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

Duration: 1 day
Audience: Professionnel TI

Who is this training for?

- Administrators
- Developers
- DevOps engineers
- Security engineers, and security operations analysts.

Training objectives

- Configure a project and repository structure to support secure pipelines
- Build text analytics solutions using pre-configured features
- Train models for custom language solutions, including named entity recognition
- Understand, synthesize, and translate speech

Summary

Applied Skills training courses are designed to validate specific skills by being oriented towards real-world scenarios. They offer a targeted alternative to traditional role-based certifications, with a focus on applying technical skills in real-world business situations. This learning lab helps you prepare for the Implement security through a pipeline using Azure DevOps assessment. You'll learn how to set up and secure Azure pipelines, as well as practice practical skills.

Course outline

- Configure a project and repository structure to support secure pipelines
- Configure secure access to pipeline resources
- Manage identity for projects, pipelines, and agents
- Configure and validate permissions
- Extend a pipeline to use multiple templates

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- Configure secure access to Azure repositories from pipelines
- Configure pipelines to securely use variables and parameters

Approach and methodology

Practical and structured approach combining focused theory and guided workshops. Participants gradually implement security through a pipeline with Azure DevOps through real-world exercises inspired by business scenarios, promoting immediate application of learnings. They learn how to integrate security practices into CI/CD processes, automate controls, and strengthen compliance throughout the development lifecycle. Led by a Microsoft-certified trainer, the training focuses on interactivity and the development of directly transferable technical skills to effectively secure application delivery chains in a professional context.

Prerequisites

An Azure subscription (you must bring your own subscription)

Recommendations

Basic knowledge of Azure DevOps, familiarity with security concepts such as identities and permissions, experience using the Azure portal to create resources such as Azure Key Vault and set permissions.

Certifications

This course prepares for the Applied Skills: Implementing security through a pipeline with Azure DevOps assessment.

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