Develop AI cloud solutions on Azure (AI-200T00)

ID AI-200T00 **Price** CHF 2,590.—(excl. VAT) **Duration** 5 days

Who should attend

This course is designed for developers who build backend and AI?driven applications on Azure and need practical skills in containerized compute, data services for AI, event?driven workflows, and application security and monitoring.

This course is part of the following Certifications

Microsoft Certified: Azure AI Cloud Developer Associate (beta) (AAICDA)

Course Content

Implement container application hosting on Azure

- Store and manage containers in Azure Container Registry
- Deploy containers to Azure App Service

Deploy and manage apps on Azure Container Apps

- Deploy containers to Azure Container Apps
- Manage containers in Azure Container Apps
- Scale containers in Azure Container Apps

Deploy and monitor applications on Azure Kubernetes Service

- Deploy applications to Azure Kubernetes Service
- Configure applications on Azure Kubernetes Service
- Monitor and troubleshoot applications on Azure Kubernetes Service

Develop AI solutions with Azure Cosmos DB for NoSQL

- Build queries for Azure Cosmos DB for NoSQL
- Implement vector search on Azure Cosmos DB for NoSQL
- Optimize query performance for Azure Cosmos DB for NoSQL

Develop AI solutions with Azure Database for PostgreSQL

- Build and query with Azure Database for PostgreSQL
- Implement vector search with Azure Database for PostgreSQL
- Optimize vector search in Azure Database for PostgreSQL

Enhance AI solutions with Azure Managed Redis

- Implement data operations in Azure Managed Redis
- Implement event messaging with Azure Managed Redis
- Implement vector storage in Azure Managed Redis

Integrate backend services for AI solutions

- Queue and process AI operations with Azure Service Bus
- Develop event-driven AI workflows with Azure Event Grid
- Build serverless AI backends with Azure Functions

Manage application secrets and configuration for AI solutions

- Manage application secrets with Azure Key Vault
- Manage application settings with Azure App Configuration

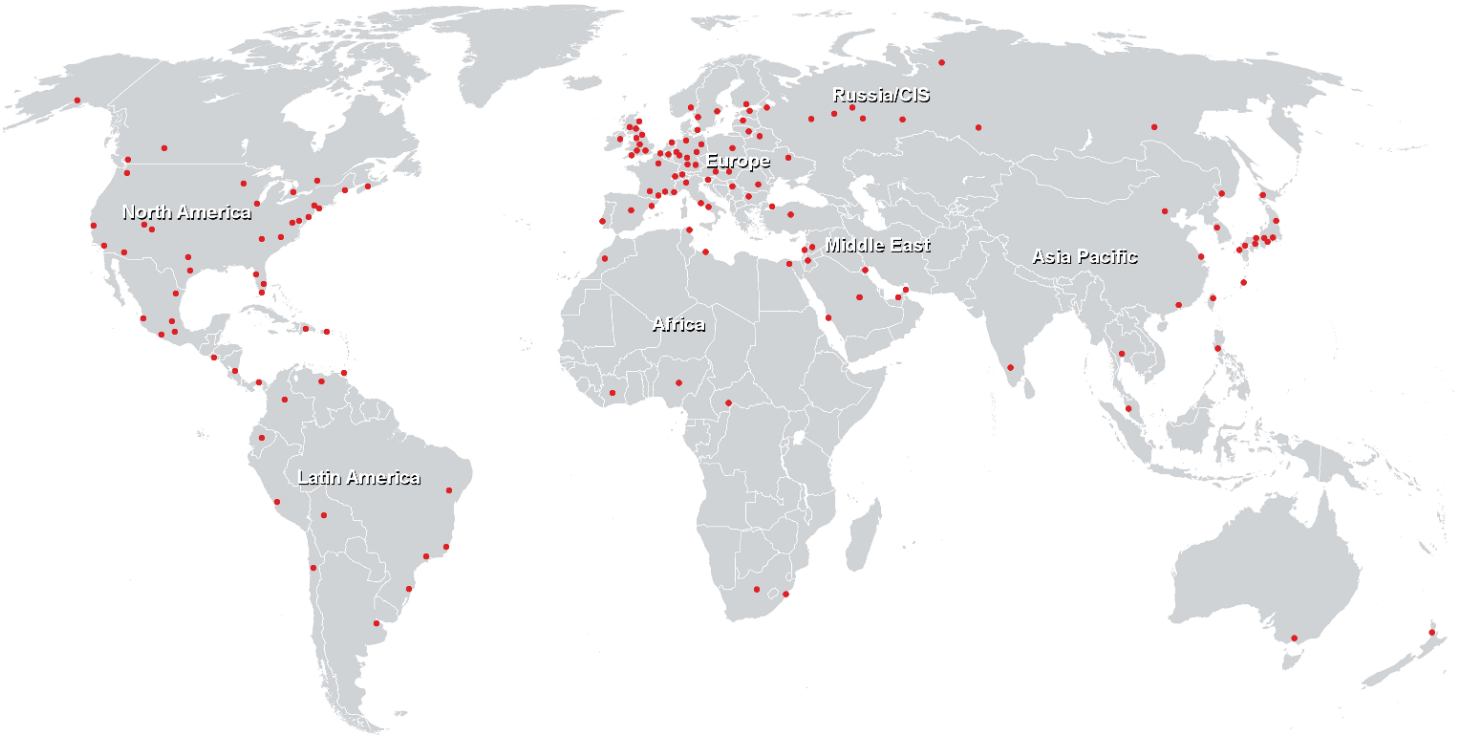
Observe and troubleshoot apps on Azure

- Instrument an app with OpenTelemetry
- Analyze app telemetry with logs and metrics

Develop AI cloud solutions on Azure (AI-200T00)

Microsoft Solutions Partner
Microsoft Cloud Training Services

Training Centres worldwide





Fast Lane Institute for Knowledge Transfer (Switzerland) AG

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, https://www.flane.ch