

Szkolenie: Google Cloud Deploying and Managing Windows Workloads on Google Cloud



Cel szkolenia:

This course teaches you about deploying and managing Microsoft Windows® workloads on Google Cloud. This course uses lectures and hands-on labs to show you how to plan and configure Microsoft Windows Server and Microsoft SQL Server in Google Cloud. You will configure identity solutions including Managed Service for Microsoft Active Directory, deploy Windows workloads to Compute Engine and Google Kubernetes Engine, and learn to manage and operate Windows workloads with Cloud Console, Cloud Logging, and Cloud Monitoring.

What you'll learn

- Plan and configure Identity Management in Google Cloud
- Deploy Microsoft Windows workloads in Google Cloud
- Deploy SQL Server workloads in Google Cloud
- Automate the deployment of cloud environments for Windows workloads
- Manage and operate Microsoft Windows workloads in Google Cloud

Who this course is for:

- Google Cloud Customers
- Partners
- Googlers

Plan szkolenia:

- Introducing Windows workloads on Google Cloud
 - Overview of Google Cloud
 - Options for Windows Workloads
 - Windows Licencing in Google Cloud
- Identity for Windows workloads
 - Overview of Cloud Identity
 - Cloud Directory Sync
 - Authentication Best Practices
- Migrating Windows Application VMs

- Migration types
- Choosing VMs to migrate
- Migrate for Compute Engine
- Migration Waves
- SQL Server on GCE
- HA for SQL Server
- Automating Deployments of Windows Workloads
 - Infrastructure as code
 - Terraform
 - Cloud Marketplace
- Optimizing costs for Windows Applications
 - Custom machines
 - Premium images
 - Patch management
 - Sole tenants
 - SQL Server on Linux
- Modernizing with Managed Services
 - Introduction to Cloud SQL
 - Deploying SQL Server on Cloud SQL
 - Maintenance and backups on Cloud SQL
 - Managed Service for Microsoft Active Directory
- Modernizing with Containers
 - Introduction to containers
 - Windows containers on GCE
 - Introduction to GKE
 - Creating a GKE cluster with Windows nodes
 - Migrate for Anthos
- Cloud Operations with Windows Workloads
 - Introduction to Operations Suite
 - Introduction to Monitoring
 - Compute Engine monitoring
 - Cloud SQL monitoring
 - GKE monitoring
 - Introduction to Logging

Wymagania:

To get the most out of this course, participants should have:

- System-operator or administrator experience with Microsoft Windows
- General familiarity with Google Cloud
- Completed the Google Cloud Fundamentals: Core Infrastructure for Windows Workloads

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by Google Cloud Platform

Prowadzący:

Authorized Google Cloud Platform Trainer