure solutions, including major services related to compute, storage, network, and security.

aka.ms/AzureAdminLearning

Microsoft Azure Administrator
AZ-103T00

Exam AZ-103:
Microsoft Azure Administrator

Secure your cloud data

6H 45M - 8 Modules

1. Design for security in Azure
2. Top 5 security items to consider before pushing to production
3. Secure your Azure Storage account
4. Manage secrets in your server apps with Azure Key Vault
5. Authenticate browser-based apps with Azure App Services
6. Secure your Azure resources with conditional access
7. Secure your Azure resources with role-based access control (RBAC)
8. Secure your Azure SQL Database

Administer infrastructure resources in Azure

9H 34M - 10 Modules

1. Introduction to Azure virtual machines
2. Create a Linux virtual machine in Azure
3. Create a Windows virtual machine in Azure
4. Manage virtual machines with the Azure CLI
5. Keep your virtual machines updated
6. Configure the network for your virtual machines
7. Build Azure Resource Manager templates
8. Add and size disks in Azure virtual machines
9. Caching and performance in Azure storage disks
10. Secure your Azure virtual machine disks

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

Administer containers in Azure

3H 20M - 4 Modules

1. Build a containerized web application with Docker
2. Build and store container images with Azure Container Registry
3. Run Docker containers with Azure Container Instances
4. Deploy and run a containerized web app with Azure App Service

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