Training: Microsoft

AZ-2001: Implement security through a pipeline using Azure DevOps

Microsoft Partner

TRAINING GOALS:

This learning path helps you prepare for the Implement security through a pipeline assessment using Azure DevOps. Learn how to configure and secure Azure Pipelines. Skills include configuring secure access to pipeline resources, configuring and validating permissions, configuring a project and repository structure, extending a pipeline, configuring pipelines to use variables and parameters securely, and managing identity for projects, pipelines, and agents.

Audience Profile:
This course is designed for Azure DevOps professionals, developers, security engineers, and DevOps engineers who want to implement security through a pipeline using Azure DevOps.

Skills earned upon completion:

- Implement security through a pipeline using Azure DevOps

CONSPECT:

- Implement security through a pipeline using Azure DevOps
  - Module 1: Configure a project and repository structure to support secure pipelines
  - Module 2: Configure secure access to pipeline resources
  - Module 3: Manage identity for projects, pipelines, and agents
  - Module 4: Configure and validate permissions
  - Module 5: Extend a pipeline to use multiple templates
  - Module 6: Configure secure access to Azure Repos from pipelines
  - Module 7: Configure pipelines to securely use variables and parameters

REQUIREMENTS:

- An Azure Subscription (bring your own)
- Basic knowledge of Azure DevOps

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- Basic knowledge of security concepts like identities and permissions
- Experience using the Azure portal to create resources like Azure Key Vault and set permissions

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion). This course is not directly mapped to a Microsoft certification exam.

TRAINER:

Microsoft Certified Trainer (MCT)

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