#### 10 Gründe für Azure

was ohne Cloud gar nicht funktionieren würde

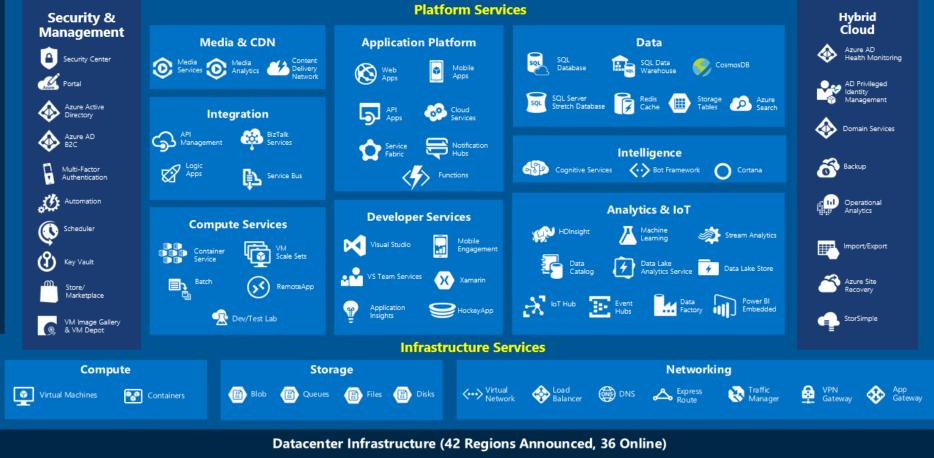
Stefan Denninger Cloud Architect @ ACP, P-TSP

http://blog.denninger.at



@stefandenninger





■ .

# Why moving?

- the boss was asking for...
- I wonna do it...
- It makes sense...
- make the playground bigger...
- others are also doing it?
- it makes fun ;)
- new things are fancy ... hmm, new?

## 10 Gründe:

- laaS in 10min prod ready inkl. VPN
- Cognitive Services API f
  ür Bildvergleich und Translation! Free
- Azure Automation und Hybrid Worker
- Cloud Interconnect vs. MPLS mit BGP, VPN, ExpressRoute
- Azure Governance Policies
- Webhosting mit PaaS aka App Service
- Reverse Proxy mit AAD pre-auth TMG Ablöse statt nginx
- IoT Messreihen IoT Hub, ML, PowerBl
- Azure Functions & Logic Apps
- Backup to the cloud verschlüsselt und komprimiert inkl. Storage Tiering und Langzeitarchivierung



#1 – Meine Träume umsetzten kann

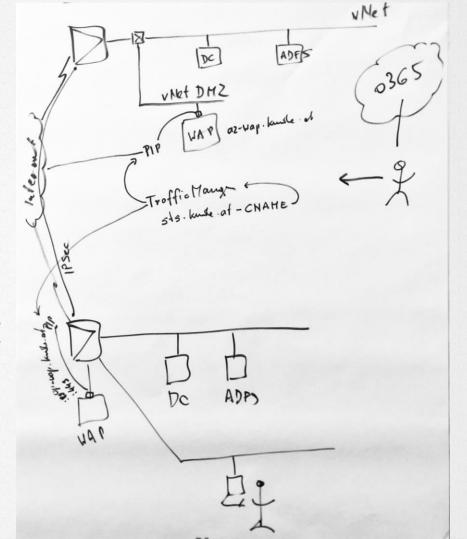
## Azure laaS Hybrid

- lift and shift workloads
- speed up your project
- limit latency
- because you feel comfortable



## ADFS Hybrid

- TrafficManager
- SLA >= 99,99%
- real HA solution
- rapid deployment script or ARM



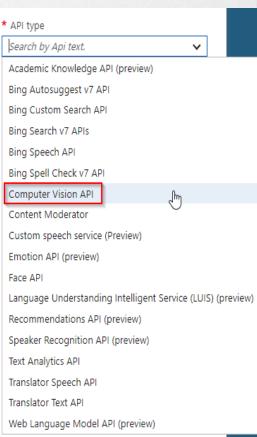


#2 – Text übersetzten Bilder analysieren

## Azure Cognitive Services

- long list of services available
- use the Services in your scripts
- translate Service Description

• i.e. free for 2 millions characters





## Azure Cognitive Services

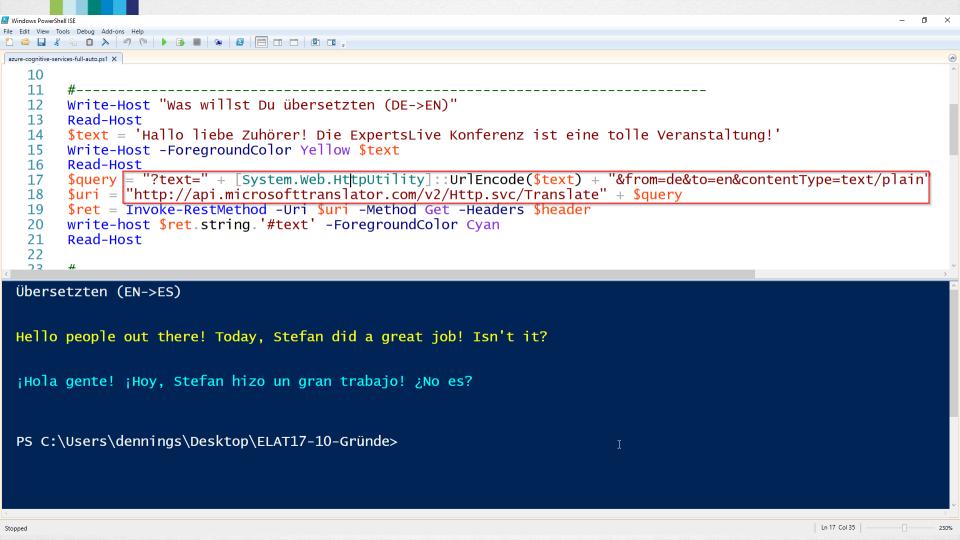
#### DEMO

Powershell Script – Text Translator

 https://azure.microsoft.com/de-de/services/cognitiveservices/computer-vision/

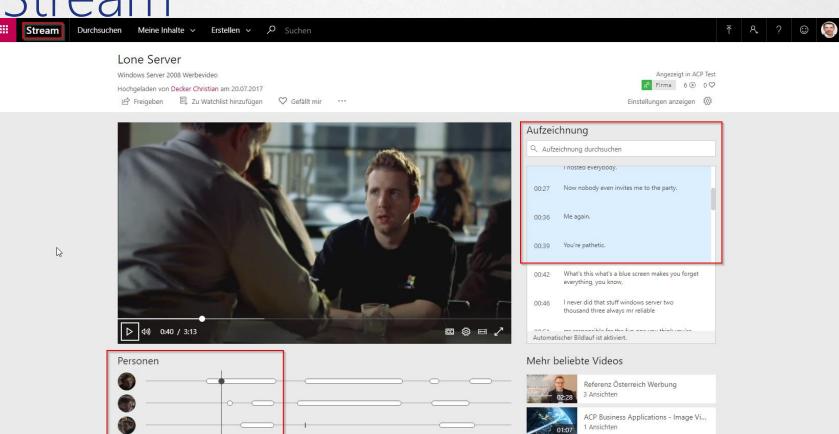


script see blog.denninger.at



#### Stream

Weitere Personen anzeigen



RTCVisionVideo

#3 – Azure Automation and Hybrid Worker



#### Azure Automation - issues

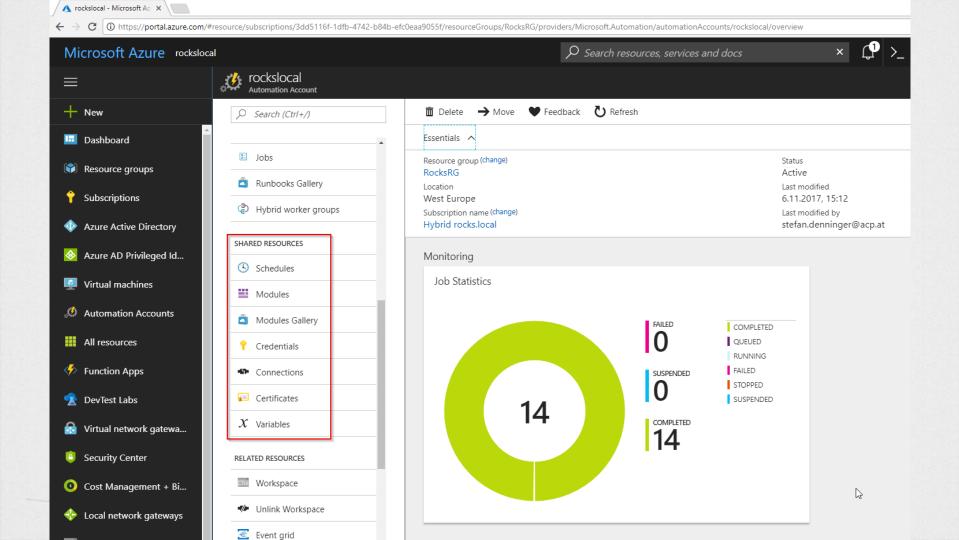
- scripts are sourcecode!
- no credentials in your code!
- versioning
- test bench
- load balanced hybrid workers
  - start runbooks with webhooks or shedule

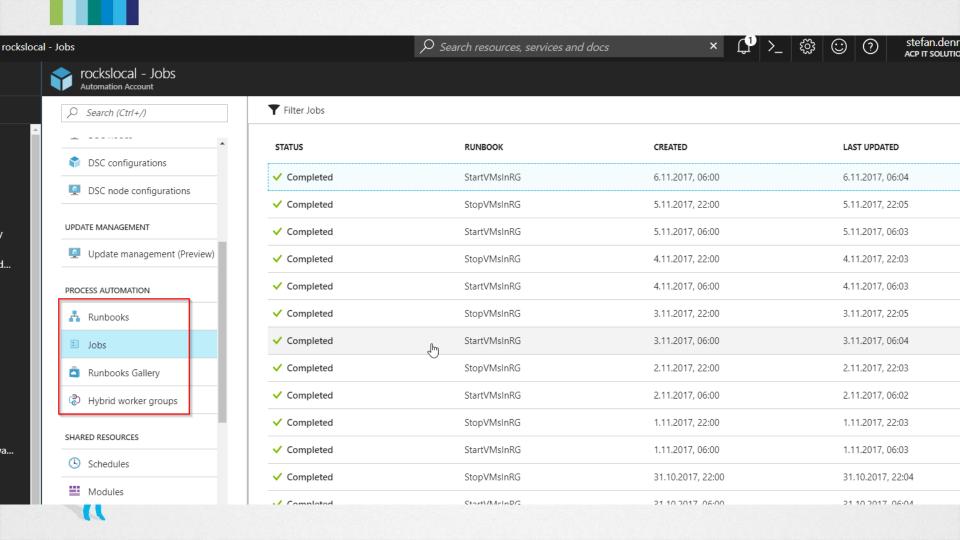
### Azure Automation

DEMO

scripts online at blog.denninger.at / save money





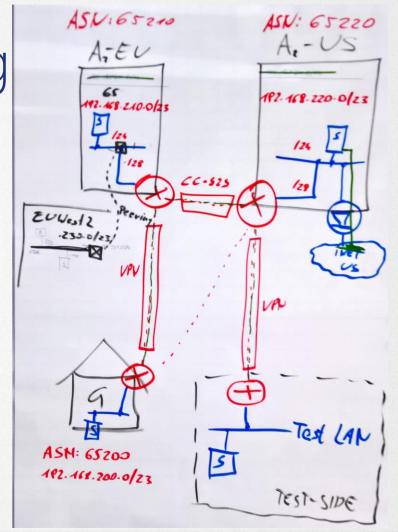


#4 – Cloud Interconnect



## Azure Networking

- Use Azure Network for your Office interconnect
- Limit latency for branch offices
- Save money vs MPLS









#### Azure Policies

- set rules for your infrastructure
- monitor the rules
- using tags
- checking the bill



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#### Danke!

#### 10 Gründe für Azure

Mag. Stefan Denninger Cloud Architect @ ACP, P-TSP http://blog.denninger.at @stefandenninger

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