MANAGING IN AZURE

THE PORTAL, THE SHELL, THE API, & THE CLI

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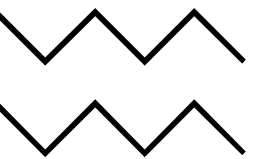# Meet Mike

🐦 mikenelsonio
in nelmedia
⊙ mikenelson-io

- 35+ years in tech

- Experience from Helpdesk to Architect

- Scripter, not a coder

- Passion for community, teaching, learning

- Midwest USA husband & dad

- Beer, BBQ, & Gadgets

Agenda

WHAT EACH SOLUTION
MEANS FOR YOU

WALKTHROUGHS

THE PORTAL

Blades & Pop-outs

- Very well organized <> massive volume
- Clickety, click, click
- Lookups are awesome
- Check my work
- Dupe it with Templates
- Learn the code for ARM/Bicep
- Dashboard lover
- What went wrong??

THE SHELL

Cloud Shell

Bash & PoSH

~40 apps/languages + roll-ur-own
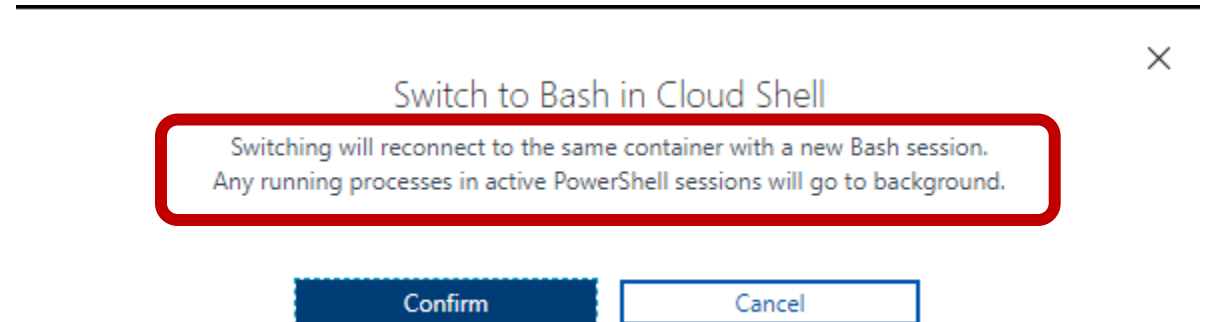
Shell + folders + symlinks

Monaco editor (VSCode mini-me)

Shell-as-a-Service (no control)
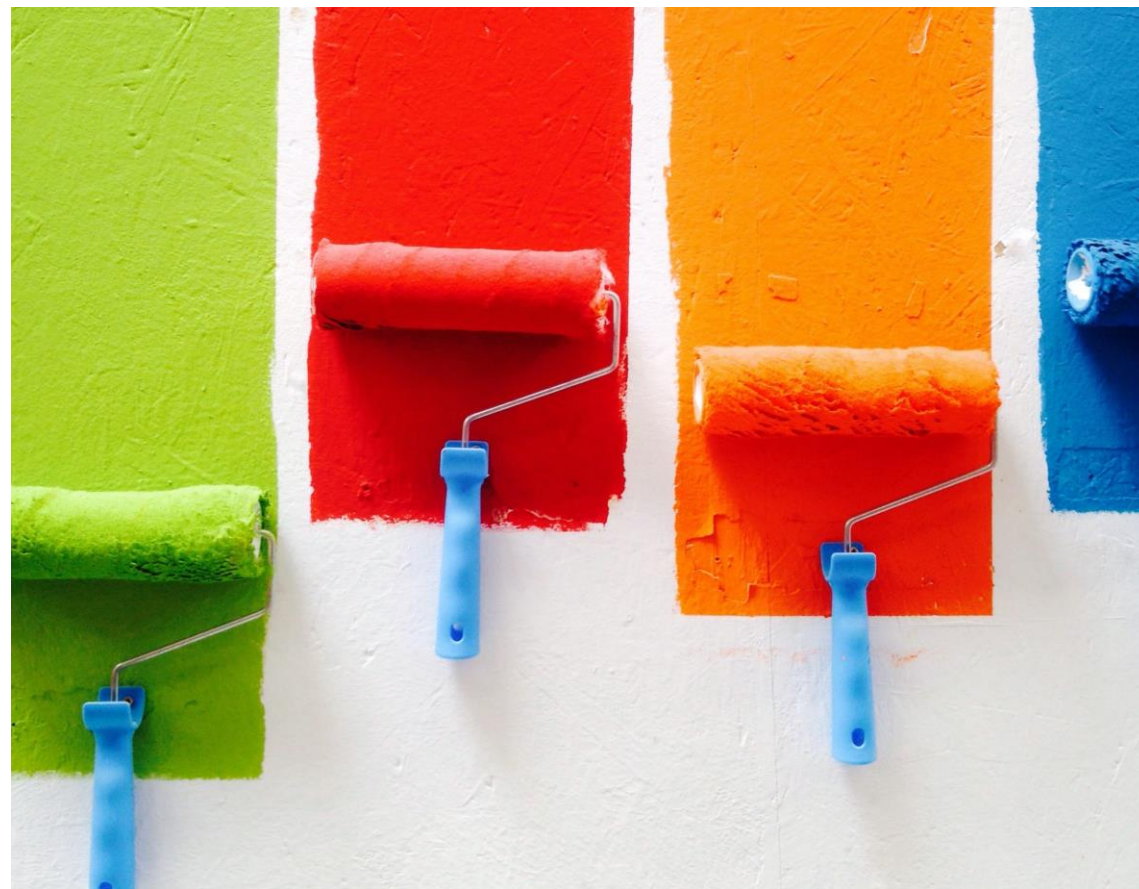
Not for big or long jobs

Use it on your mobile

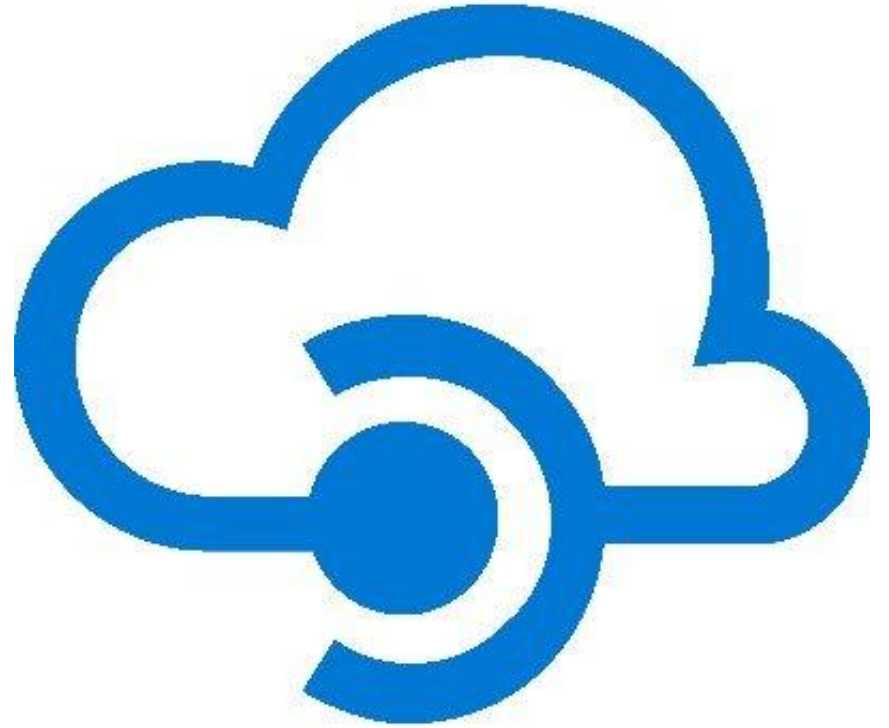Integrations - Terminal, VSCode, Docker
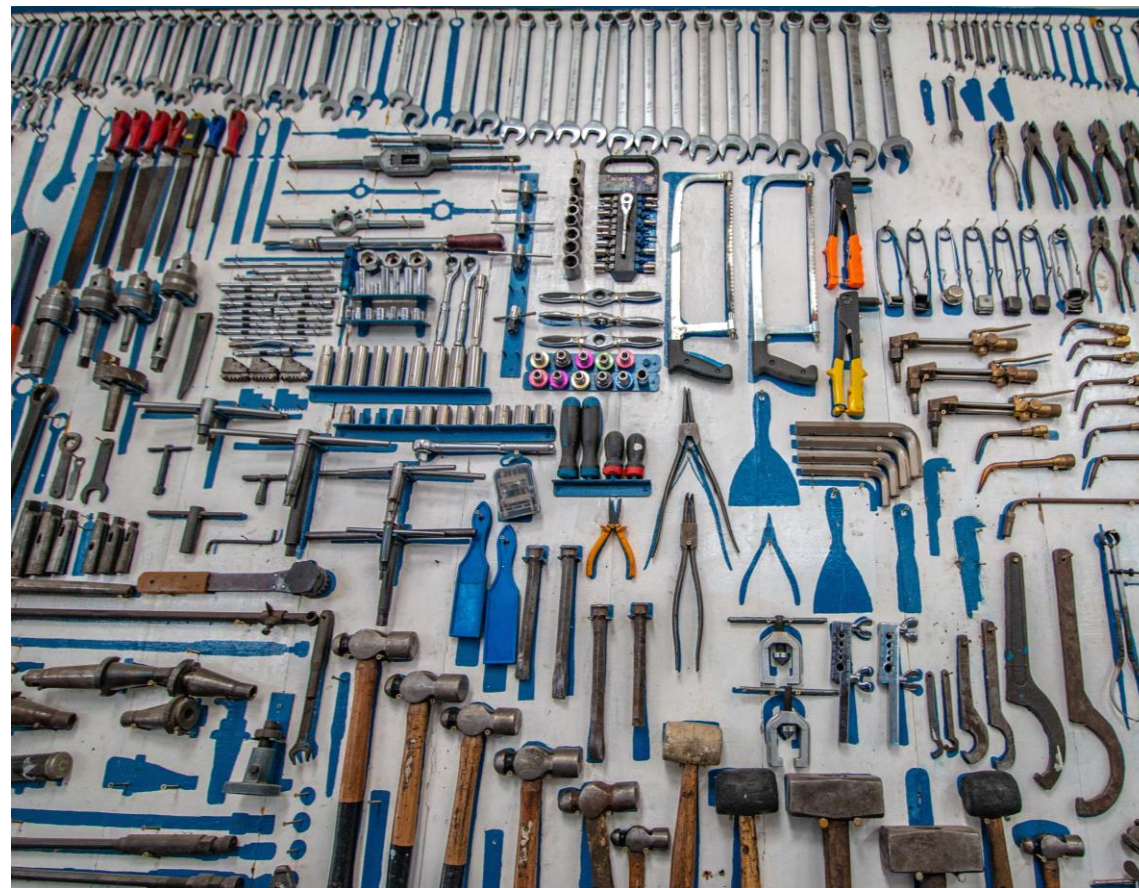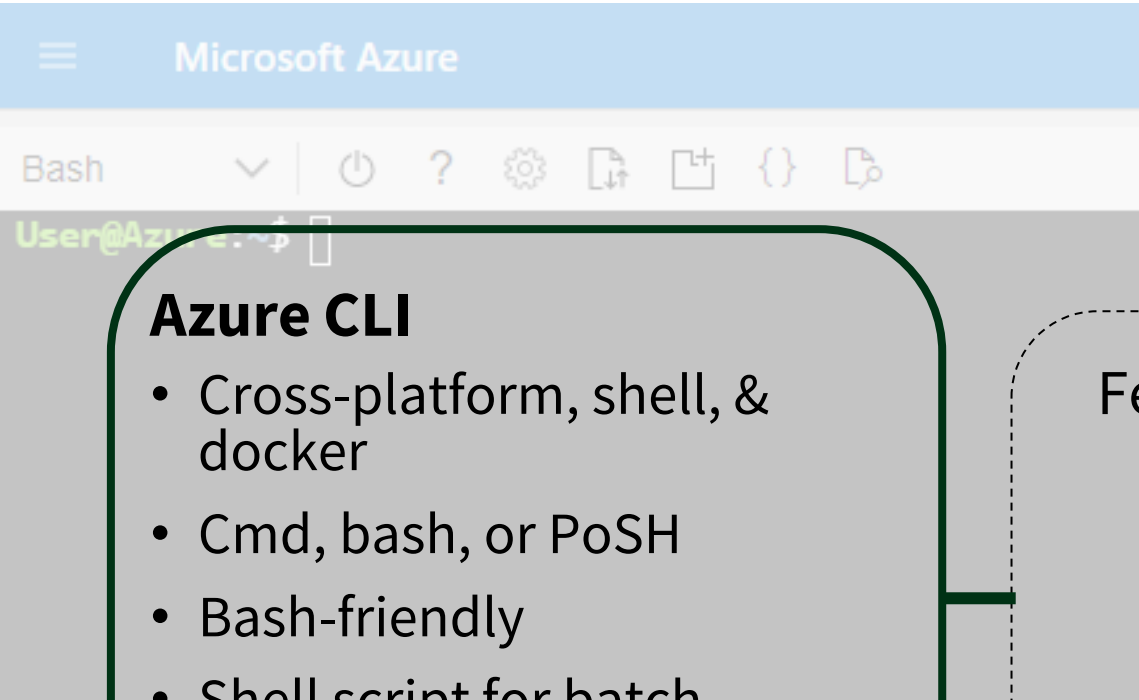
Free as in "free beer"

THE API

Azure REST API

- PowerShell SDK - 6500+
- Endpoints to infinity
- VSCode, Postman, etc.
- M365? Use Graph
- Keeping up with changes

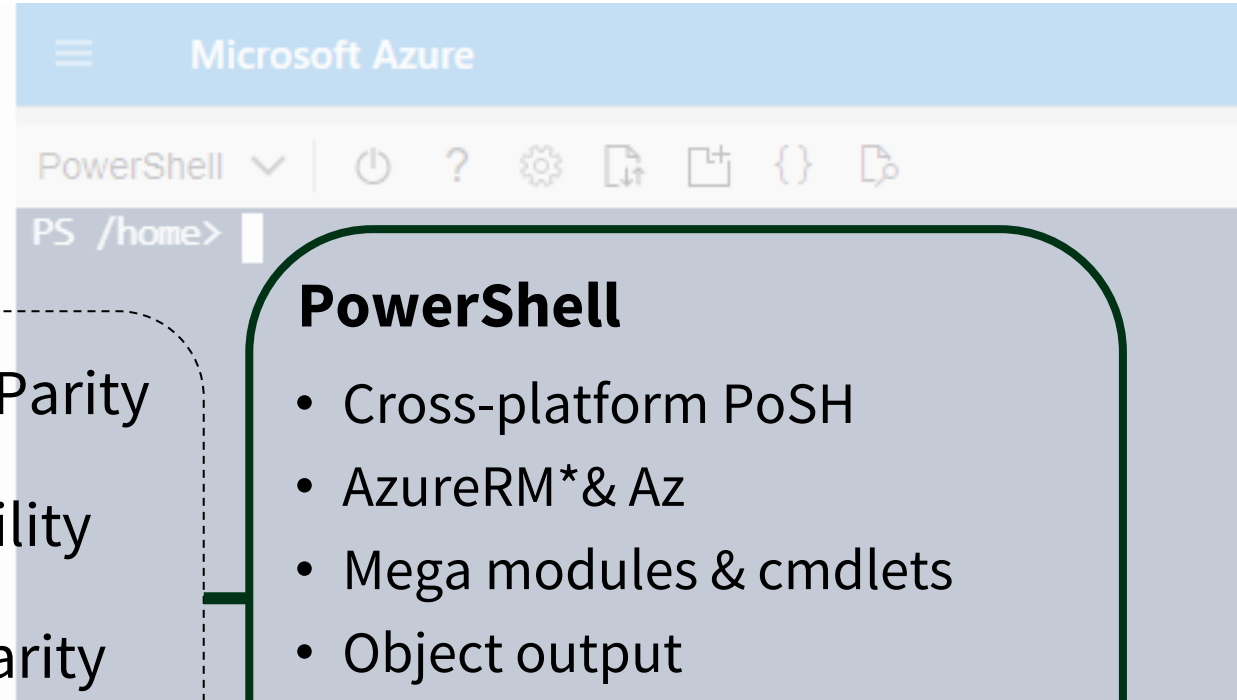# THE CLI

Az & PowerShell CLI's

Azure CLI

- Cross-platform, shell, & docker
- Cmd, bash, or PoSH
- Bash-friendly
- Shell script for batch
- JSON output

Feature Parity

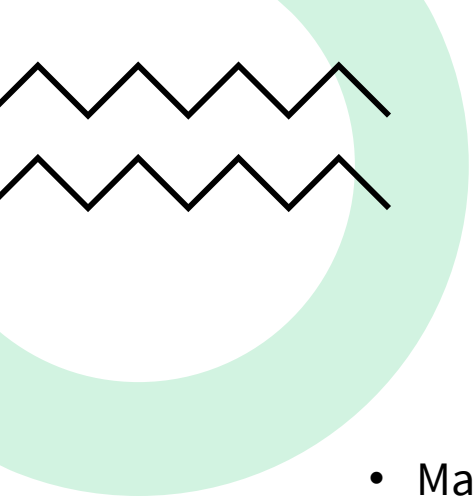Flexibility

Familiarity

Try something new

PowerShell

- Cross-platform PoSH
- AzureRM*& Az
- Mega modules & cmdlets
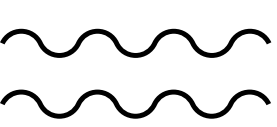- Object output
- PoSH is PoSH

AureRM is EOL 2/2024

DEMOS

- Managing and scripting SQL is easy with the Shell
- az sql & dbatools for the win!
- The API is enormous, has everything, & very complex
- Cloud Shell is not a dev platform & is the most inclusive
- Az CLI gets love from its roots & adapts quicker than PowerShell
- Choose for you & your goals, not just because
- Automate Everything!
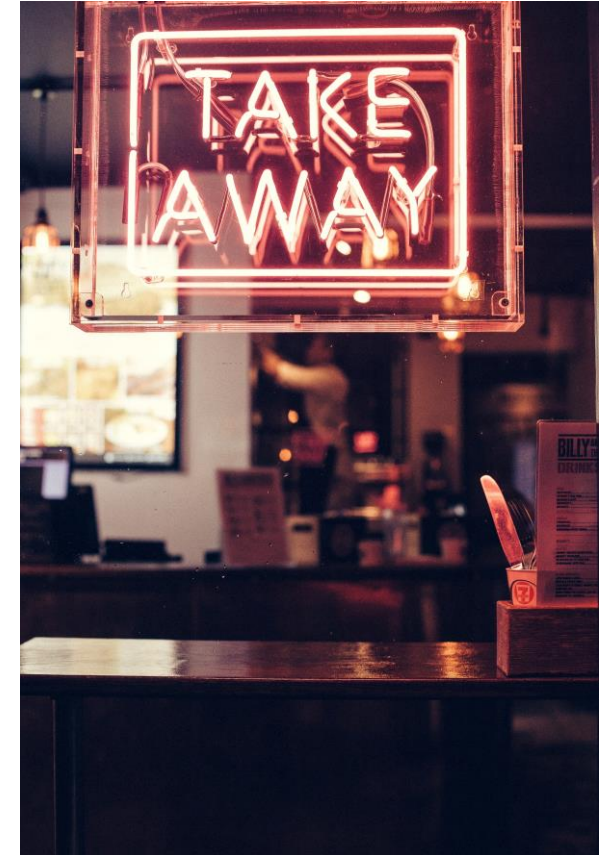
Thank you!

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