

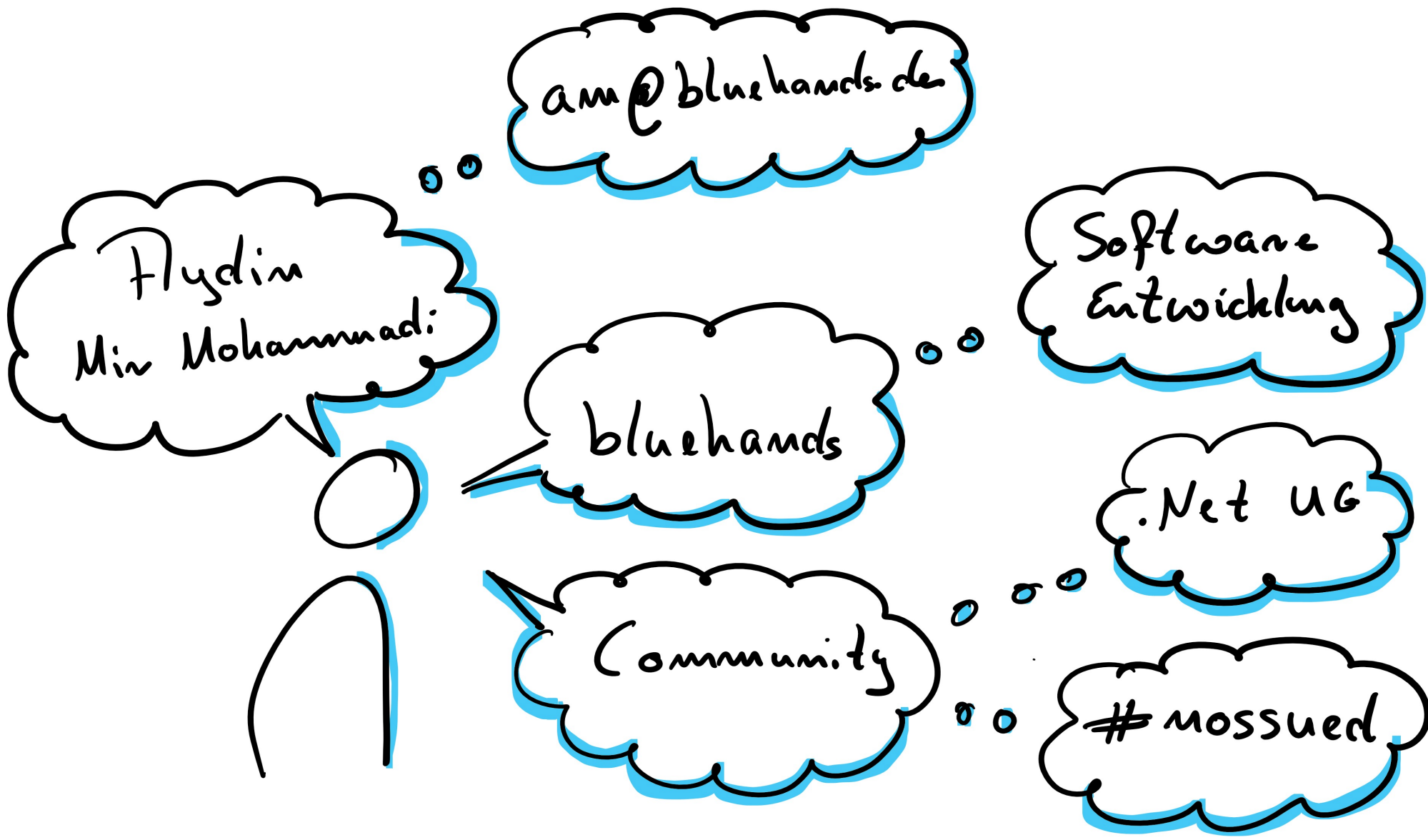
The
#NOSSUED

Software Entwicklungs Open Space - Karlsruhe 29/30 Juni 2019

A hand-drawn diagram consisting of a black rectangular border with four orange, torn-edge corners, resembling tape. The text is centered within this border.

Keine Geheimnisse

Passwordler & Azure Key Vault



Flydin
Min Muhammad:

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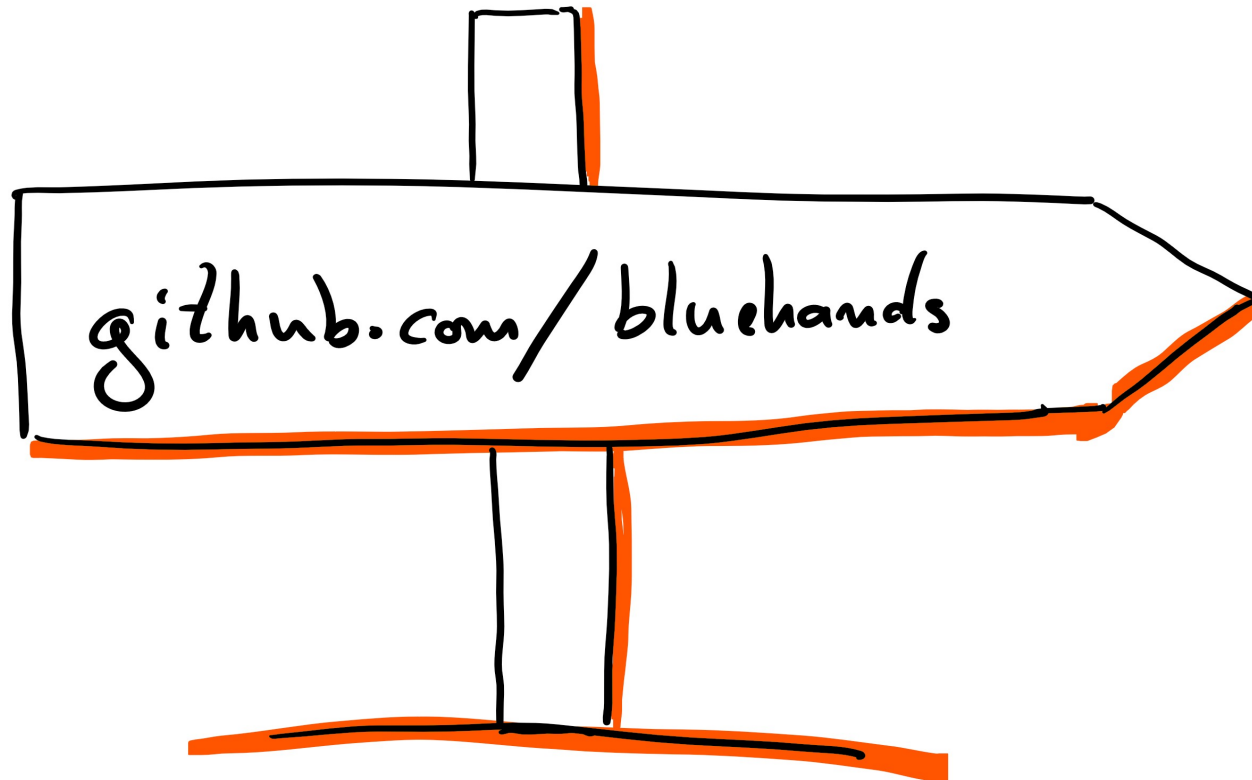
bluehands

Community

Software
Entwicklung

.Net UG

#mossued



github.com/bluehands



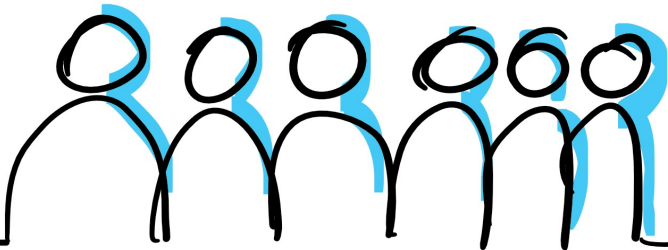
Agenda

RBAC & Managed Identity

Key Vault & Geheimnisse

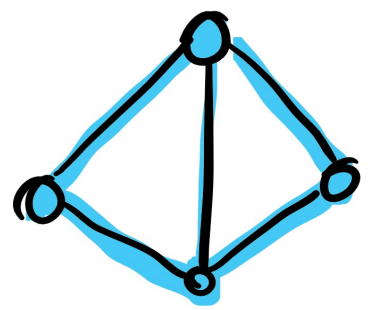
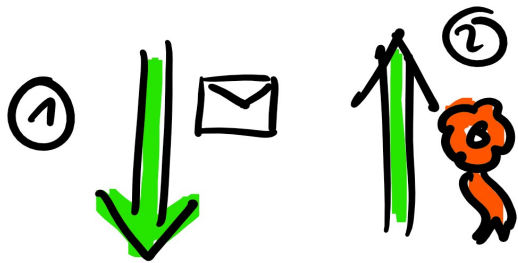
Zertifikate & Crypto

SQL-Server & Always Encrypted

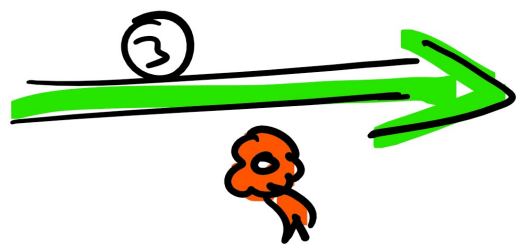


RBAC

Principal



Azure AD



Access Token



Resource

Trust [token icon]

Managed Identity

VM, App Service
Container

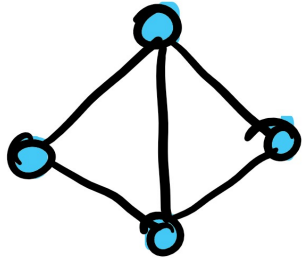
Managed
Identity



Service

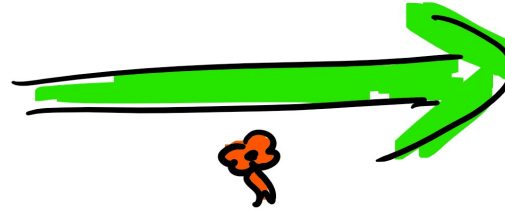


Meta Data
Instance Svc



Azure AD

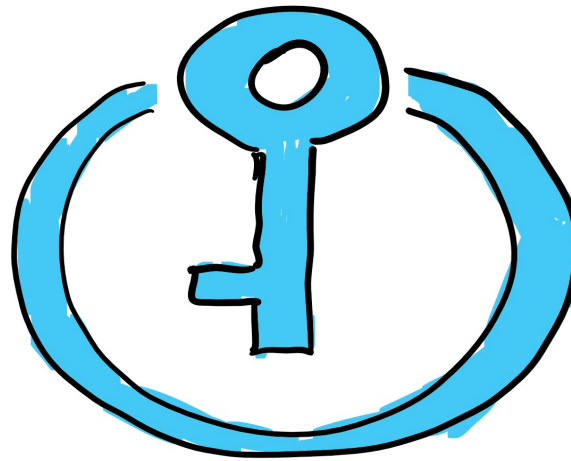
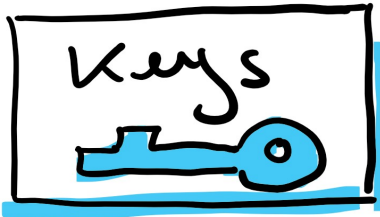
Link local
Address



Resource

Blob, Key Vault
ServiceBus, SQL

Key Vault



Flare
Key Vault

Sicheres
Aufbewahren von
Crypto Keys

Crypto Operation
im Gerät

Strategien

- Zugriff auf Ressourcen mit MI & RBAC
- Ablage von Geheimnissen in Key Vault
 - Config-Provider, Functions
 - SSL-Zertifikate
- Crypto in Key Vault
 - Signieren, Verschlüsseln
- Verschlüsseln von Daten
 - SQL-Server