



# Unlocking the Secrets of Secure Endpoints: Connecting Dynamics 365 Business Central with Advanced Authentication Techniques

# Who am I?

**Tine Starič**

Software Developer @ Companial



# Knowledge and endpoints we'll unlock

 OAuth2 with AAD

 OAuth2 with 3rd party IdP

 Message Signing with Certificates

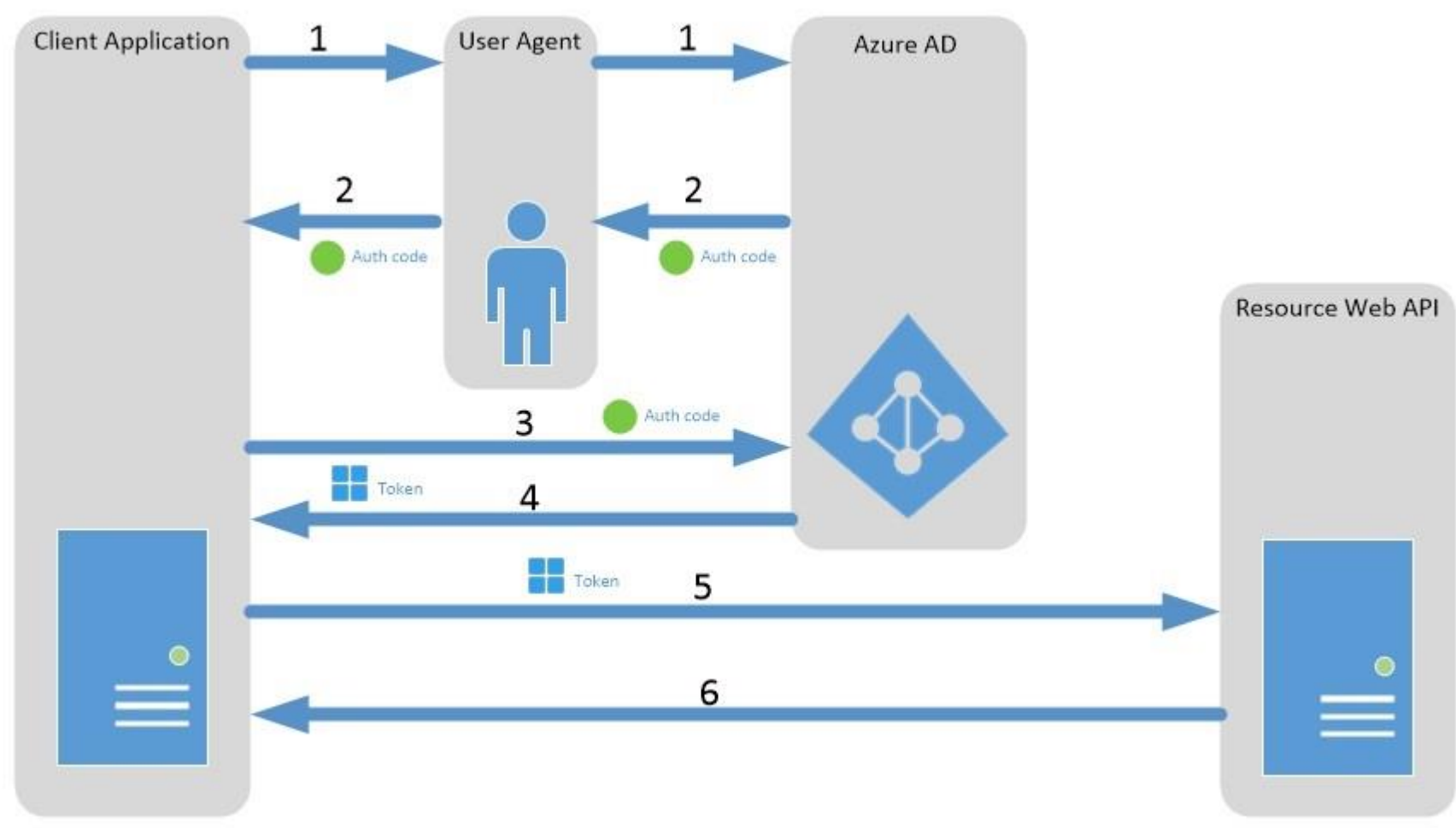
 IP Whitelisted endpoints

 KeyVault





# OAuth2 Overview



# OAuth2 Prerequisites

ClientId/ClientSecret

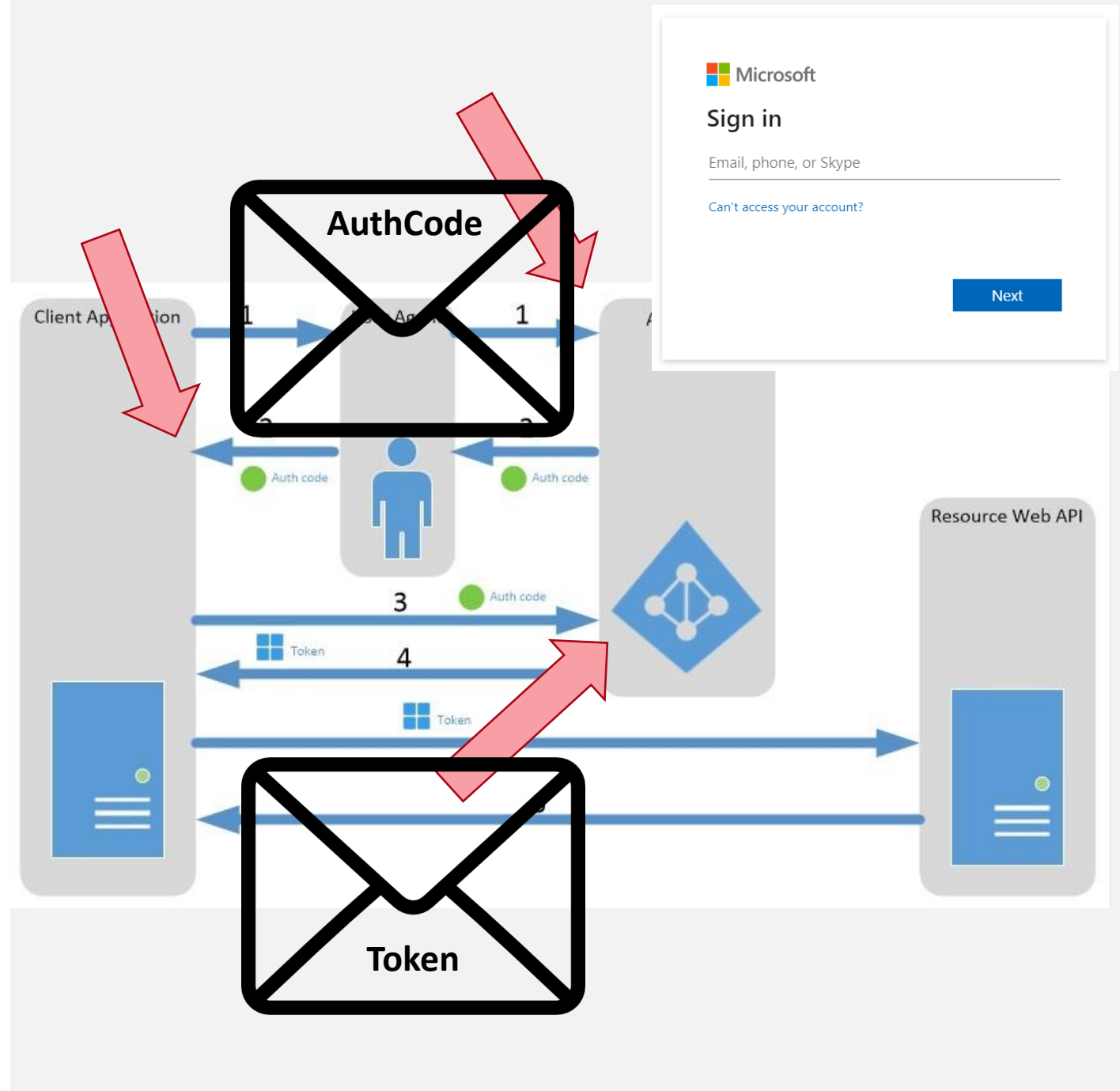
Authority Url

Redirect Url

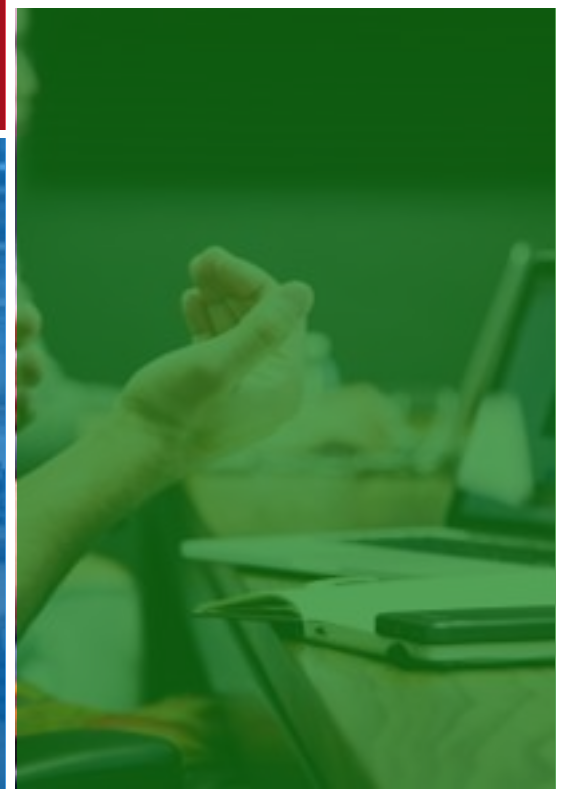
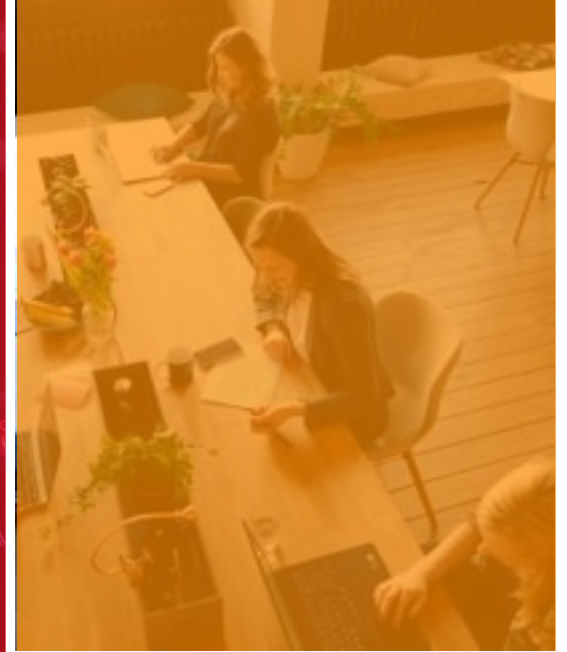
Token Url

Scopes

State



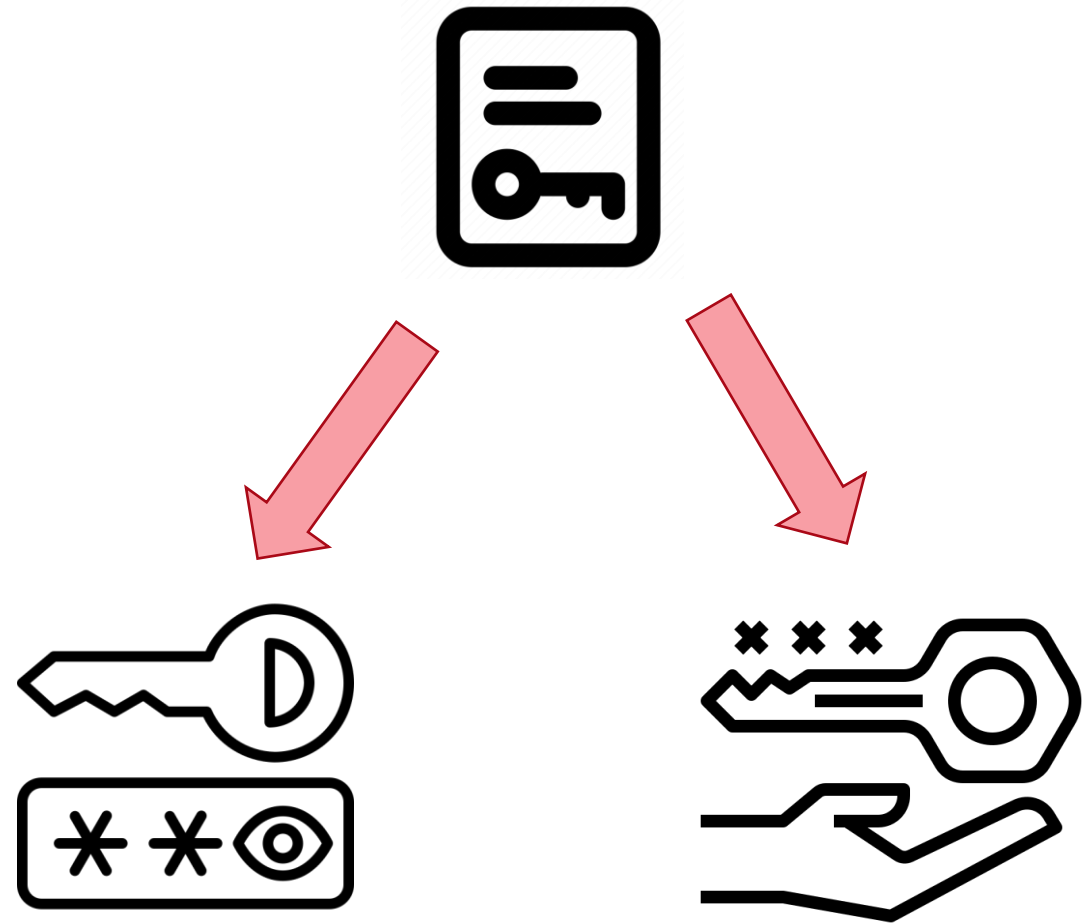
# OAuth2 with Azure Active Directory



# **OAuth2 with 3rd Party Identity Provider**



# Security Certificates





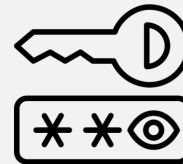
# Security Certificates

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SHA256

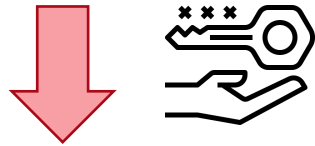
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# Security Certificates

koF5Ddqw7oVQi3darj47keN0...



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**{"name":"Tine"}**

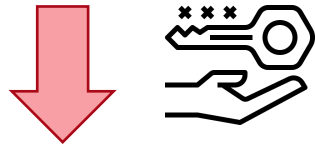


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# Security Certificates

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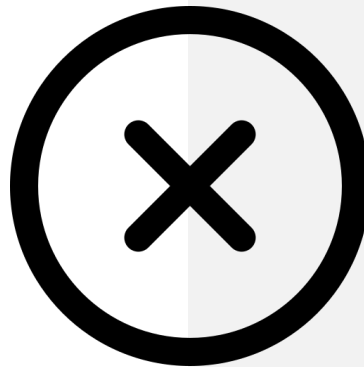


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**{"name": "John"}**



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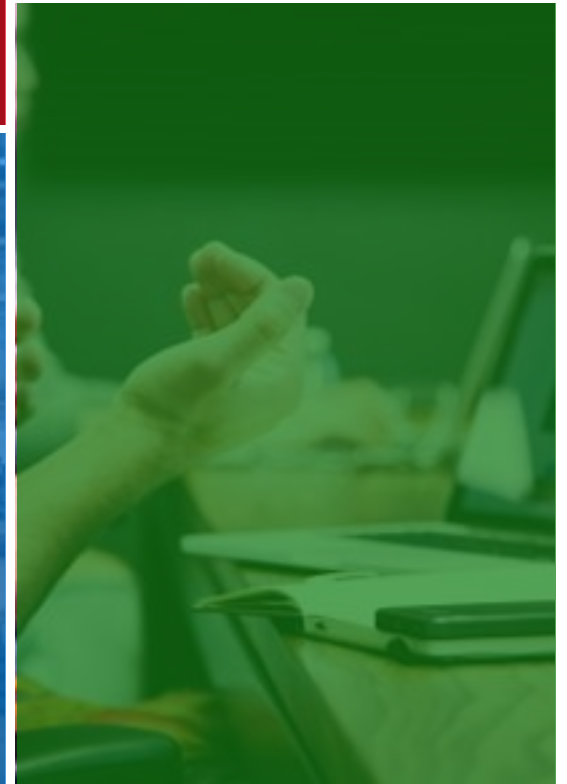
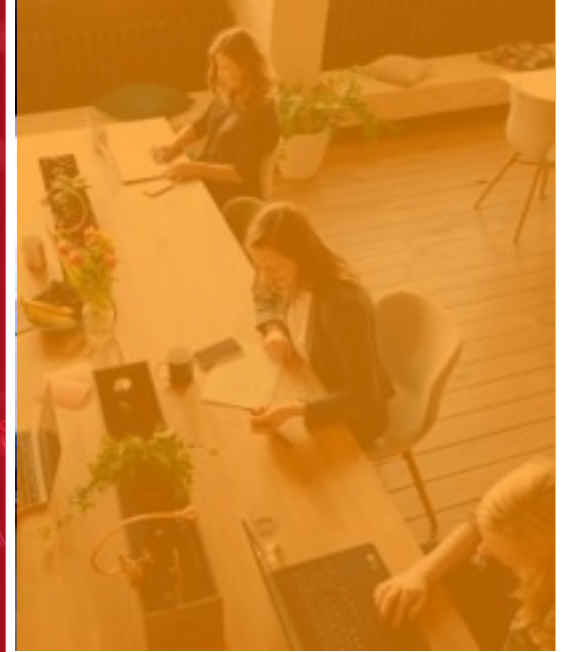
# Security Certificates

 Public Key & Private Key

 Data Integrity

 Content/Header Signing

 Usage in SFTP integrations

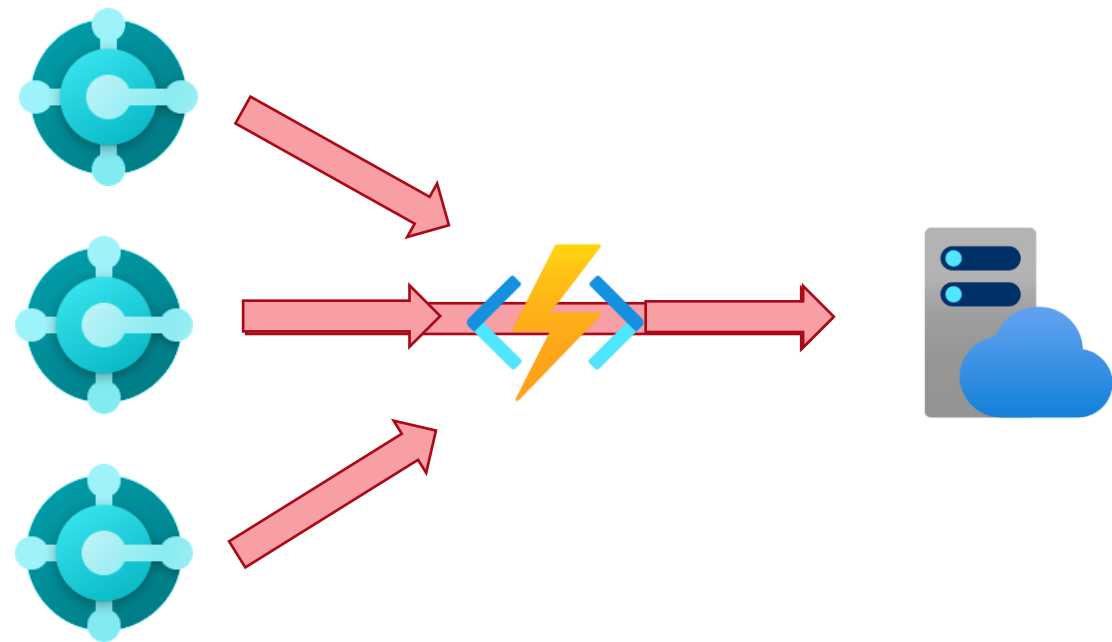




# Http Message with Signed Content




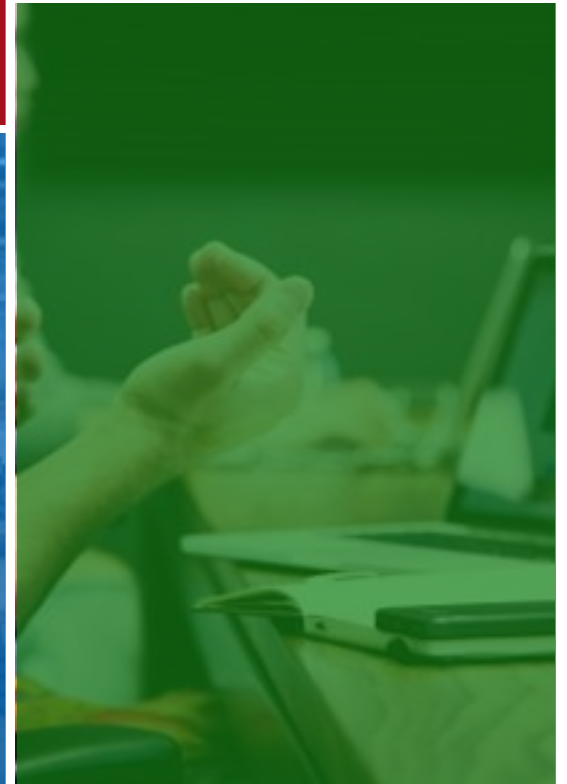
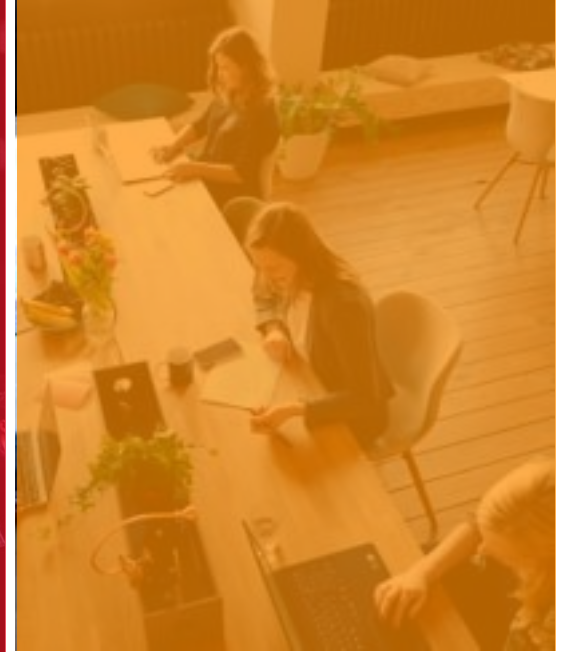
# IP Whitelisting



# Key Vaults

 IsolatedStorage vs KeyVault

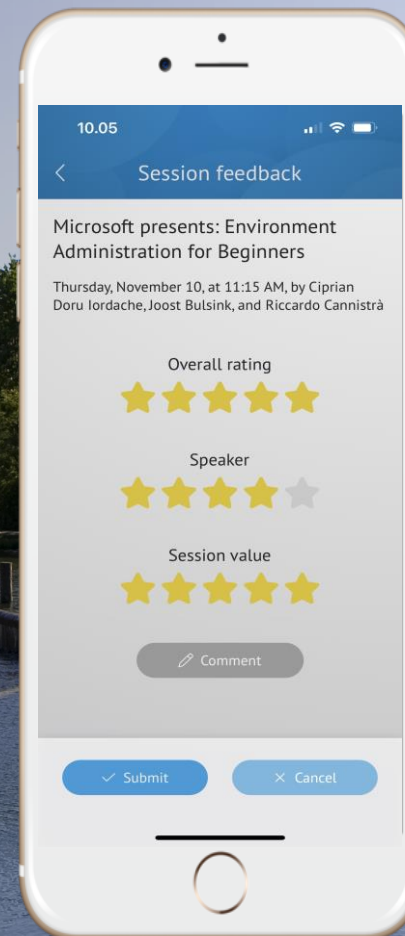
 On SaaS, it's only supported for  
AppSource apps





# Thank you !

Please rate the session in the Conference App !



10.05

< Session feedback

Microsoft presents: Environment Administration for Beginners

Thursday, November 10, at 11:15 AM, by Ciprian Doru Iordache, Joost Bulsink, and Riccardo Cannistrà

Overall rating


★★★★★

Speaker

★★★★☆

Session value

★★★★★

 Comment

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