Mastering Microsoft Azure Resource Manager

ARCHITECTING A CLOUD FIRST STRATEGY

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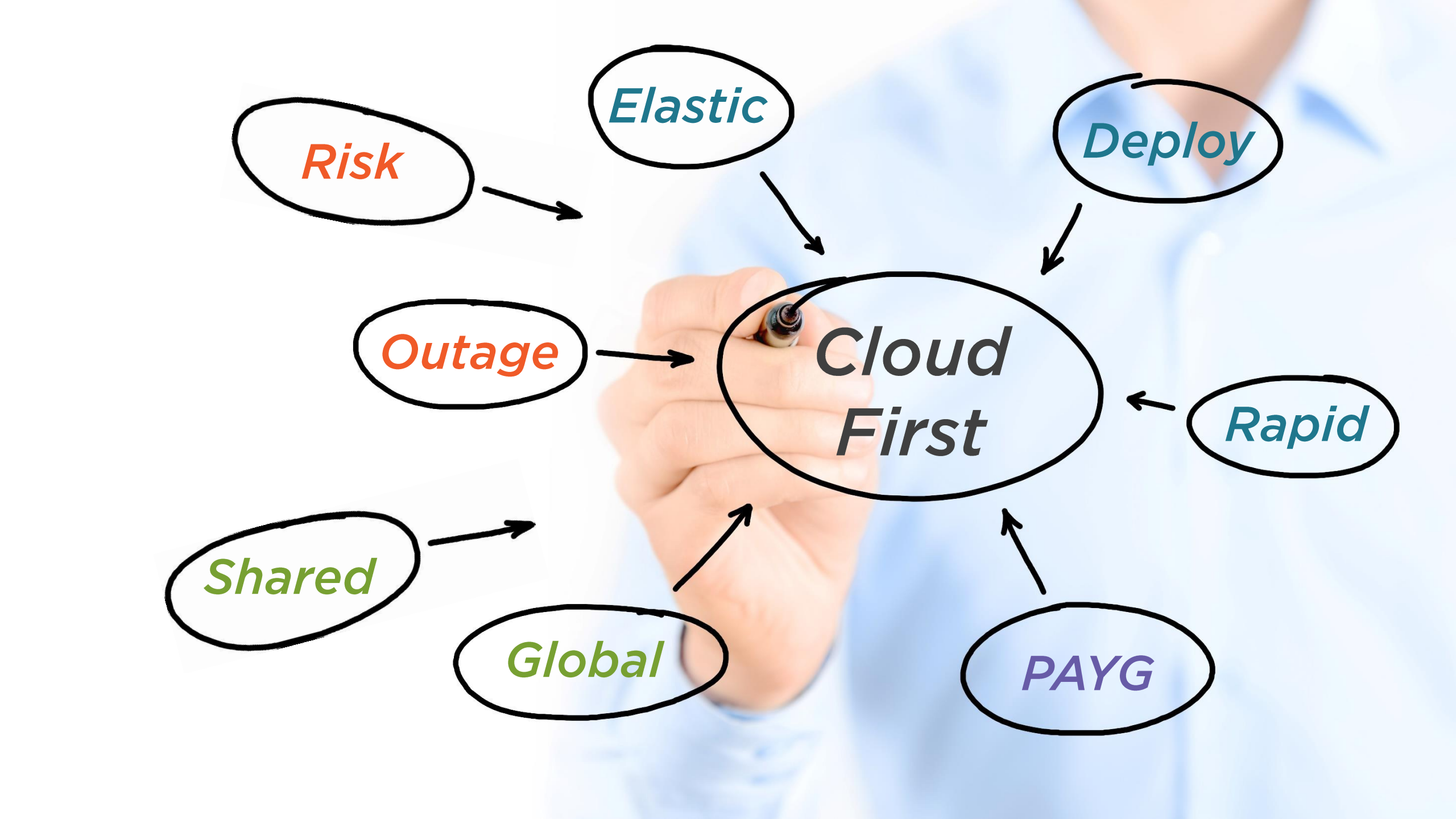

Risk
Elastic
Deploy
Outage
Cloud First
Rapid
Shared
Global
PAYG

Requirements – Private Services

No infrastructure responsibility

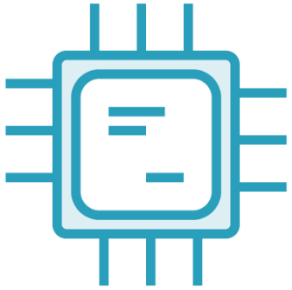
Highly available

Backup/recovery

Private office connectivity

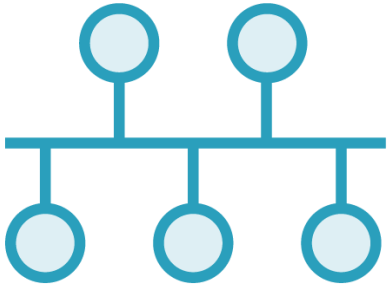
Infrastructure as a Service (IaaS)

Virtual datacenter



Compute

Storage

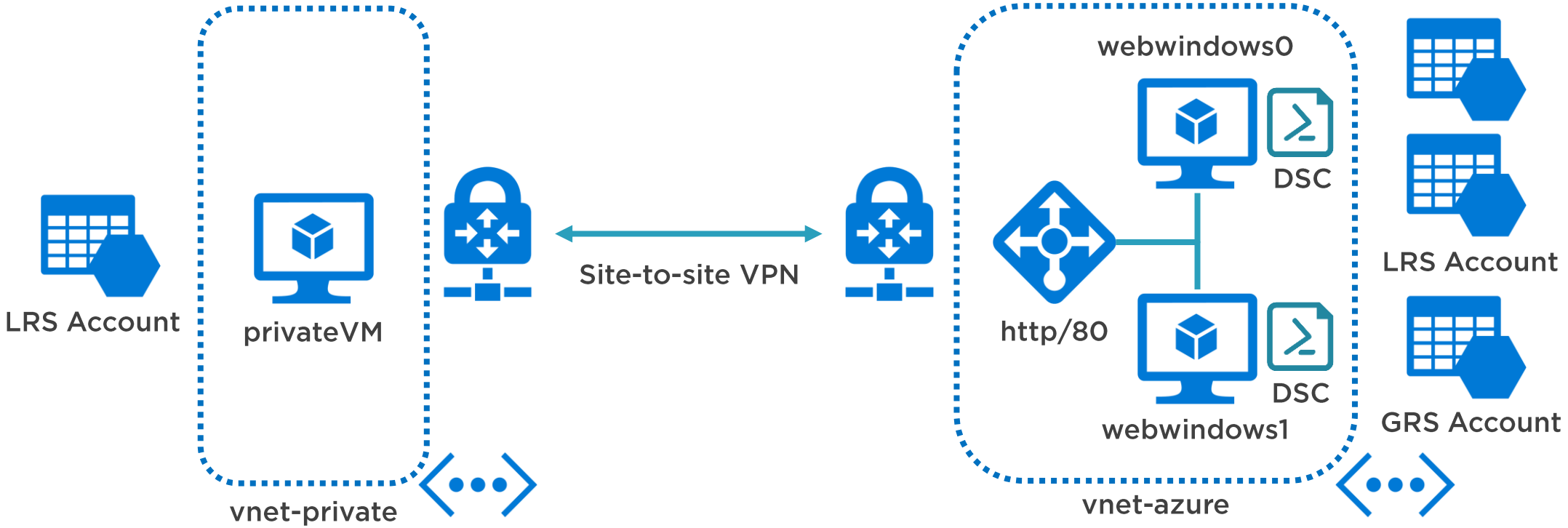


Networking

Backup/restore

Business continuity

IaaS – Solution Overview



Requirements – Public Services

No infrastructure responsibility

Easy to scale

Deploy from code

Easy to monitor

Platform as a Service (PaaS)

Builds on IaaS

Runtime

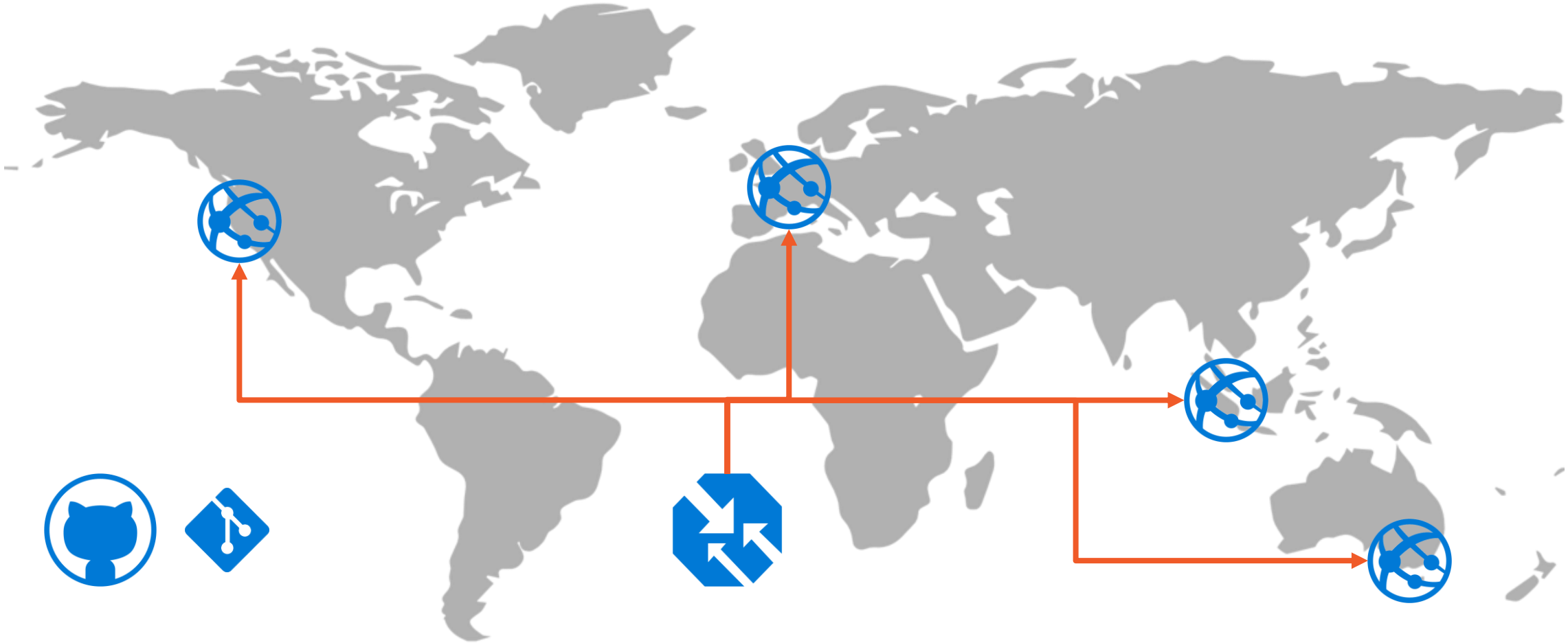
Middleware

Operating system

Applications

Data

PaaS – Solution Overview



Prerequisites

- Microsoft Azure subscription
- Azure PowerShell
- Visual Studio Community Edition
- Azure Software Development Kit (SDK)
- Visual Studio Code (VSCode)
- ARM Extension for VSCode

Planning and Installing Chef

https://www.pluralsight.com/courses/chef-planning-installing

https://github.com/jamesbannan/pluralsight

Module Summary

- Introduced Contoso
- Discussed cloud-first strategy
- Assessed private service requirements
- Discussed Platform as a Service
- Detailed proposed PaaS solution
- Assessed public service requirements
- Discussed Infrastructure as a Service
- Detailed proposed IaaS solution

Coming next: Understanding Azure Resource Manager Architecture