Implement Security Through a Pipeline Using Azure DevOps (AZ-2001)

COURSE OVERVIEW

This course is designed for students who are planning to take the Implement security through a pipeline using Azure DevOps assessment and provides a bridge between fundamental level skills and intermediate skills. This course helps learners progress in multiple IT roles, including development, infrastructure, and security.

WHO WILL BENEFIT FROM THIS COURSE?

This course is designed for students who are planning to take the Implement security through a pipeline using Azure DevOps assessment, or students who are performing Azure DevOps and Azure Pipelines secure tasks in their day-to-day job.

PREREQUISITES

- Basic knowledge of Azure DevOps CI/CD tools, including Azure Pipelines.
- Basic knowledge of Azure Portal to create resources.
- Basic knowledge of security concepts like identities and permissions.
- Experience using the Azure portal to create resources like Azure Key Vault and set permissions.

COURSE OBJECTIVES

The students will have many opportunities to practice configuring and securing pipelines using Azure DevOps. These skills include configuring secure access to pipeline resources, configuring, and validating permissions, configuring a project and repository structure, extending a pipeline, configuring pipelines to securely use variables and parameters, and managing identity for projects, pipelines, and agents.

COURSE OUTLINE

Topics covered in this course are:

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

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Enhanced Learning Experience
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- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

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- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
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