

Secure app configuration data by using App Configuration or Azure Key Vault

Objectives:

At the end of this episode, I will be able to:

Understand what securing app configuration data by using App Configuration or the Azure Key Vault is and why it is important.

Explain the basic concepts associated with securing app configuration data by using App Configuration or the Azure Key Vault.

Identify the reasons why an organization needs to secure app configuration data by using App Configuration or the Azure Key Vault.

Define how to secure app configuration data by using App Configuration or the Azure Key Vault.

External Resources:

Use this Markdown file:

Create an ASP.NET Core app with Azure App Configuration.md

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What is Azure App Configuration?

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/overview>

Azure App Configuration best practices:

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/howto-best-practices>

Use customer-managed keys to encrypt your App Configuration data:

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/concept-customer-managed-keys>

Keys and values:

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/concept-key-value>

Feature management overview:

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/concept-feature-management>

Use customer-managed keys to encrypt your App Configuration data:

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/concept-customer-managed-keys>

Using private endpoints for Azure App Configuration:

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/concept-private-endpoint>

How to use managed identities for Azure App Configuration:

<https://learn.microsoft.com/en-us/azure/azure-app-configuration/overview-managed-identity>

Securely save secret application settings for a web application:

<https://learn.microsoft.com/en-us/previous-versions/azure/key-vault/vs-secure-secret-appsettings>

Use Key Vault references for App Service and Azure Functions:

<https://learn.microsoft.com/en-us/azure/app-service/app-service-key-vault-references?tabs=azure-cli>