

# About me



**Hannes Lagler-Gruener**

Multi Cloud Architect

 <https://cloudblogger.at>

 <https://www.linkedin.com/in/hannes1>

 @HannesLagler

<https://cloudblogger.at>



# Welcome to a new session about

## PaaS networking settings

Video type: Nugget

Video category: Level-300



<https://cloudblogger.at>

# Session Agenda

- Why PaaS network settings
- Networking options
- Architecture sample
- Demo



<https://cloudblogger.at>

# Why PaaS network settings

- Normally PaaS services aren't connected to the Vnet
  - Each PaaS service have a shared PIP
- Communication from On-Prem over internet
  - Expect express route connection
- If you need a tighter security control



<https://cloudblogger.at>

# Networking options

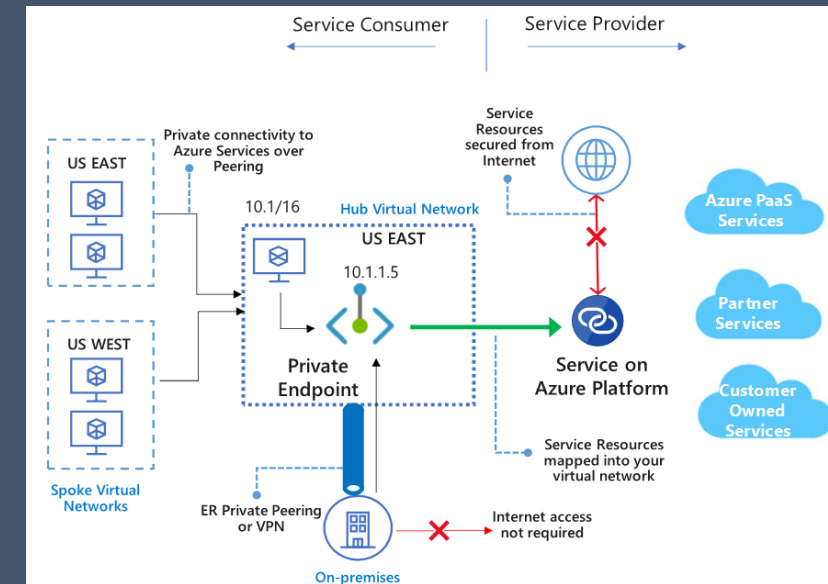
- Azure Private Link/Private endpoint
- Service endpoints



<https://cloudblogger.at>

# Azure Private Link/Private Endpoint

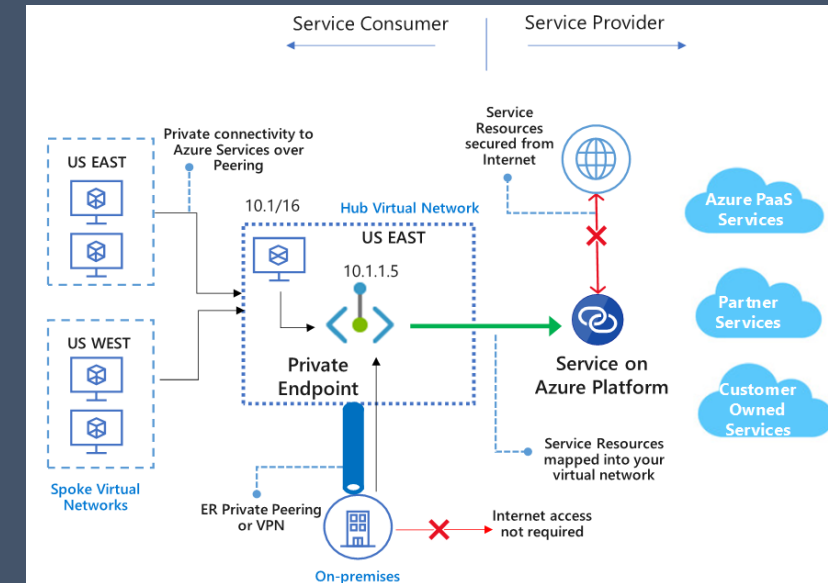
- Privately access services
  - On-premises and peered networks
- Protection against data leakage
- Global reach
- Extend to your own services



<https://cloudblogger.at>

# Azure Private Link/Private Endpoint

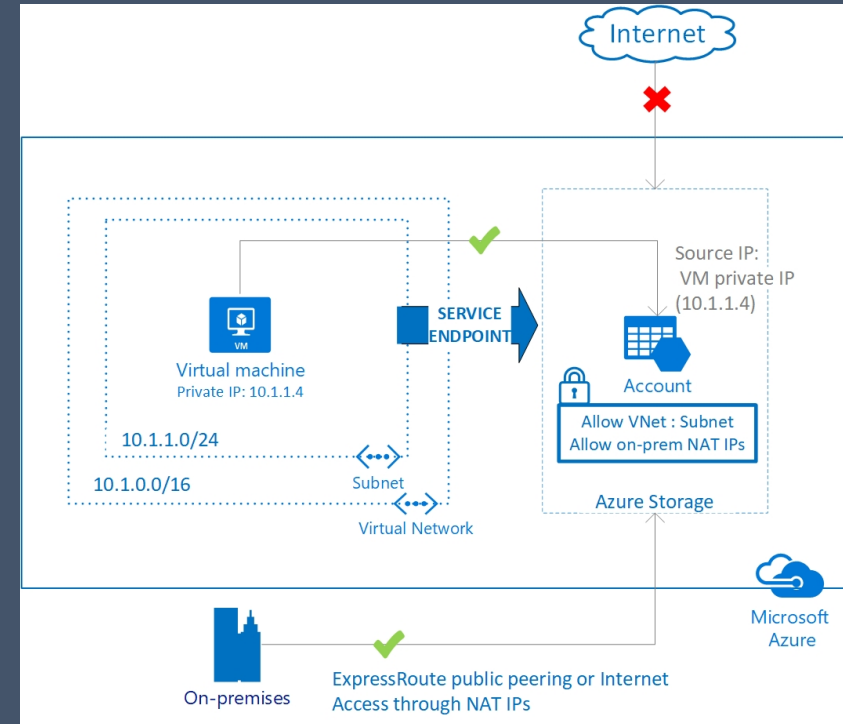
- Private Link available to
  - AI + Machine Learning
  - Analytics
  - Compute
  - Containers
  - Databases
  - Integration
  - Internet of Things (IoT)
  - Management and Governance
  - Security
  - Storage
  - Web
- Private Link service with a standard load balancer



<https://cloudblogger.at>

# Azure Service endpoint

- Provides secure and direct connectivity to Azure services
- Optimal routing for Azure service traffic
- Simple to set up with less management overhead
- No private IP!
- Can't be used for traffic from premises

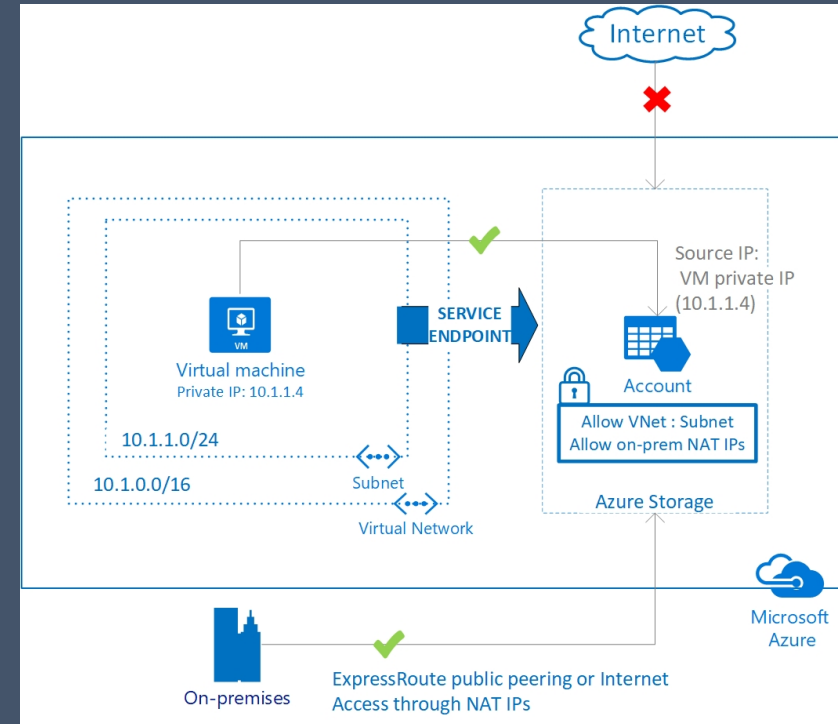


<https://cloudblogger.at>



# Azure Service endpoint

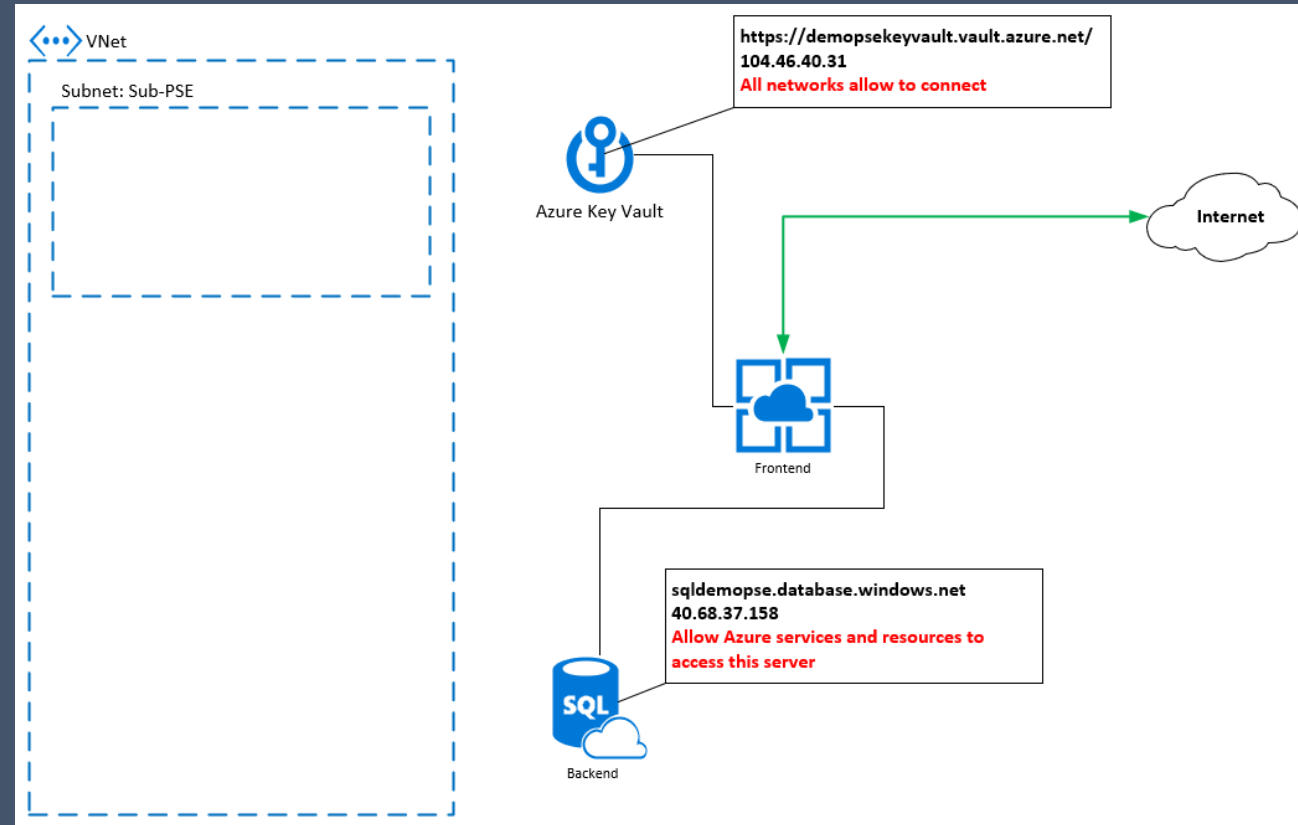
- Available to
  - Azure Storage
  - Azure SQL Database
  - Azure Synapse Analytics
  - Azure Database for PostgreSQL
  - Azure Database for MySQL
  - Azure Database for MariaDB
  - Azure Cosmos DB
  - Azure Key Vault
  - Azure Service Bus
  - Azure Event Hubs
  - Azure Data Lake Store Gen 1
  - Azure App Service
  - Azure Cognitive Services



<https://cloudblogger.at>

# Architecture sample (SE)

## Current



<https://cloudblogger.at>

# Switch to the Live Demo!

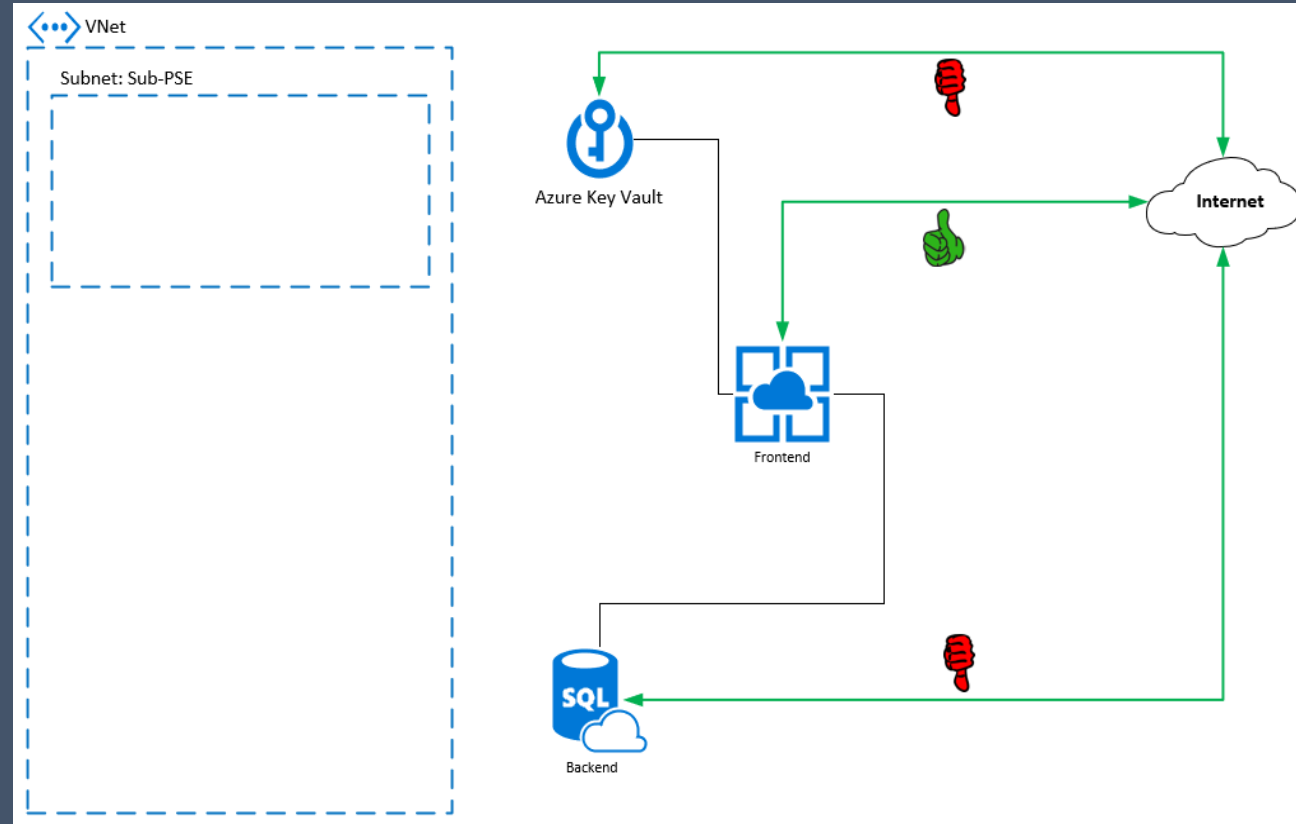
APPLAUSE

- Demonstate service endpoint based on demo architecture
- Demonstate private link based on demo architecture

<https://cloudblogger.at>

# Architecture sample (SE)

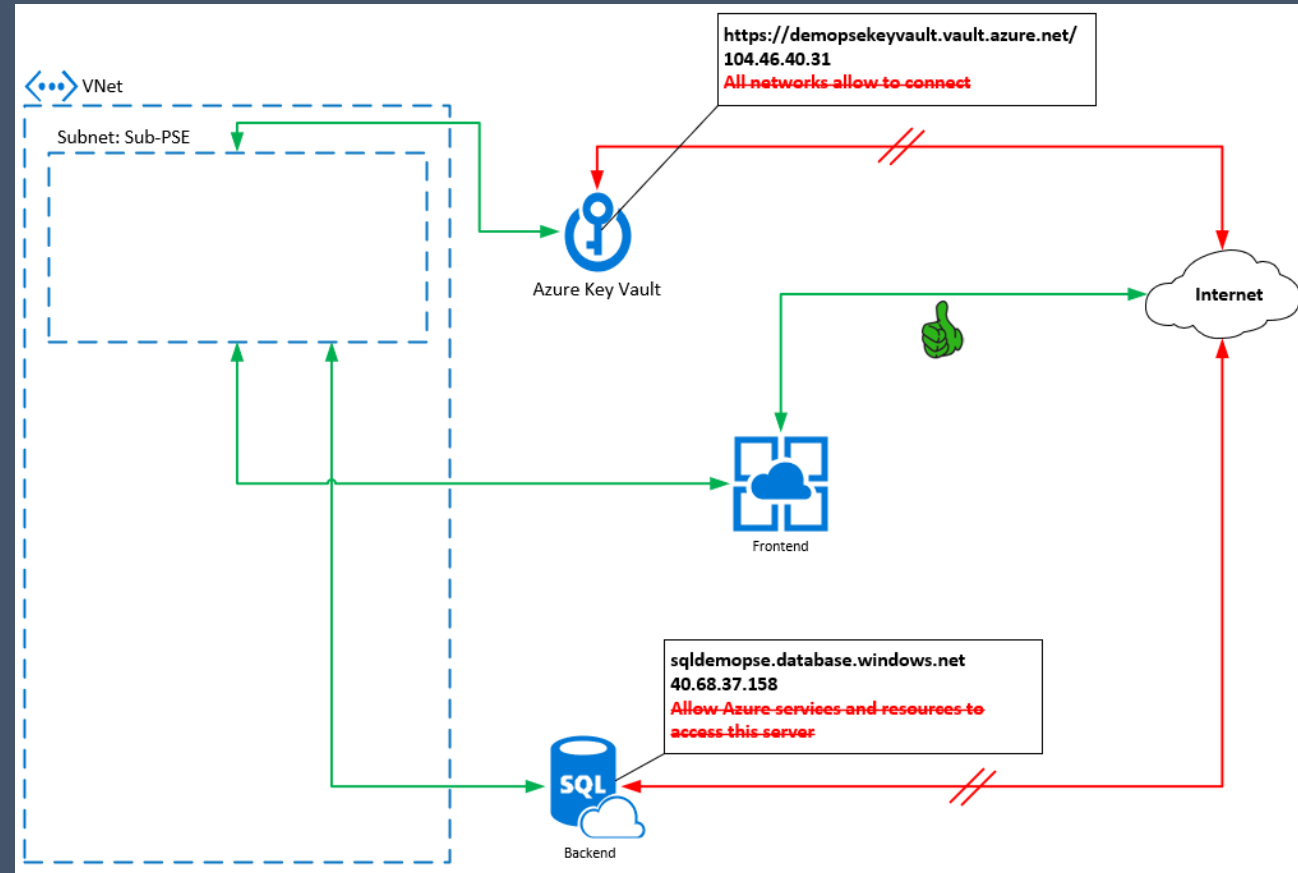
## The bad thing



<https://cloudblogger.at>

# Architecture sample (SE)

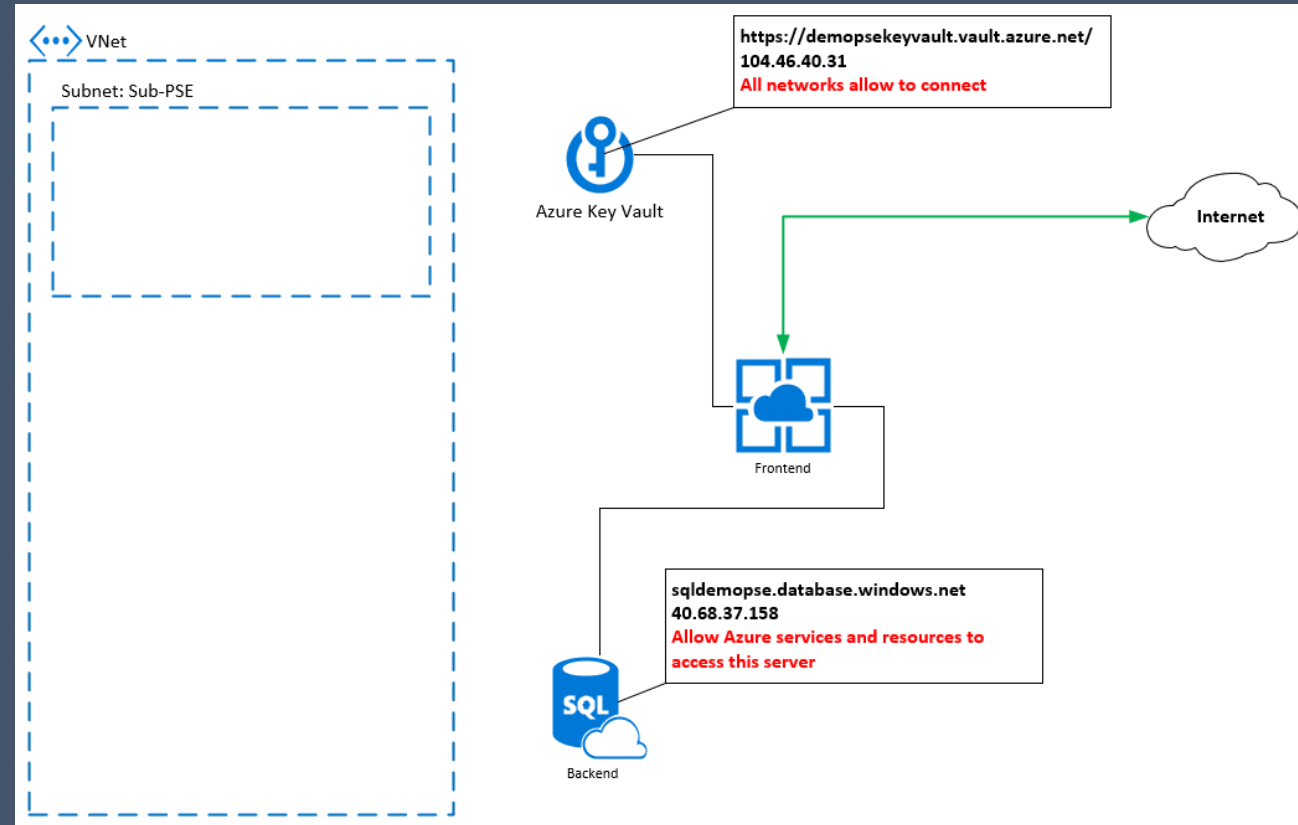
## Goal



<https://cloudblogger.at>

# Architecture sample (PL)

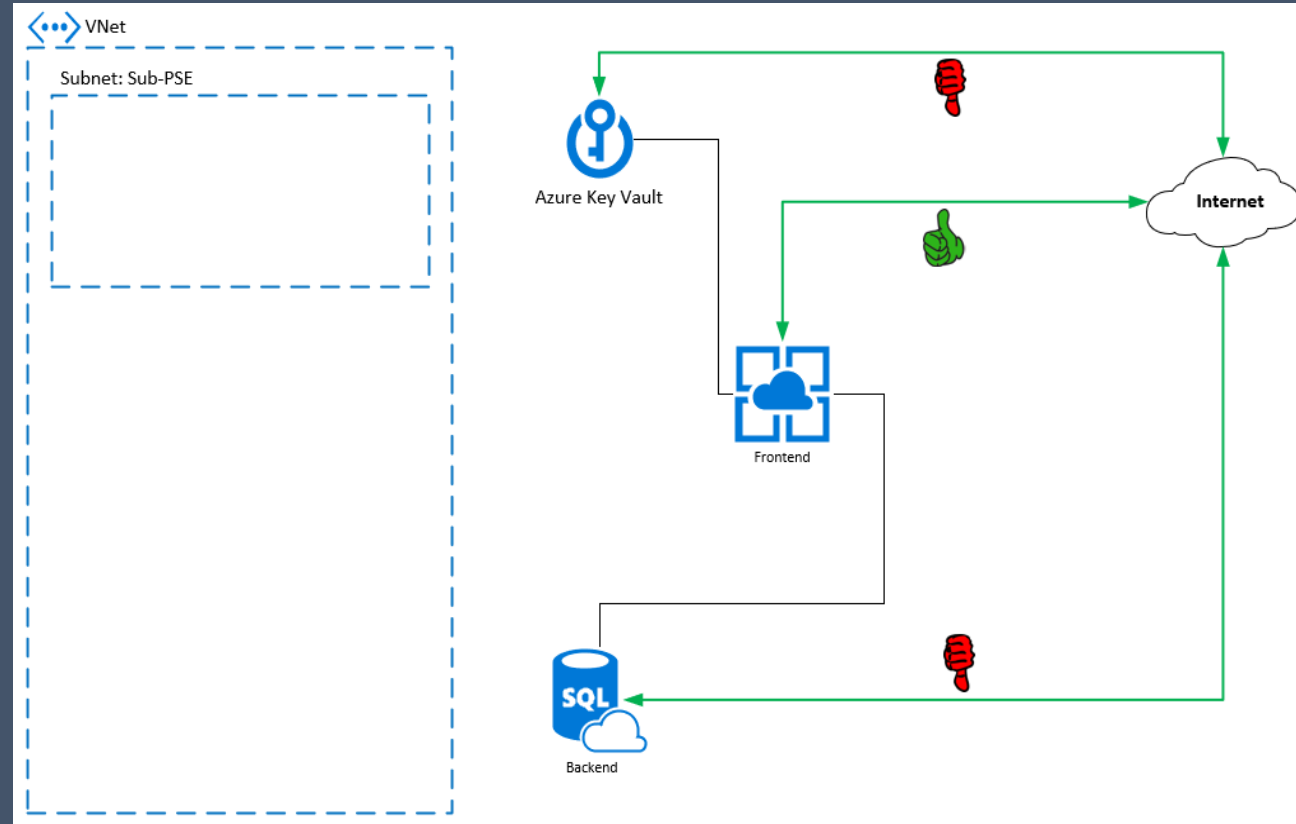
## Current



<https://cloudblogger.at>

# Architecture sample (PL)

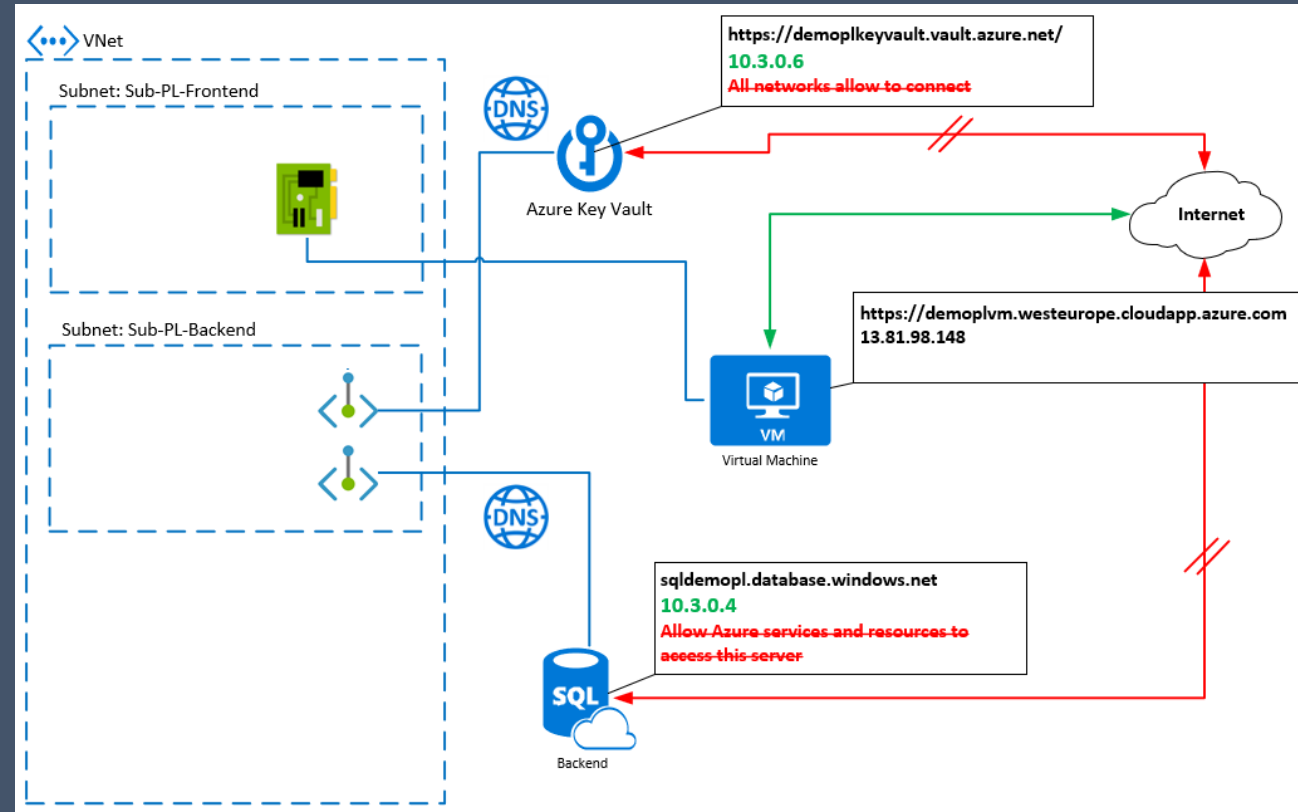
## The bad thing



<https://cloudblogger.at>

# Architecture sample (PL)

## Goal



<https://cloudblogger.at>