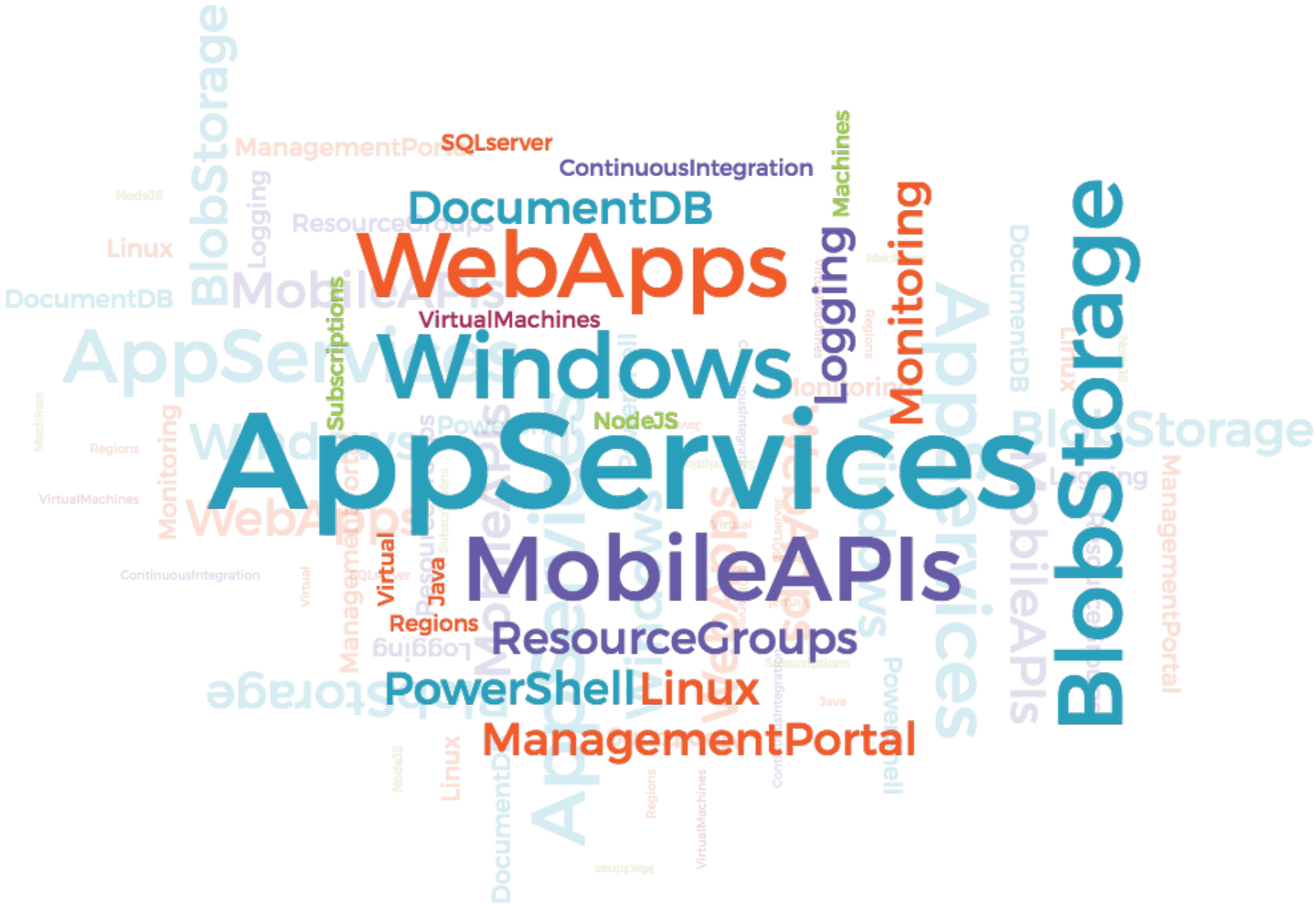
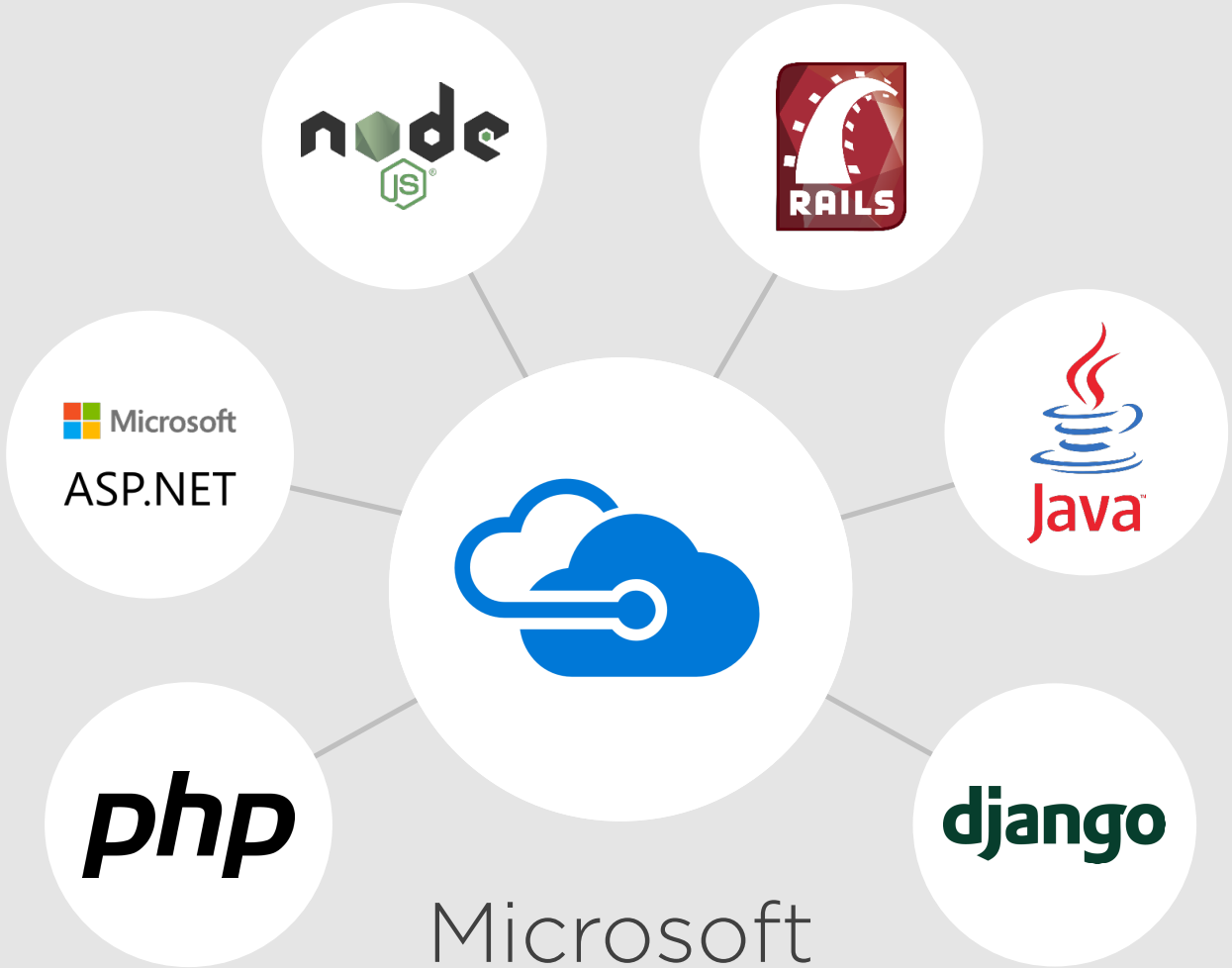
Developing with .NET on Microsoft Azure - Getting Started

FOUNDATIONAL CONCEPTS

Scott Allen

@OdeToCode – http://OdeToCode.com

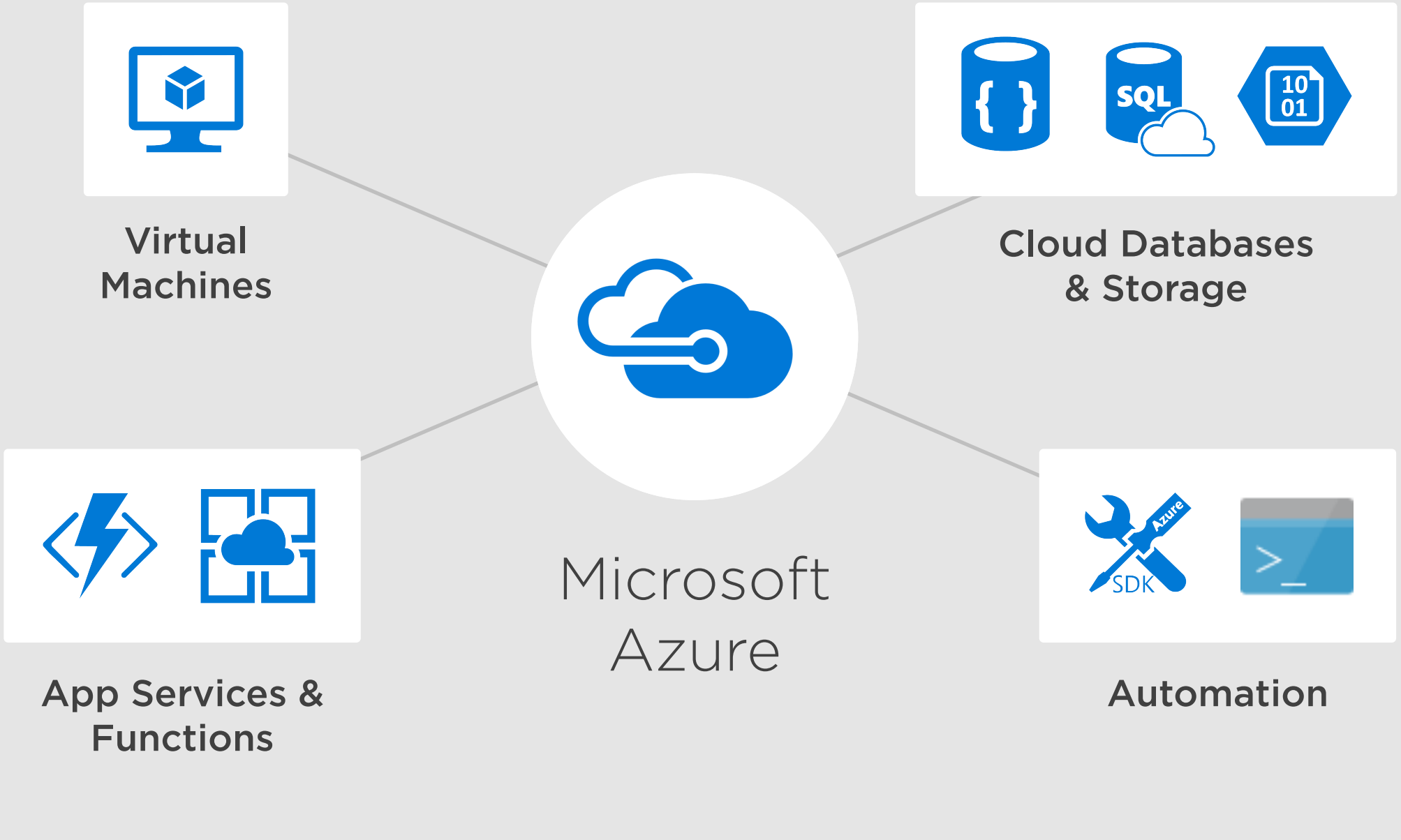

SQLserver
ContinuousIntegration
DocumentDB
WebApps
VirtualMachines
Windows
Logging
Machines
Monitoring
Subscriptions
NodeJS
AppServices
BlobStorage
MobileAPIs
Virtual
Java
Regions
ResourceGroups
PowerShell
Linux
ManagementPortal

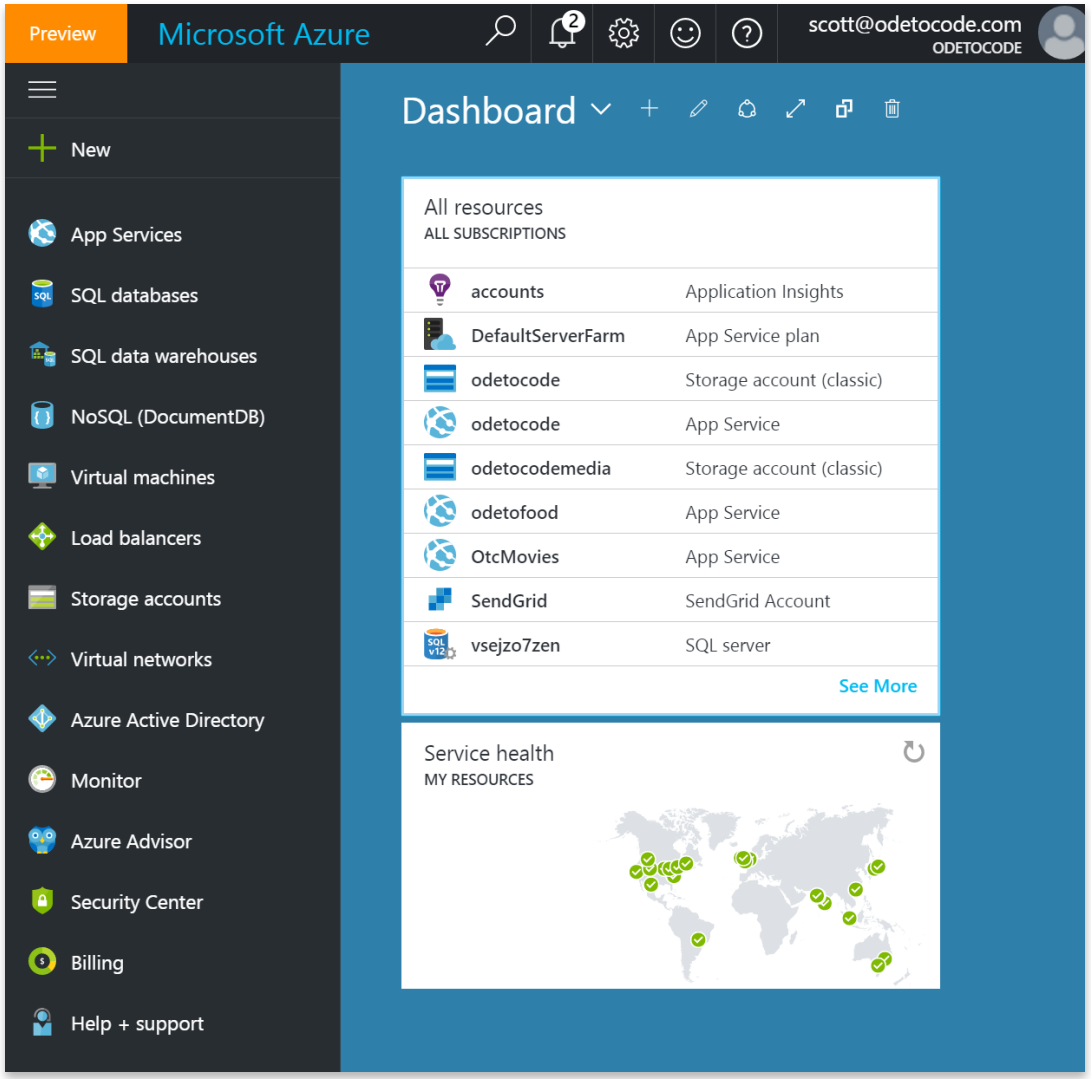


Microsoft
Azure

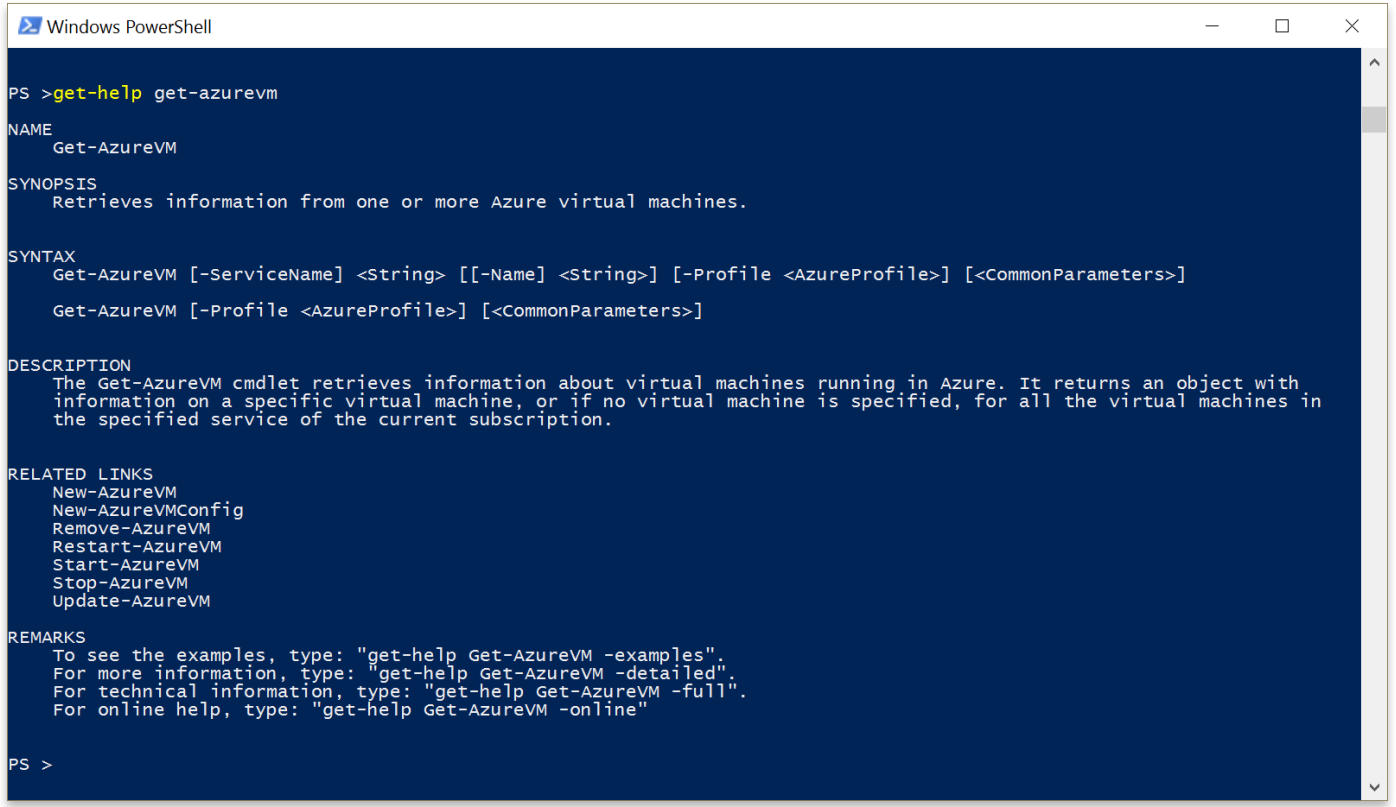
Azure Data Centers

https://azure.microsoft.com/en-us/regions/

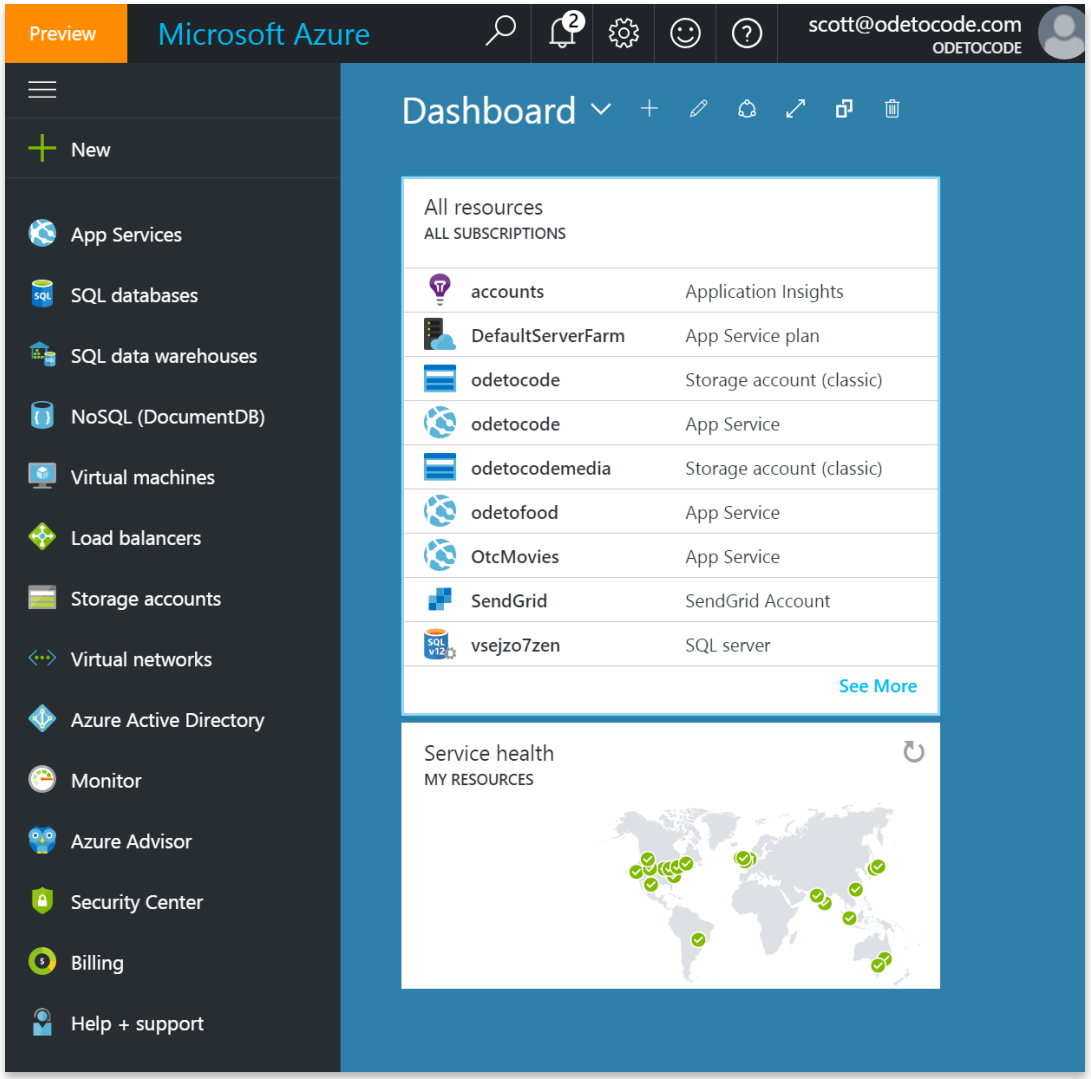

Virtual Machines
Cloud Databases & Storage
Microsoft Azure
App Services & Functions
Automation
SQL
10 01
Azure
SDK


Preview
Microsoft Azure
2
scott@odetocode.com
ODETOCODE
New
App Services
SQL databases
SQL data warehouses
NoSQL (DocumentDB)
Virtual machines
Load balancers
Storage accounts
Virtual networks
Azure Active Directory
Monitor
Azure Advisor
Security Center
Billing
Help + support
Dashboard
All resources
ALL SUBSCRIPTIONS
accounts
Application Insights
DefaultServerFarm
App Service plan
odetocode
Storage account (classic)
odetocode
App Service
odetocodemedia
Storage account (classic)
odetofood
App Service
OtcMovies
App Service
SendGrid
SendGrid Account
vsejzo7zen
SQL server
See More
Service health
MY RESOURCES

Web Portal

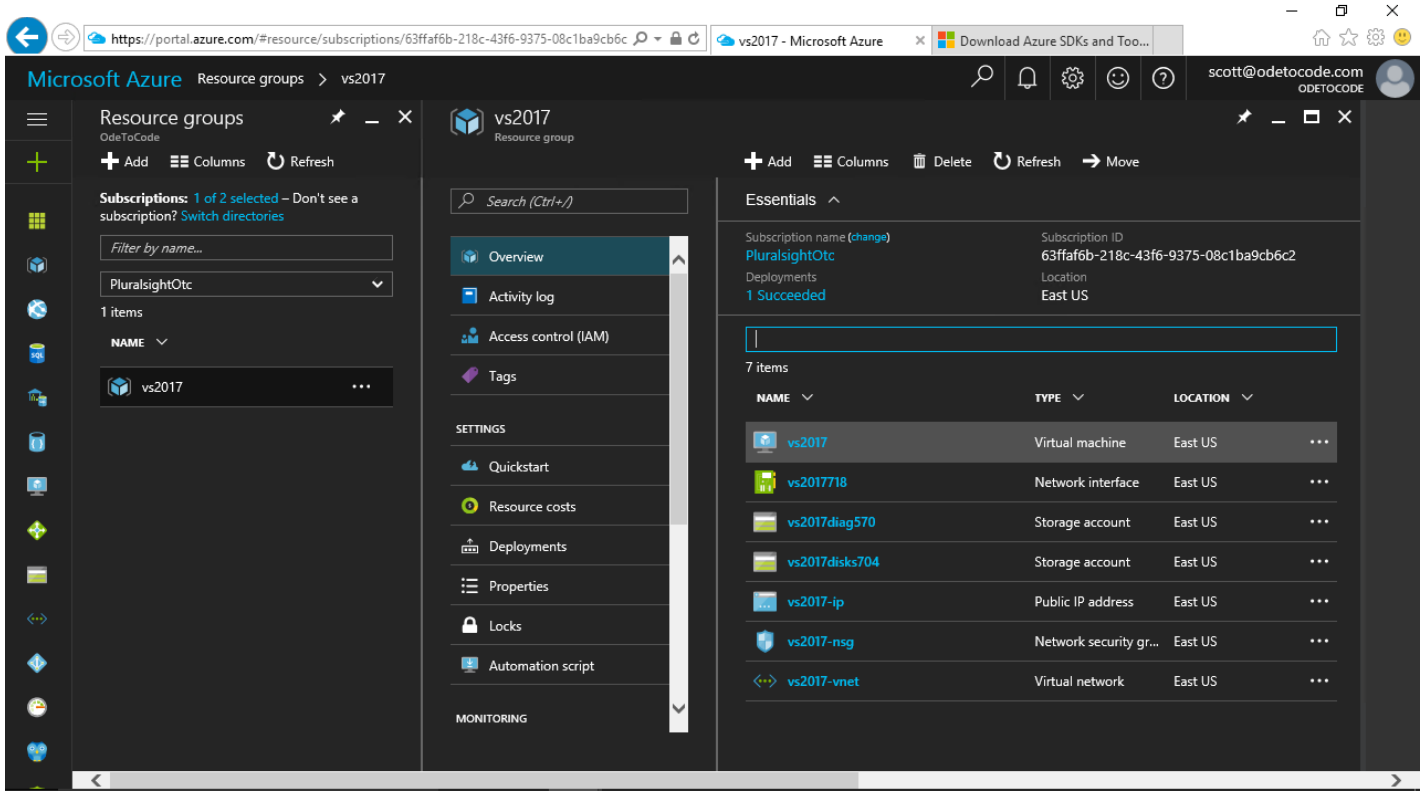

Windows PowerShell
PS >get-help get-azurevm
NAME
Get-AzureVM
SYNOPSIS
Retrieves information from one or more Azure virtual machines.
SYNTAX
Get-AzureVM [-ServiceName] <String> [[-Name] <String>] [-Profile <AzureProfile>] [<CommonParameters>]
Get-AzureVM [-Profile <AzureProfile>] [<CommonParameters>]
DESCRIPTION
The Get-AzureVM cmdlet retrieves information about virtual machines running in Azure. It returns an object with information on a specific virtual machine, or if no virtual machine is specified, for all the virtual machines in the specified service of the current subscription.
RELATED LINKS
New-AzureVM
New-AzureVMConfig
Remove-AzureVM
Restart-AzureVM
Start-AzureVM
Stop-AzureVM
Update-AzureVM
REMARKS
To see the examples, type: "get-help Get-AzureVM -examples".
For more information, type: "get-help Get-AzureVM -detailed".
For technical information, type: "get-help Get-AzureVM -full".
For online help, type: "get-help Get-AzureVM -online"
PS >

PowerShell


Preview
Microsoft Azure
2
scott@odetocode.com
ODETOCODE
New
App Services
SQL databases
SQL data warehouses
NoSQL (DocumentDB)
Virtual machines
Load balancers
Storage accounts
Virtual networks
Azure Active Directory
Monitor
Azure Advisor
Security Center
Billing
Help + support
Dashboard
All resources
ALL SUBSCRIPTIONS
accounts
Application Insights
DefaultServerFarm
App Service plan
odetocode
Storage account (classic)
odetocode
App Service
odetocodemedia
Storage account (classic)
odetofood
App Service
OtcMovies
App Service
SendGrid
SendGrid Account
vsejzo7zen
SQL server
See More
Service health
MY RESOURCES

Web Portal

Summary


https://portal.azure.com/#resource/subscriptions/63ffaf6b-218c-43f6-9375-08c1ba9cb6c
vs2017 - Microsoft Azure
Download Azure SDKs and Too...
Microsoft Azure
Resource groups > vs2017
scott@odetocode.com
ODETOCODE
Resource groups
OdeToCode
Add
Columns
Refresh
Subscriptions: 1 of 2 selected – Don't see a subscription? Switch directories
Filter by name...
PluralsightOtc
1 items
NAME
vs2017
vs2017
Resource group
Search (Ctrl+/)
Overview
Activity log
Access control (IAM)
Tags
SETTINGS
Quickstart
Resource costs
Deployments
Properties
Locks
Automation script
MONITORING
Add
Columns
Delete
Refresh
Move
Essentials
Subscription name (change)
PluralsightOtc
Subscription ID
63ffaf6b-218c-43f6-9375-08c1ba9cb6c2
Deployments
1 Succeeded
Location
East US
7 items
NAME
TYPE
LOCATION
vs2017
Virtual machine
East US
vs2017718
Network interface
East US
vs2017diag570
Storage account
East US
vs2017disks704
Storage account
East US
vs2017-ip
Public IP address
East US
vs2017-nsg
Network security gr...
East US
vs2017-vnet
Virtual network
East US