

Unlocking the Secrets of Secure Endpoints: Connecting BC with Advanced Authentication Techniques



Tine Starič

Business Central Developer

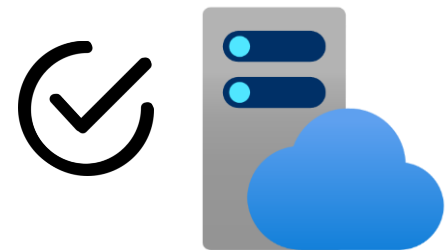
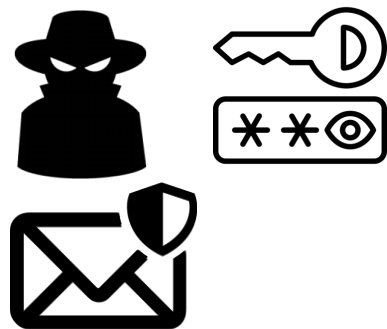


Agenda

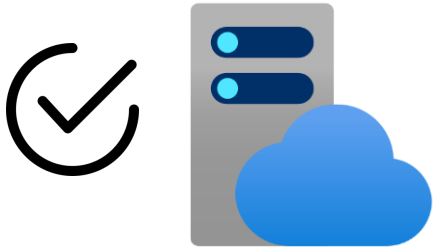
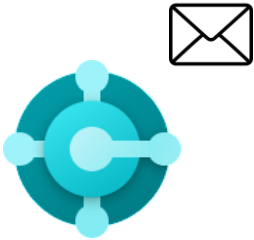
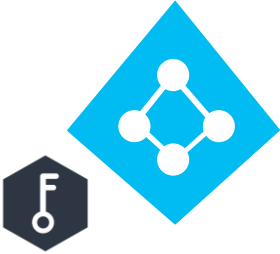
- OAuth2 with AAD
- OAuth2 with 3rd party IdP
- Message Signing with Certificates
- IP Whitelisting
- KeyVault



OAuth2 Overview

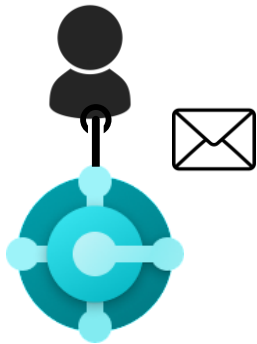


OAuth2 Overview



OAuth2 Overview

AuthCode



Microsoft

Sign in

Email, phone, or Skype

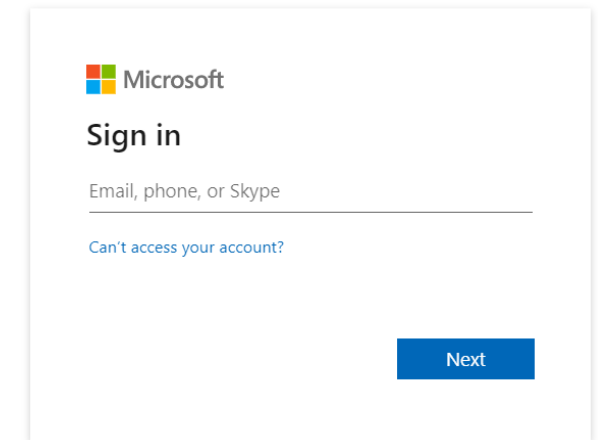
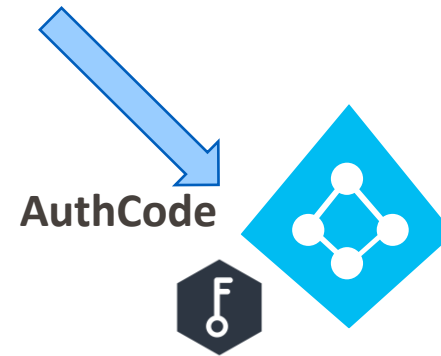
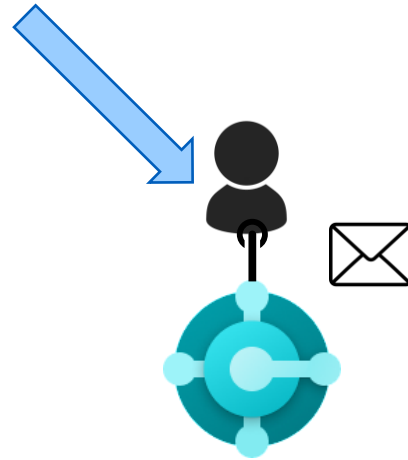
[Can't access your account?](#)

Next



OAuth2 Overview

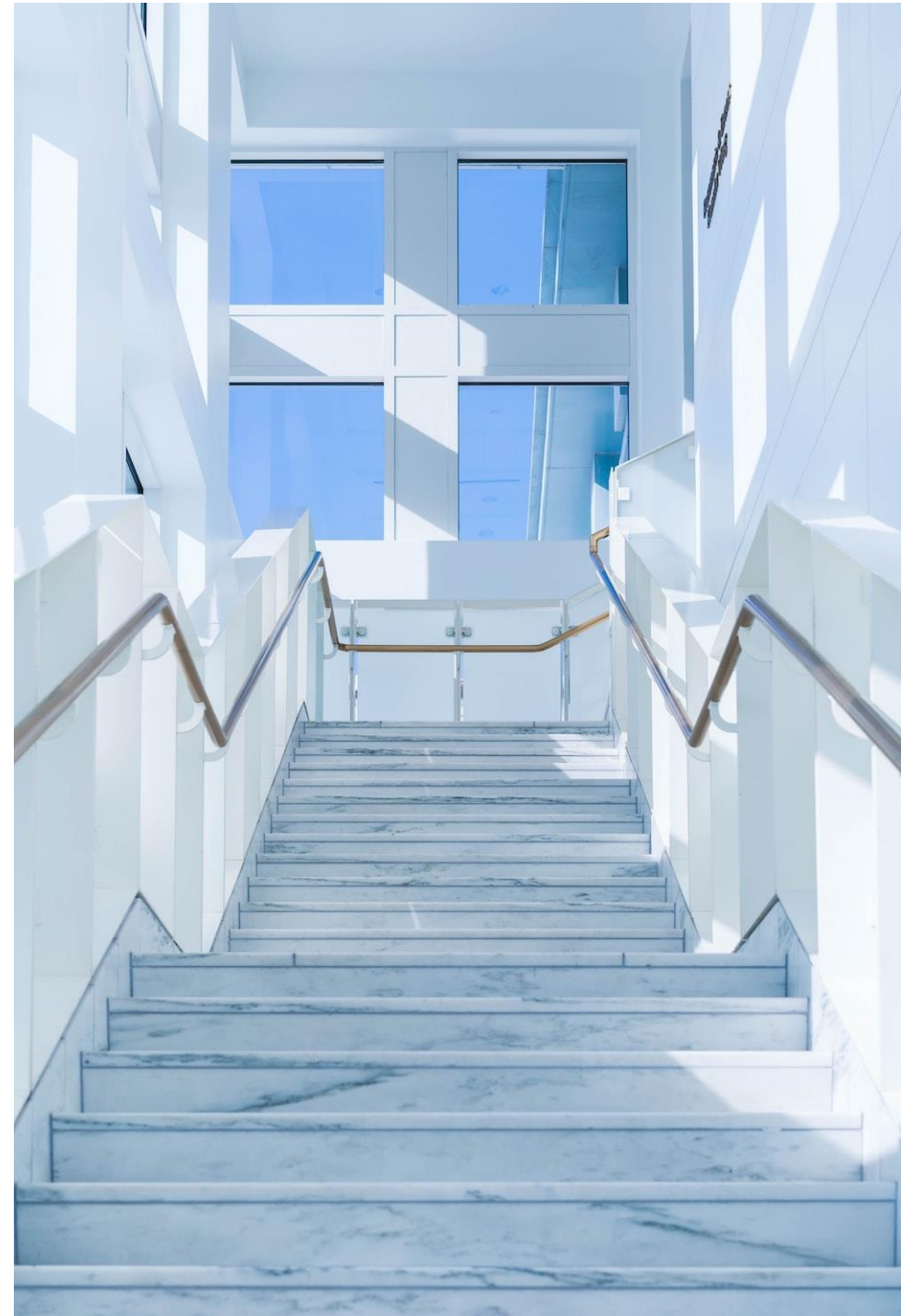
- ClientId/ClientSecret
- Authority Url
- Redirect Url
- Token Url
- Scopes
- State



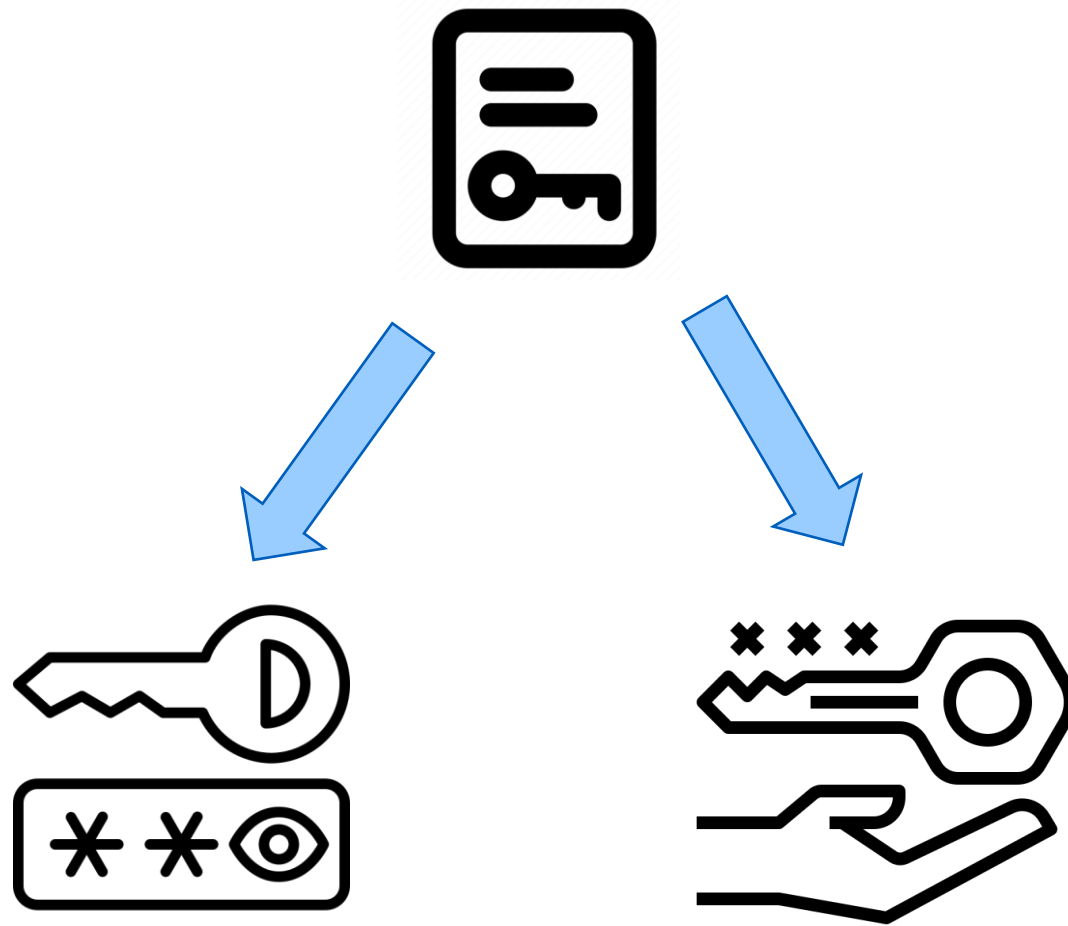
OAuth2 with Azure Active Directory



OAuth2 with 3rd Party Identity Provider



Security Certificates



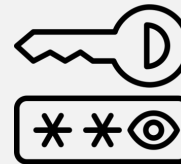
Security Certificates

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SHA256

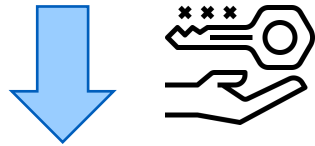
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Security Certificates

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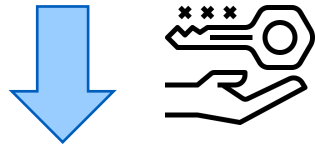


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Security Certificates

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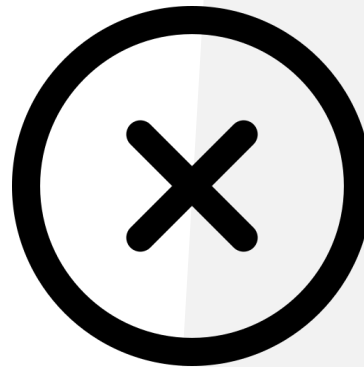


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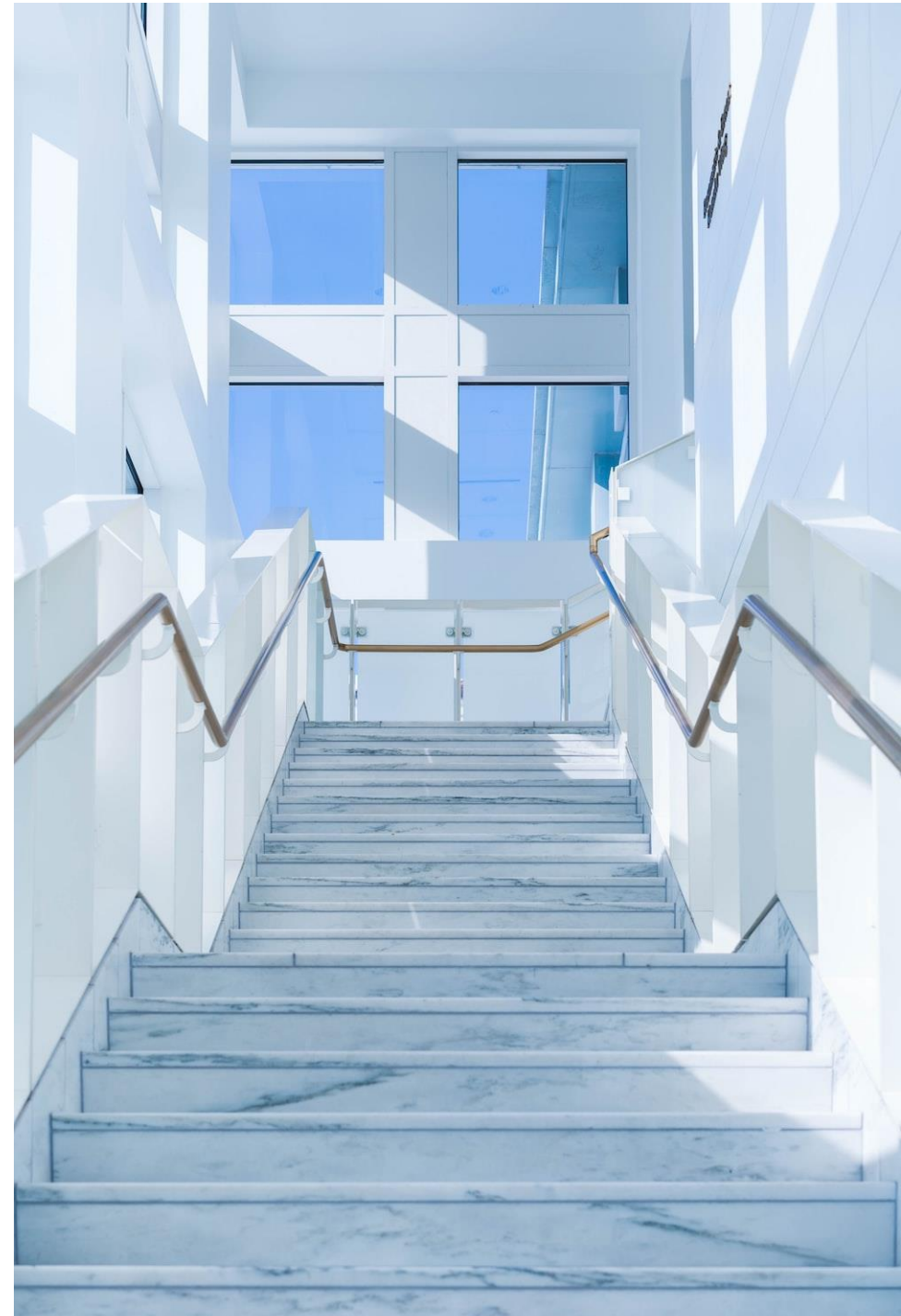


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Security Certificates

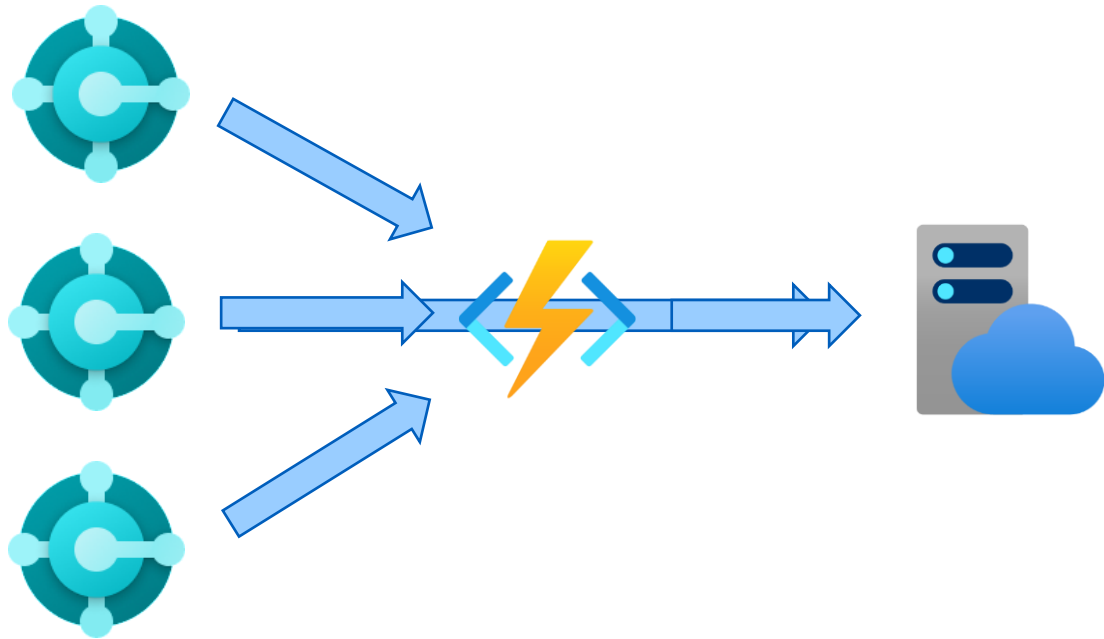
- Public Key & Private Key
- Data Integrity
- Content/Header Signing
- Usage in SFTP integrations



Http Message with Signed Content

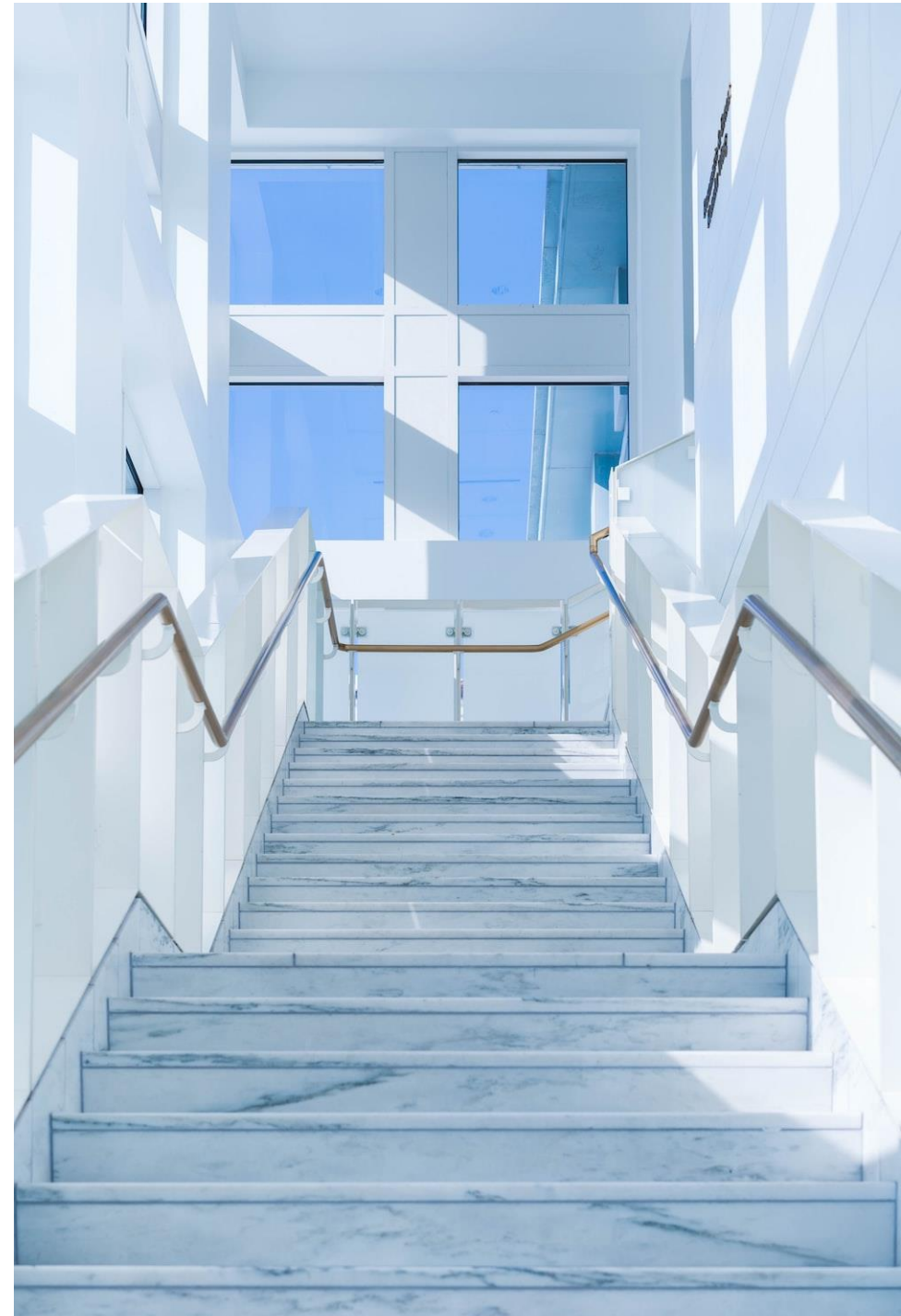


IP Whitelisting



Key Vaults

- IsolatedStorage vs KeyVault
- On SaaS, it's only supported for AppSource apps



Thank you!

- Find me on X (Twitter) or LinkedIn
- Reach out with questions
- <https://github.com/tinestarc/BCExamples/tree/Master/SecureEndpoints>

