

Take Command of AWS Command Line

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Presenter

Past Roles:

Tech Support, Network Admin,
Web Developer, DBA

Current:

Systems Architect for 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 / linkedin.com/in/davidcobb
- Thanks!