About me

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Welcome to a new session about

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Using Azure Cloudshell

Video Type: Nugget

Video Category: Level-100

Session Agenda

- Azure Cloud Shell?
- Configure Azure Cloud Shell
- Persistent storage
- Tools & Features
- Pricing
- Demo

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Azure Cloud Shell?

- Browser-accessible, pre-configured shell experience
- Without the overhead of
  - Installing
  - Versioning
  - Maintaining a machine
- Cloud Shell runs on Ubuntu 16.04 LTS
- Support Azure CLI and Azure PowerShell

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Configure Azure Cloud Shell

- In Azure Portal ,direct link or VSCode
- Azure Storage Account is needed
    - With Azure File Storage
- No charge for machine only for storage space!!

Persistent storage

- Persitent storage for Azure Cloud Shell
  - Mounted in session as $HOME\clouddrive
- Files outside aren't persitent!
- Always store secrets in Azure KeyVault

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Tools & Features

- Drive „Azure:" for easy Azure resource management
- Multible Cloud Shell windows
- Up and download support
- Separate editor available
- Integrated into
  - Azure Portal
  - Direct Link
  - VS-Code

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Pricing

- No VM charge

- No Azure Ingress traffic

- Azure file storage ~0.20€ for
  - ~1GB Data at-rest, Snapshots and Metadata at-rest
  - 10000 Read, Write, List and all Other transactions

- Azure Egress traffic €0.017 per GB

Switch to the Live Demo!

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- Configure Azure Cloud Shell
- Where I can find Azure Cloud Shell
- Azure Cloud Shell in practice