SUGCON
EUROPE 2025

Synchronizing Sitecore XM Cloud with Azure DevOps CI/CD

Presented by: Robbert Hock
Sitecore Architect & 16x Sitecore MVP

uxbee

3-4 April 2025, Antwerp-Belgium

SITECORE
MOST VALUABLE PROFESSIONAL



Today's speaker

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Robbert Hock

Sitecore Architect & 16x Sitecore MVP (2010-2025), uxbee

- Sitecore Architect at uxbee
- 17+ years of Sitecore experience
- 20+ Sitecore deliveries (5.3 to 10.4 to XM Cloud)
- Original co-founder & organizer of SUGNL & SUGCON
- Lives in The Netherlands
- Married & 3 children
- Loves cycling

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SITECORE TECHNOLOGY MVP 2025

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Today’s agenda

1. Demo
2. Overview of Used Technologies
3. Explore Azure DevOps Pipeline
4. Tips & Tricks

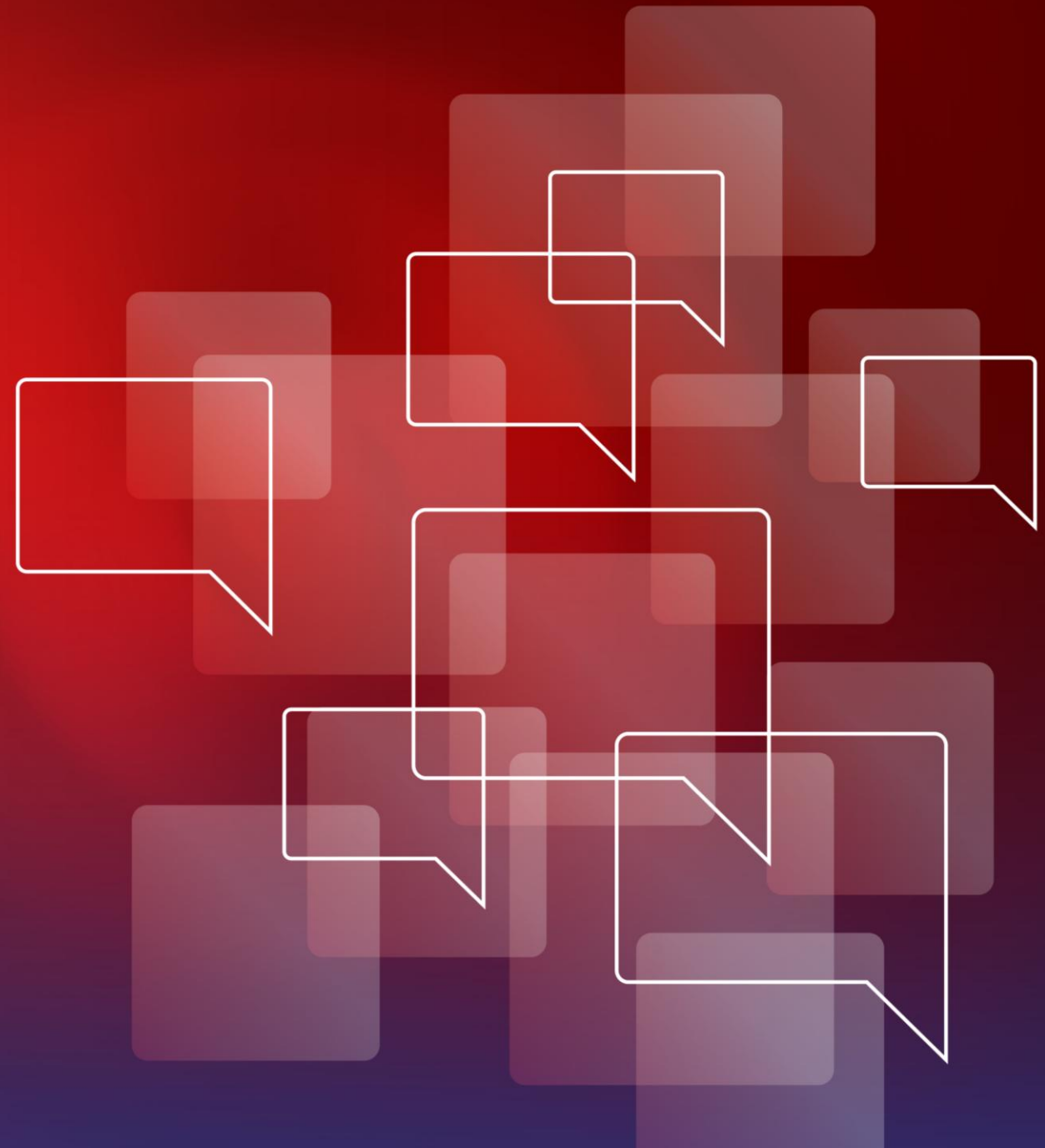


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Demo

Let’s see the whole setup in action!





Overview of Used Technologies

Let’s explore the technologies we’ve used

Used technologies

- Sitecore XM Cloud
- Sitecore CLI
- Azure DevOps pipelines
- Azure Key Vault
- Azure CLI
- PowerShell

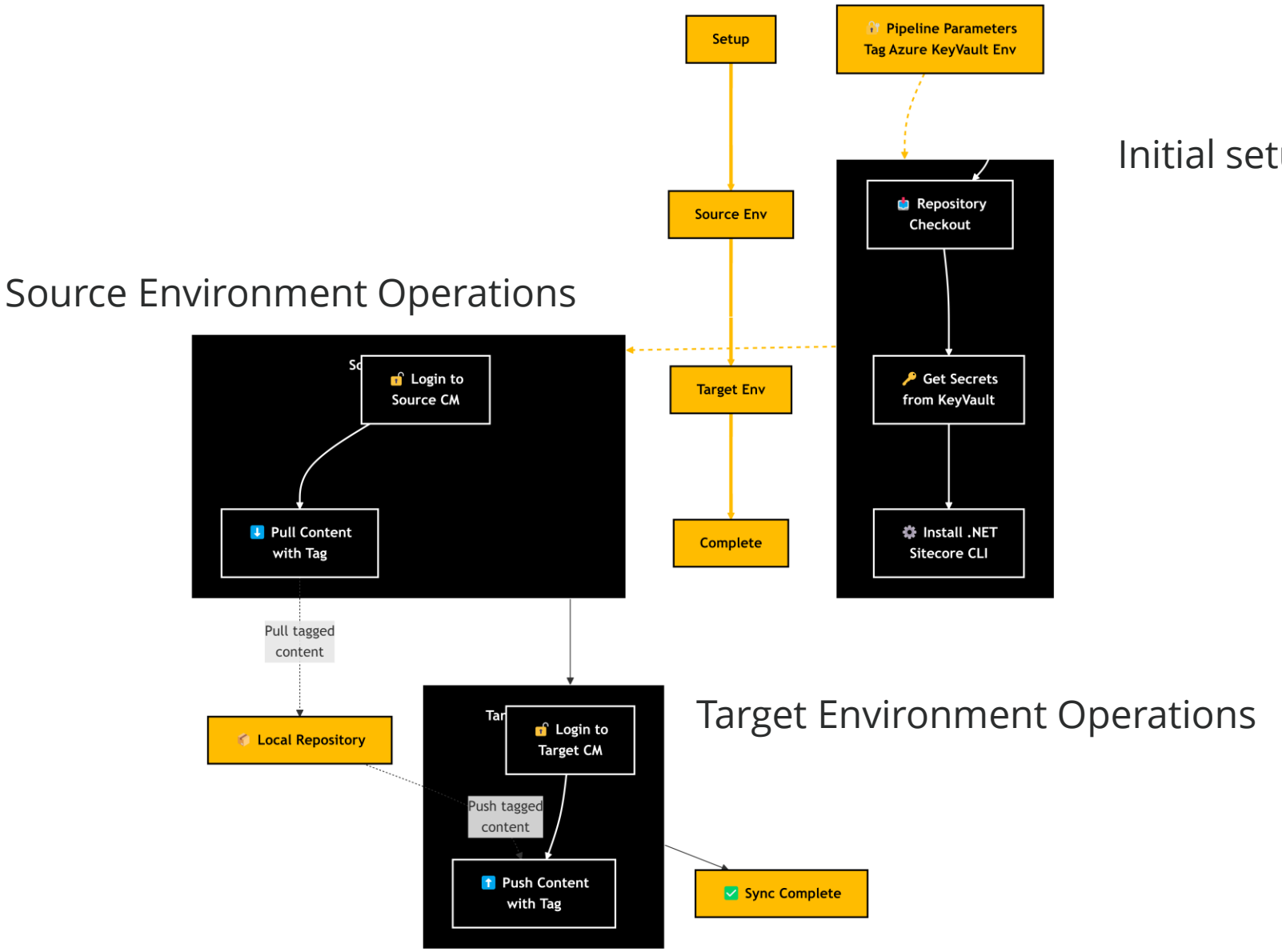


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Explore Azure DevOps pipeline

Let’s explore the steps & flow

Pipeline Steps & Flow

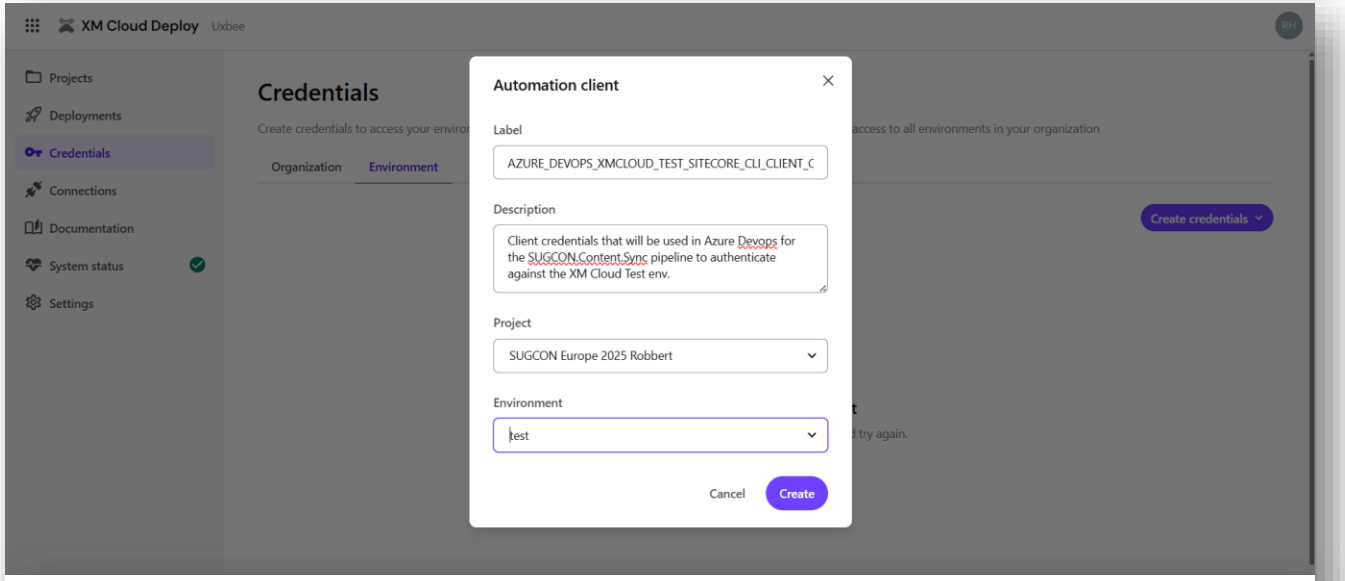


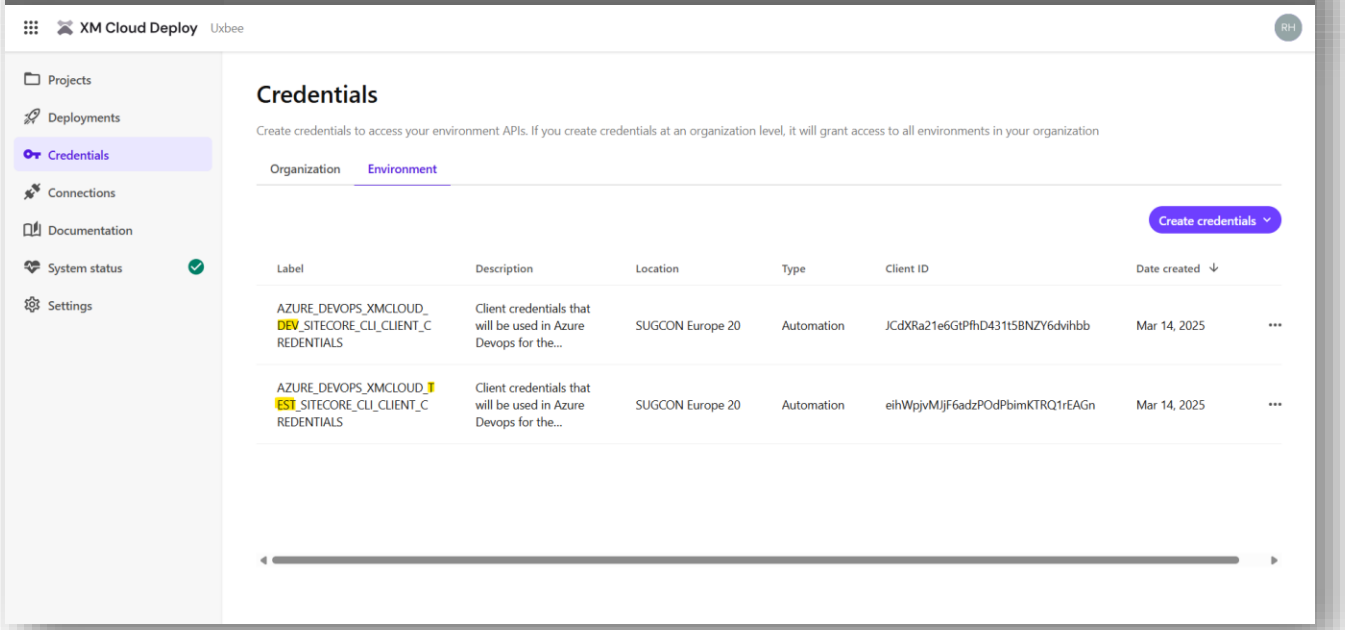
Create automation clients for XM Cloud environments

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- Create an automation client in XM Cloud **per Environment**
- Save **Client ID** & **Client Secret**
- More info see Sitecore documentation on [Create an automation client for an XM Cloud environment]

SCAN ME

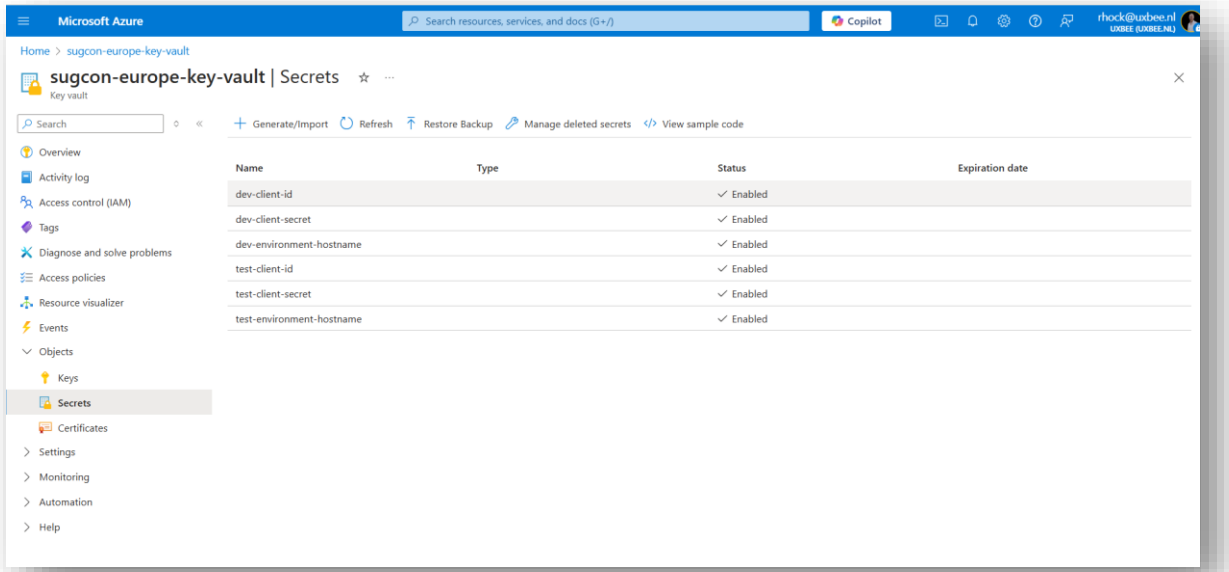




Azure Key Vault



- Store created automation **Client ID(s)** & **Client Secret(s)** & in Azure Key Vault for all the environments. *For our demo we also store the XM Cloud hostname per environment here.*



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Tips & Tricks

Go home with substantiated decisions

Tips & Tricks



- Use Azure Service Connection that authenticates and authorizes access to Azure resources
- Sitecore CLI module configuration setup & tagging
- Sitecore CLI Module rules (scope & allowed push operation)
- Define ‘excludedFields’ in sitecore.json to exclude fields from synching
- Set ‘progressiveMetadataPull’ to true in sitecore.json to pull large data sets from the XMCloud environments
- Use ##vso[task.setvariable] in to set variables for later usage

Questions?

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- Any Questions?

- You can always contact me or uxbee at:

  https://uxbee.eu/

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