

# Take Command of AWS Command Line

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# David Cobb

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## Presenter

### Past Roles:

Tech Support, Network Admin,  
Web Developer, DBA

### Current:

Systems Architect for [CheckAlt.com](https://CheckAlt.com)  
Continuous Learner

### Certified:

Azure MCSA Cloud Admin  
AWS Sysops Associate  
MCT, SQL

# You?

- Cloud experience?
- Dev, Admin, or ?
- Windows or Linux or Mac?
- Cmd.exe, PowerShell, bash, zsh?

# Goals for this session

- Focusing on the ***basics*** of AWS command line, also called **aws-cli**.
- ***Helping beginners through the hardest part, the first mile of the learning process.***
- Encourage students of the cloud to invest in learning command line, one edge of the puzzle of mastering cloud!

# Why is command line the best thing ever?

- “A gui makes simple things easy and difficult things impossible. The command line makes *simple things difficult* and *difficult things possible*.”  
–Random internet person

# Why cloud command line?

- Investing in command line skill in the cloud will enable adaptability and productivity in any cloud...
  - AWS, Azure, Google Cloud Engine and others.
- Foundational skill for DevOps and many I.T. roles in the cloud

# What AWS features can be managed from AWS Command Line?

- New AWS IaaS features and services provide full AWS Management Console functionality through the API and CLI *at launch or within 180 days of launch* ([link](#)).
- 'Only' these services here (176 in Feb 2019).

# How do we start?

## Install AWS-CLI onto your shell

- Use the docs! <https://aws.amazon.com/cli/>
- Linux
  - Install with pip
    - *pip install awscli*
- Windows
  - Use installer msi
  - Bonus points: Use chocolatey!
    - *choco install awscli*

# Feeling brave? Like previews? Try AWS-Shell

- **An alternative to installing awscli in your shell, you can try this shell instead**
- **‘The interactive productivity booster for the AWS CLI’**
- ***In developer preview***
- **<https://github.com/awslabs/aws-shell>**
- You can install the aws-shell using pip:
  - \$ pip install aws-shell
- Run aws-shell from your shell
- Worth trying out as you get familiar with aws-cli

# My aws-cli 'stack'

- OS - Win 10 Pro
- Shell – PowerShell 5.1
- Editor – Visual Studio Code

# Got AWS?

- Create AWS account and dive in!
- Choose free tier options where possible
- Deprovision objects when you're done learning

# Create your cli user

- Login to console
- Use IAM
  - create user, right level of access (admin)
  - CLI access only
- (Demo)

Enough slides, lets get into the shell.

- Aws configure
- Aws s3
- Aws polly
- Aws lightsail

# Useful references

- <https://github.com/dave-007/sfcc-take-control-of-aws-command-line>
- Submit an issue on github, inspire me to keep exploring awscli

# Questions?

- Did I encourage you to jump into cloud command line?
- Please reach out with any and all feedback 😊
- [David@davidcobb.net](mailto:David@davidcobb.net) / [linkedin.com/in/davidcobb](https://linkedin.com/in/davidcobb)
- Thanks!