

# Azure CLI: Getting Started

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## INTRODUCING THE AZURE CLI



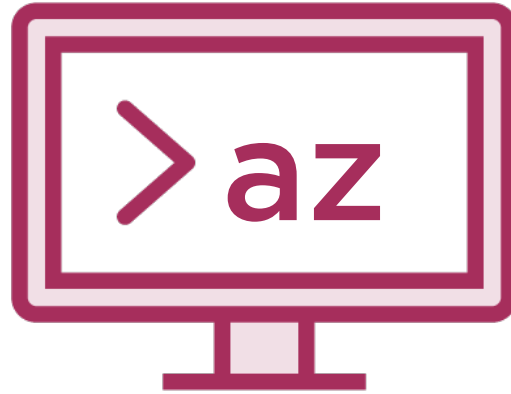
**Mark Heath**

CLOUD ARCHITECT

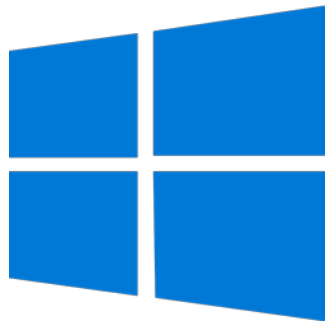
@mark\_heath [www.markheath.net](http://www.markheath.net)



# What Is the Azure CLI?



A cross-platform command line interface for managing Azure resources



# Managing Azure Resources



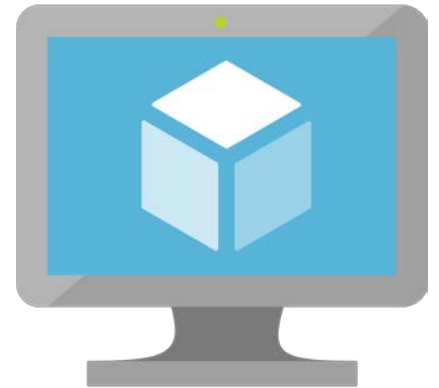
Create new  
resources



Query existing  
resources



Update existing  
resources



Delete  
resources

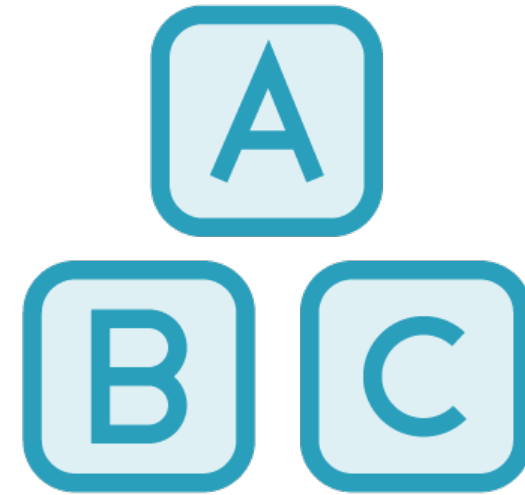


# What's in This Course?



## **Working with the Azure CLI**

Create, query, update and delete  
Azure resources



## **Getting Started**

How to install the Azure CLI  
and why you want to use it



# Options for Managing Azure Resources



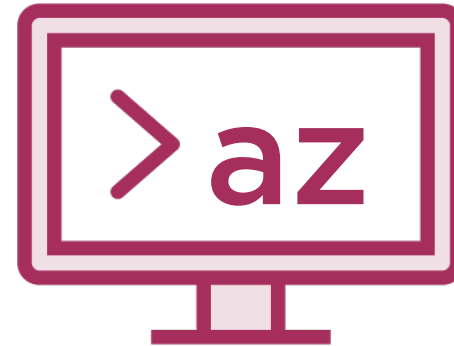
[portal.azure.com](https://portal.azure.com)

Great for exploring  
Not automated



Azure PowerShell

Comprehensive  
Great for Windows



Azure CLI

Cross-platform  
Comprehensive  
Open Source

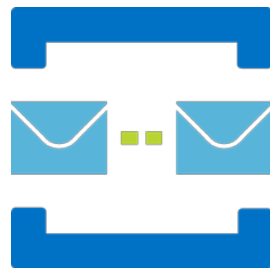
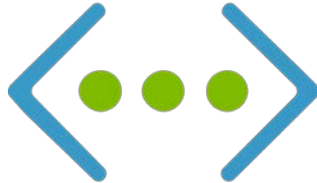
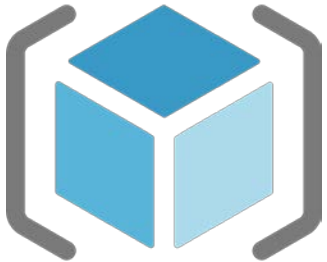


SDKs

Fluent .NET API  
Other languages  
Service Principal



# What Can You Manage with the Azure CLI?



# Demo



Log in with the CLI

Select a subscription



# Demo



Exploring subcommands

Getting help

Interactive mode





# Demo



## Formatting output



# Demo



Filtering output with `--query`  
JMESPath



```
az network public-ip show  
-n mypublicip  
-g myresourcegroup  
--query ipAddress  
-o tsv
```

- ◀ Get details of a public IP
- ◀ Query for IP address only
- ◀ Get details of a key vault secret
- ◀ Query for secret value only
- ◀ Get details of a load balancer
- ◀ Query for front end port



# Demo



## Introducing Azure Cloud Shell

### Use Azure CLI in the browser



# Summary



## Azure CLI

- Cross-platform
- Manage Azure resources from the command line

## Easy to learn and explore

- Get help with -h

## Log in and select subscription

- az login
- az subscription set

## Filter output with JMESPath queries

## Azure Cloud Shell



Up next ...

Managing VMs with the  
Azure CLI

