

# 8 Wege, mit Azure Automation gegen die Wand zu fahren

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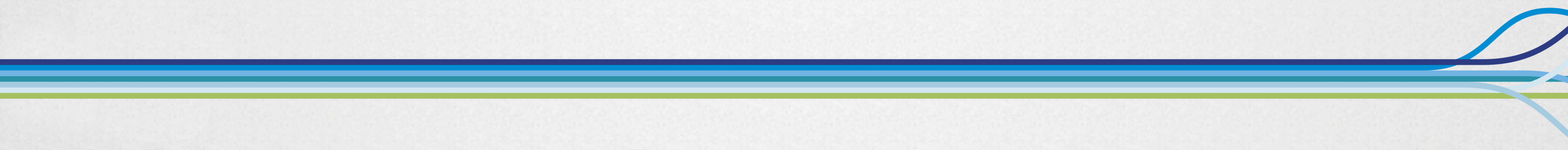






# AGENDA

- Weg 1-4
- Weg 5-8
- Noch ein bisschen mehr



# 1 - Credentials und Variablen als Klartext im Script

## SCHLECHT

```
1  $User="Admin"  
2  $PW="MyPassW0rd"  
3  $Server="Server01"  
4  
5  
6  
7
```







# 1 - Credentials und Variablen als Klartext im Script

BESSER

- **Variables/Credentials in AA**
- **Azure Key Vault**
- **Andere PW Tools/Lösungen**





## 2 – Ein Login für alles **SCHLECHT**



```
1 $ServiceAccount="GlobalAdmin" #MFA disabled
```

```
2
```

```
3
```

```
4
```





# 2 – ein Login für alles

## BESSER

- **Azure App Regs**
- **System / User Identity**
- **User Accounts -> OnPrem only**







# 3 – kein Monitoring deiner Runbooks

## SCHLECHT







# 3 - kein Monitoring deiner Runbooks

BESSER

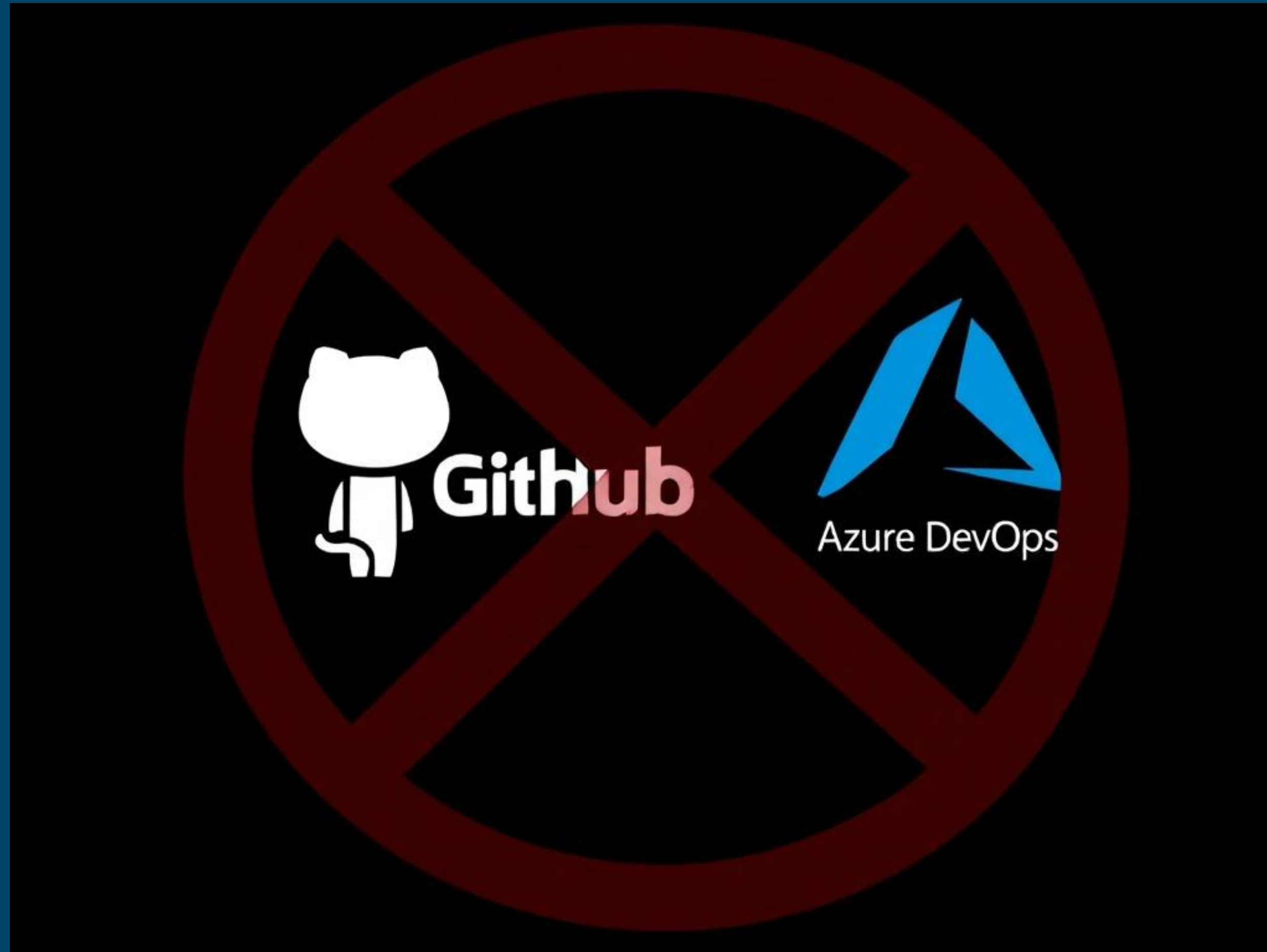
- **Mail Monitoring**
  - <https://www.techguy.at/mail-alerting-on-azure-automation-accounts/>
- **Azure Monitoring**
- **Others**





# 4 – wer braucht schon Code-Verwaltung

## SCHLECHT







# 4 - wer braucht schon Code-Verwaltung

BESSER

- Keine ver\*\*\*ten Kosten
- Dokumentation
- “Backup”
- Change Management
- Audit
- Readme
- .....





# 5 – wir automatisieren nur die Cloud

## SCHLECHT







# 5 - wir automatisieren nur die Cloud

BESSER

- **Hybrid Worker**
- **Azure Arc / Azure VM**





# 6 – Namensschema? Was ist das?

## SCHLECHT

Create↑ Update Runtime Environment🔗 Learn more🔄 Refresh

Search runbooks...

🔼 Add filter

Azure CLI commands are supported (public preview) in runbooks linked to PowerShell 7.2 or higher Runtime environments. [Learn more](#)🔗

Name	Authoring status	Runbook type	Runtime environment	Last modified
Runbook001	<span>📌</span> New	PowerShell	PowerShell-5.1	29.1.2025, 3:28 PM
Runbook002	<span>✅</span> Published	PowerShell	PowerShell-5.1	29.1.2025, 3:28 PM
Runbook003	<span>📌</span> New	PowerShell	PowerShell-5.1	29.1.2025, 3:29 PM
Runbook004	<span>📌</span> New	PowerShell	PowerShell-5.1	29.1.2025, 3:31 PM
Runbook004b	<span>📌</span> New	PowerShell	PowerShell-5.1	29.1.2025, 3:30 PM
<input type="checkbox"/> Way1	<span>✅</span> Published	PowerShell	PowerShell-5.1	29.1.2025, 2:21 PM





# 6 – Namensschema? Was ist das?

BESSER

- **Namensschema von Anfang an**
- **Mehrere Automation Accounts**
- **Readme**







# 7 –Logging ist für Anfänger **SCHLECHT**



Time	Type	Details
No logs found.		





# 7 –Logging ist für Anfänger

BESSER

- **Logging von Anfang an**
- **Logging Levels**








# 8 – Laufzeit? Was ist das?

## SCHLECHT

### Recent Jobs

Status	Created	Last updated
<input type="checkbox"/> Stopped	28/01/2025, 01:00	29/01/2025, 15:38
<input type="checkbox"/> Stopped	27/01/2025, 11:31	29/01/2025, 15:38
 Running	29/01/2025, 01:00	29/01/2025, 01:00
 Completed	27/01/2025, 11:29	27/01/2025, 11:30
<input type="checkbox"/> Stopped	23/01/2025, 20:15	27/01/2025, 11:17
<input type="checkbox"/> Stopped	27/01/2025, 01:00	27/01/2025, 11:17
<input type="checkbox"/> Stopped	25/01/2025, 01:00	27/01/2025, 11:17
<input type="checkbox"/> Stopped	24/01/2025, 01:00	27/01/2025, 11:17
<input type="checkbox"/> Stopped	26/01/2025, 01:00	27/01/2025, 11:17
 Completed	23/01/2025, 20:09	23/01/2025, 20:09





# 8 – Laufzeit? Was ist das?

BESSER

- **Logging affects**
- **Get what you need only**







# XXX – MEHR!!! BESSER

- Do Testing
- Module Updates
- No Graphical Runbooks
- PS5 or PS7
- Multi Environment, GitHub Branches
- Webhook/Schedule
- ....





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GOLD







# Closing

Closing Subtext

