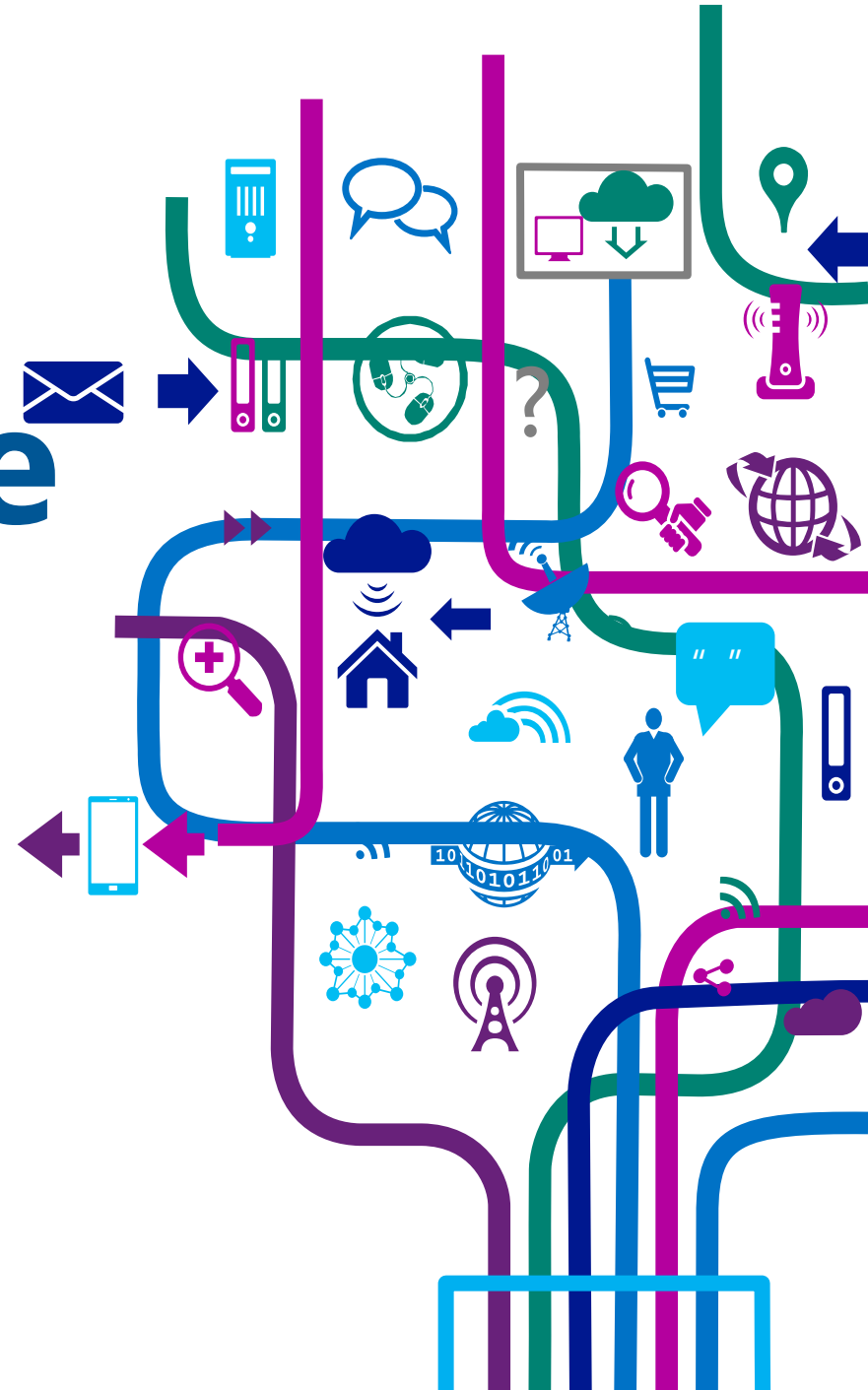Microsoft IoT Camp #5

Introduce Microsoft Azure
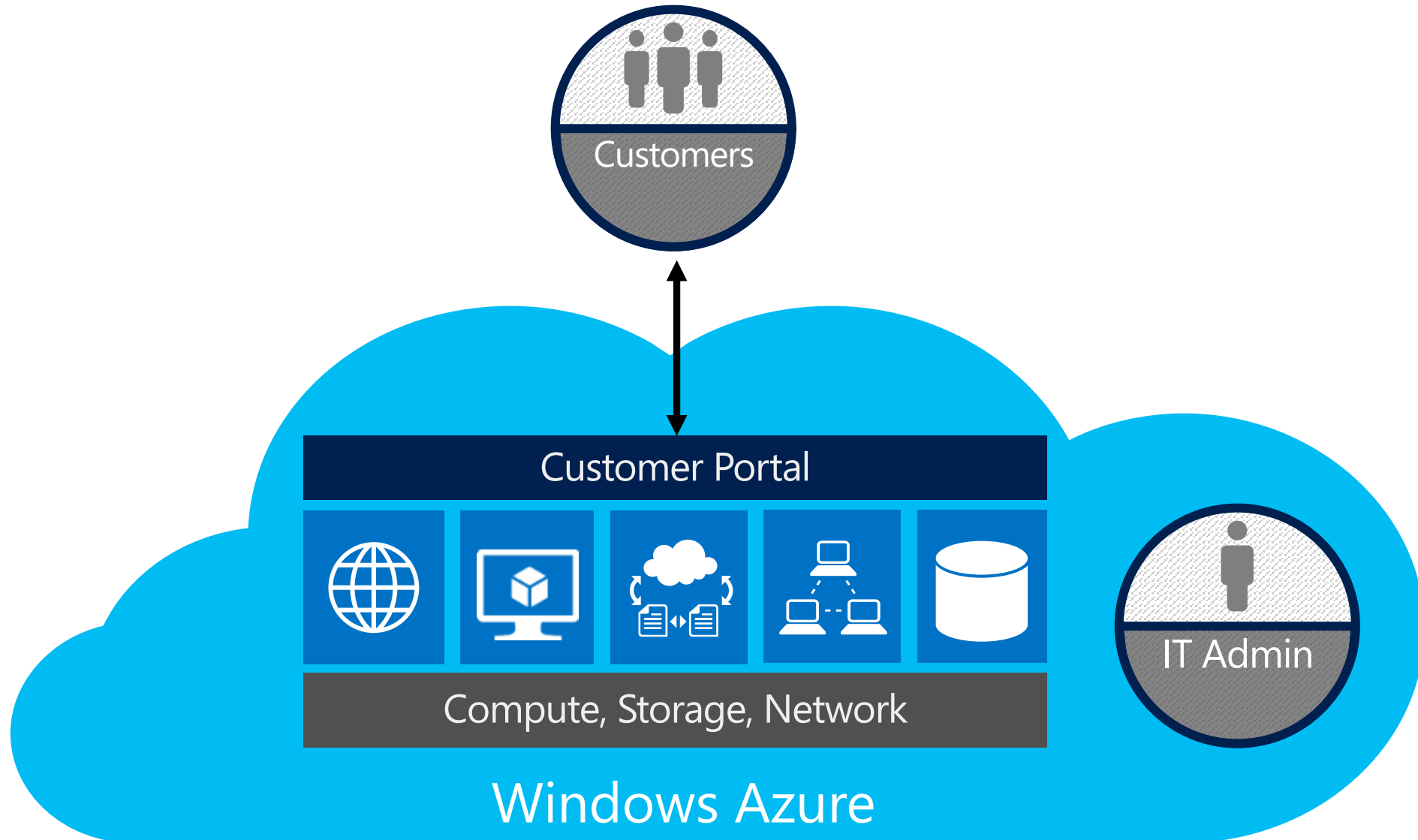
김영욱 Technical Evangelist
부장/ DX / Microsoft

youngwook@outlook.com
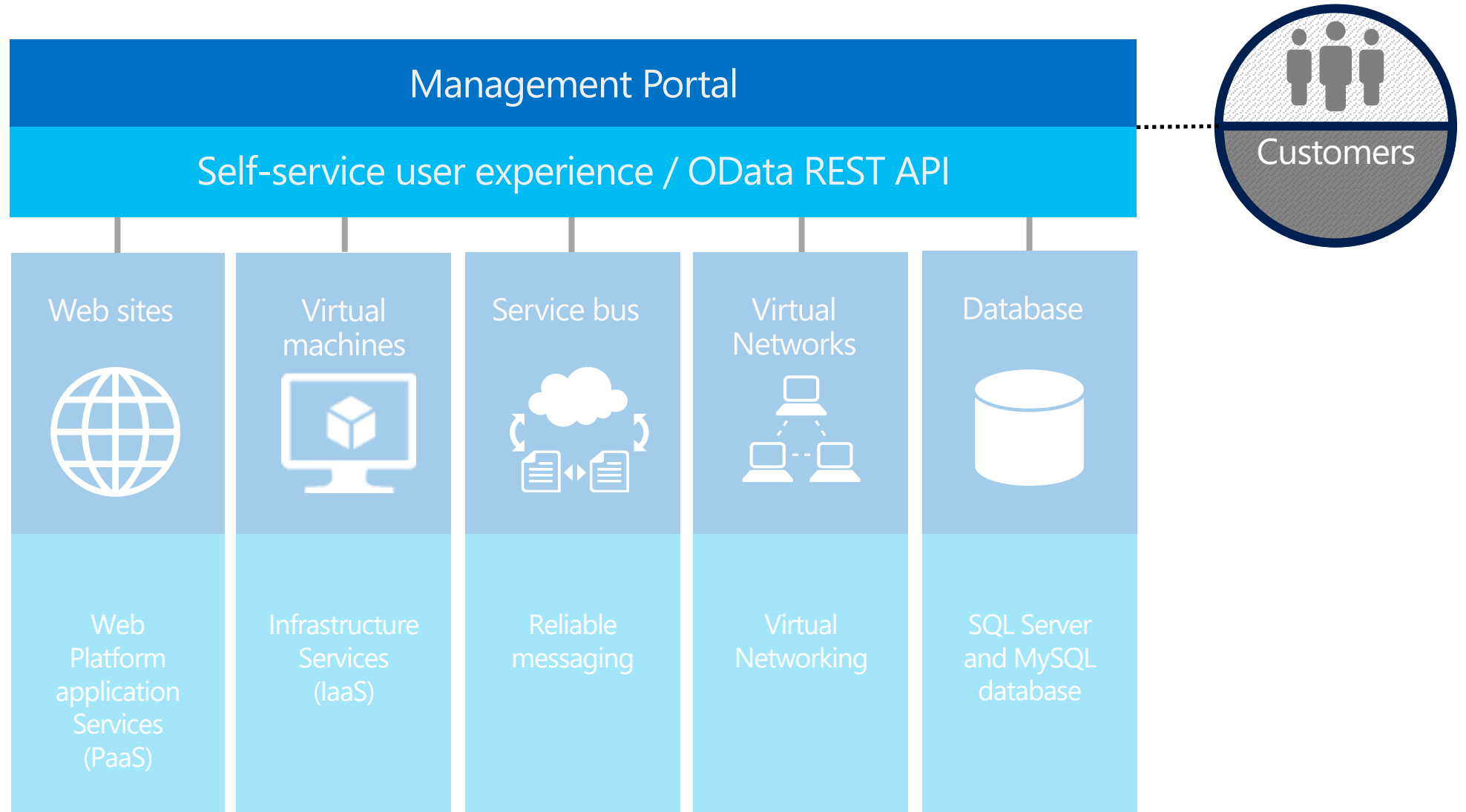**Blog: Youngwook.com**
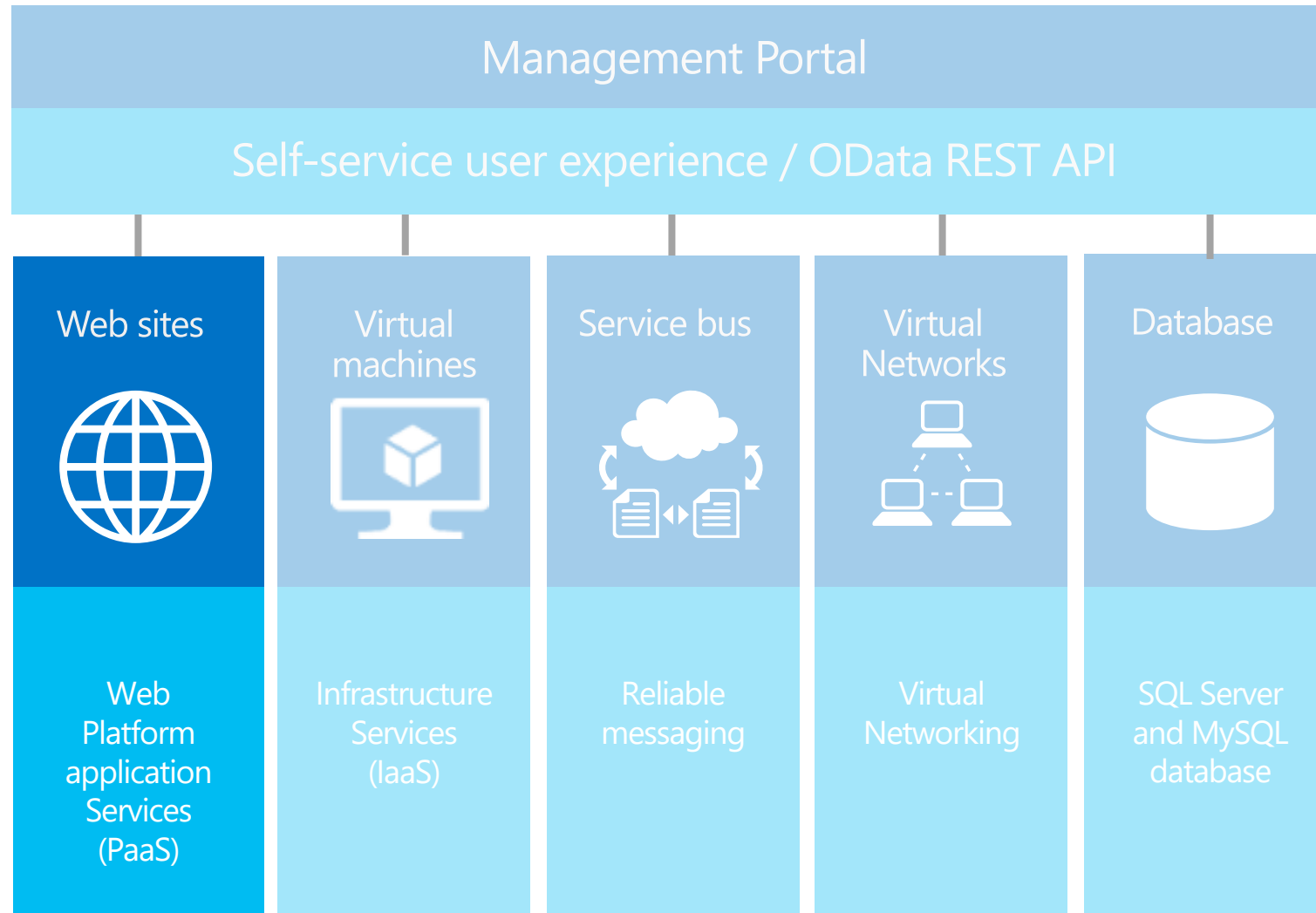
HDIsight | Azure ML

SQL Azure | Event Hub

Website | Mobile Service

Storage Service | Service Bus

ORACLE

SUSE

ubuntu

Windows Server

Microsoft

VM

VM

VM

VM

VM

VM

VM

VM

VM

VM

PaaS

IaaS

IaaS

Microsoft

Amazon

Windows Azure technology

Management Portal

Management Portal

Infrastructure services

Management Portal				
Self-service user experience / OData REST API				
Web sites	Virtual machines	Service bus	Virtual Networks	Database
Web Platform application Services (PaaS)	Infrastructure Services (IaaS)	Reliable messaging	Virtual Networking	SQL Server and MySQL database
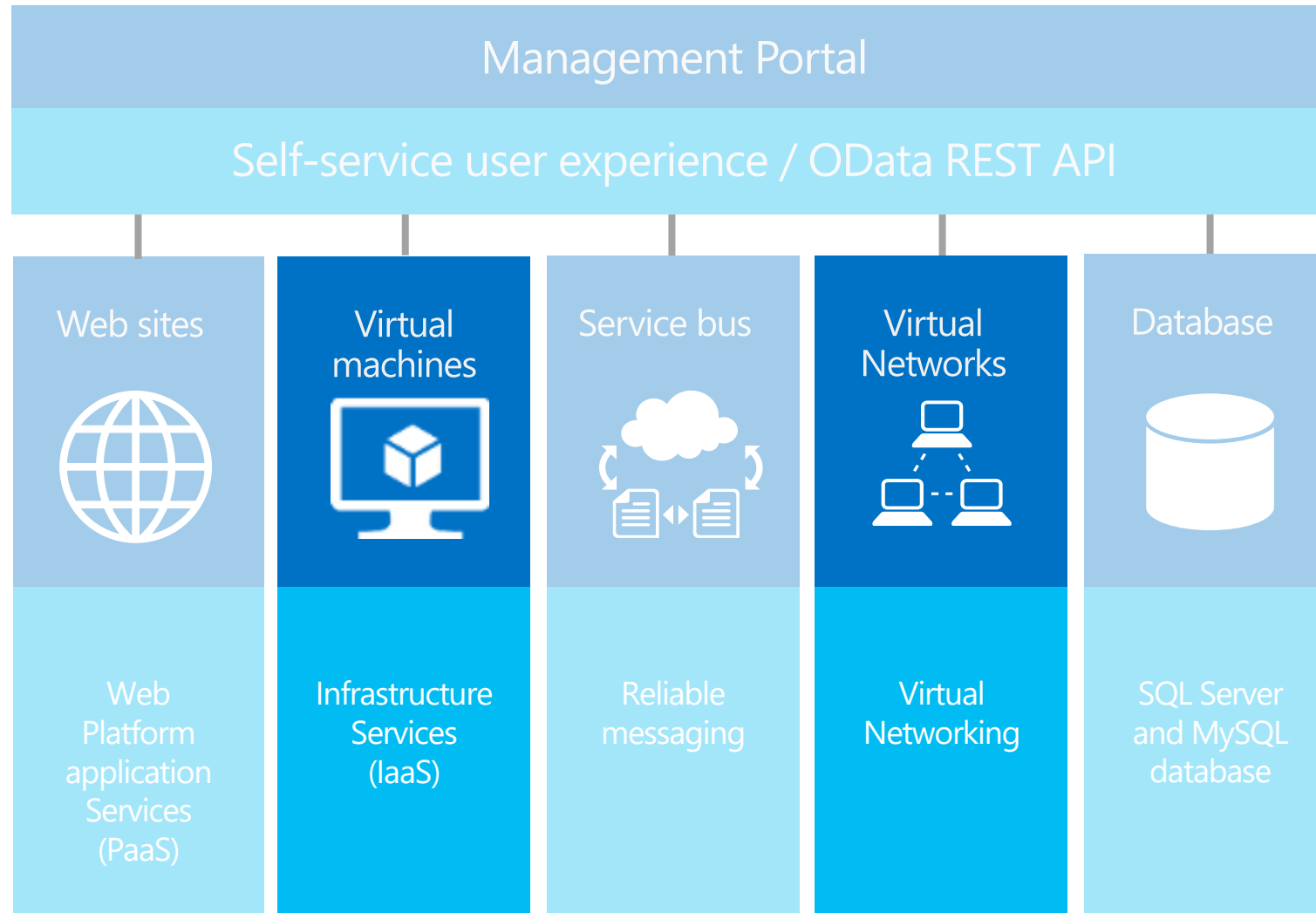
Infrastructure services

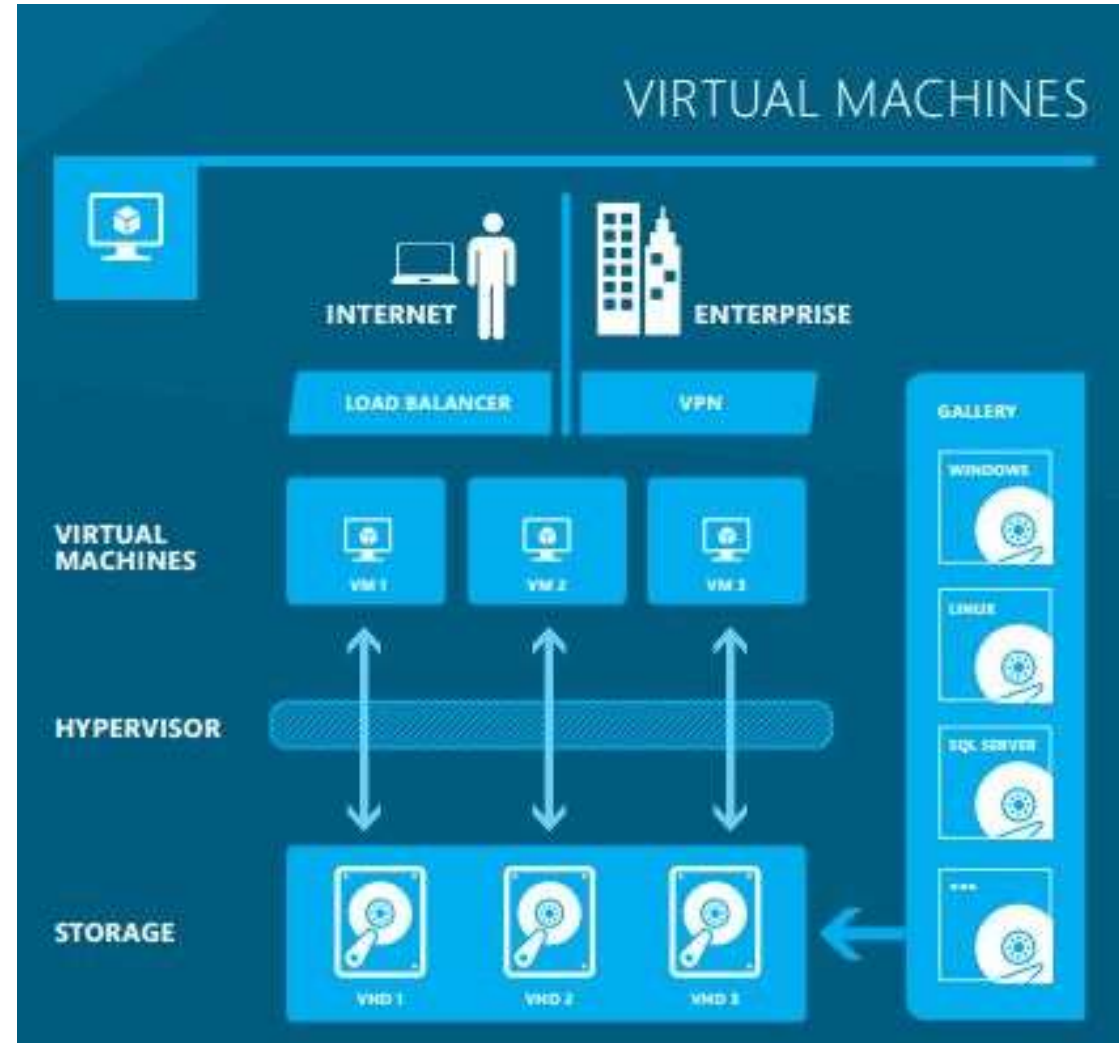Self-Service IaaS

Virtual Networking

System Center and Windows Server
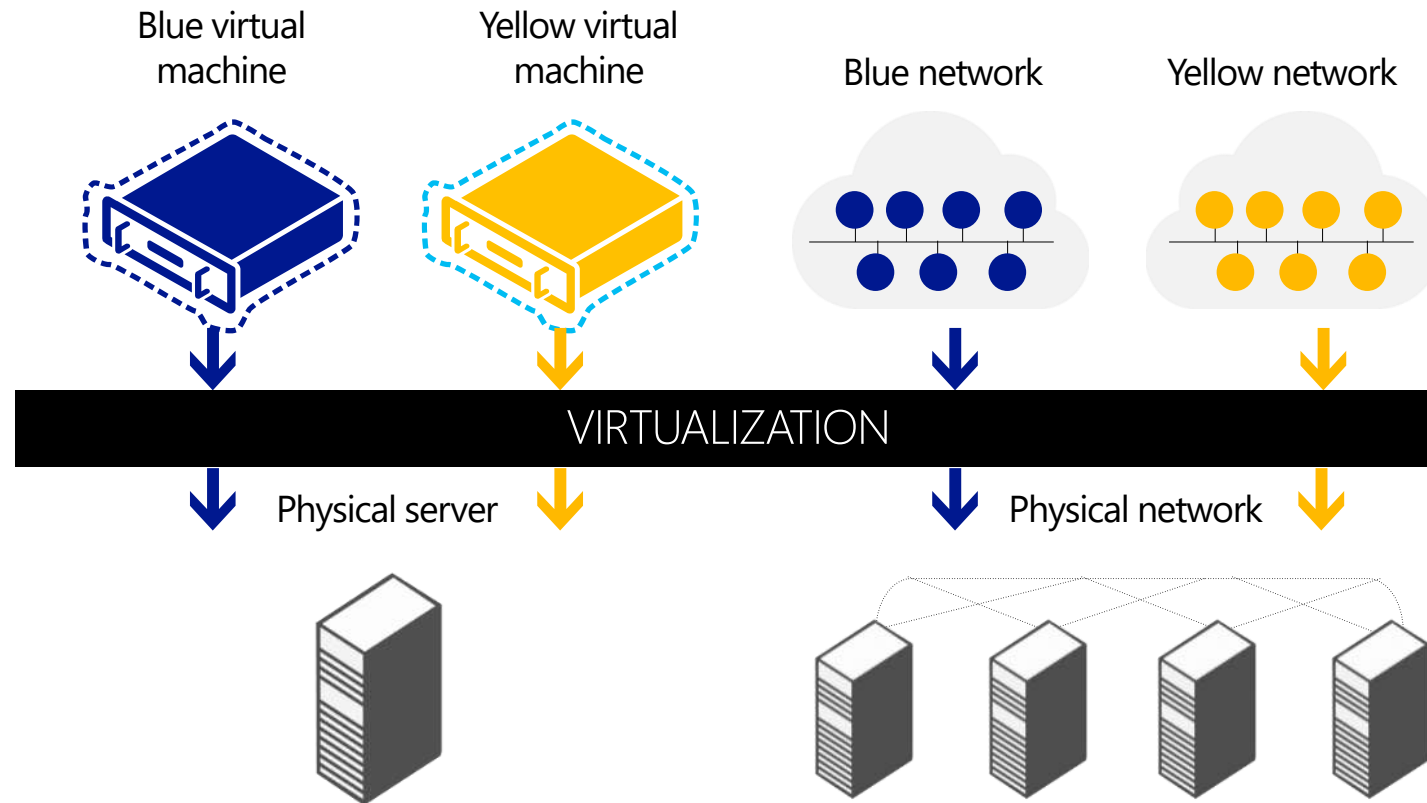
Self-service IaaS

Standalone virtual machines

Scalable virtual machine roles

Attached to virtual network(s)

Virtual networking

Blue virtual machine

Yellow virtual machine

Blue network

Yellow network

VIRTUALIZATION

Physical server

Physical network

Web Sites

Scalable

PaaS
Platform as a Service

Flexible and Open

Platform as a service (PaaS)

ASP.NET

Python

Classic ASP

Node.js

PHP

SQL

MySQL

noSQL

Web App Gallery

Customizable self-service gallery

Popular web apps

Database integration

Database

Management Portal
Self-service user experience / OData REST API

Web sites	Virtual machines	Service bus	Virtual Networks	Database
Web Platform application Services (PaaS)	Infrastructure Services (IaaS)	Reliable messaging	Virtual Networking	SQL Server and MySQL database

Service Bus

Management Portal				
Self-service user experience / OData REST API				
Web sites	Virtual machines	Service bus	Virtual Networks	Database
Web Platform application Services (PaaS)	Infrastructure Services (IaaS)	Reliable messaging	Virtual Networking	SQL Server and MySQL database

Service Bus

Reliable message delivery

Connect to on-premises applications

Queues and topics

Service Bus Queues

One way asynchronous messaging

Service Bus topics

Publish-subscribe one-to-many messaging

Source code and developer tools

Visual Studio

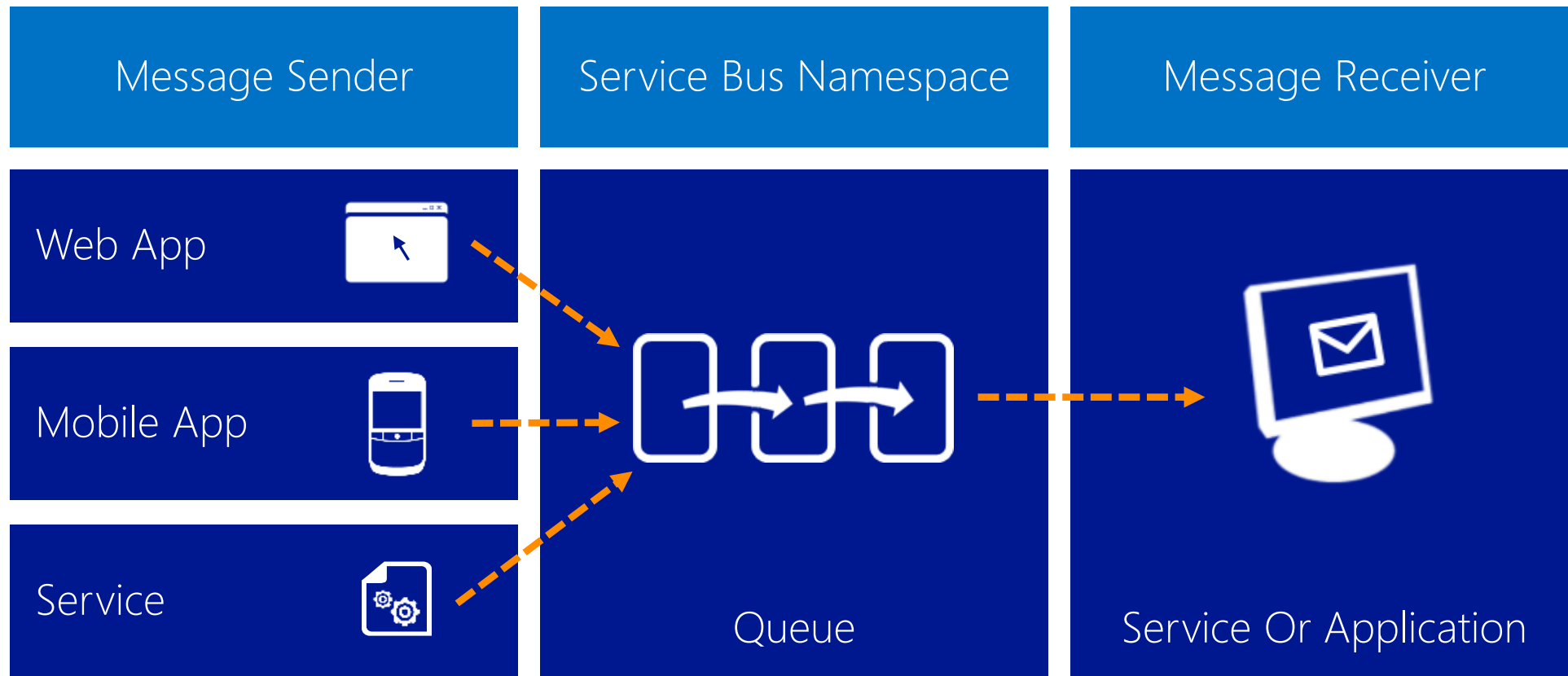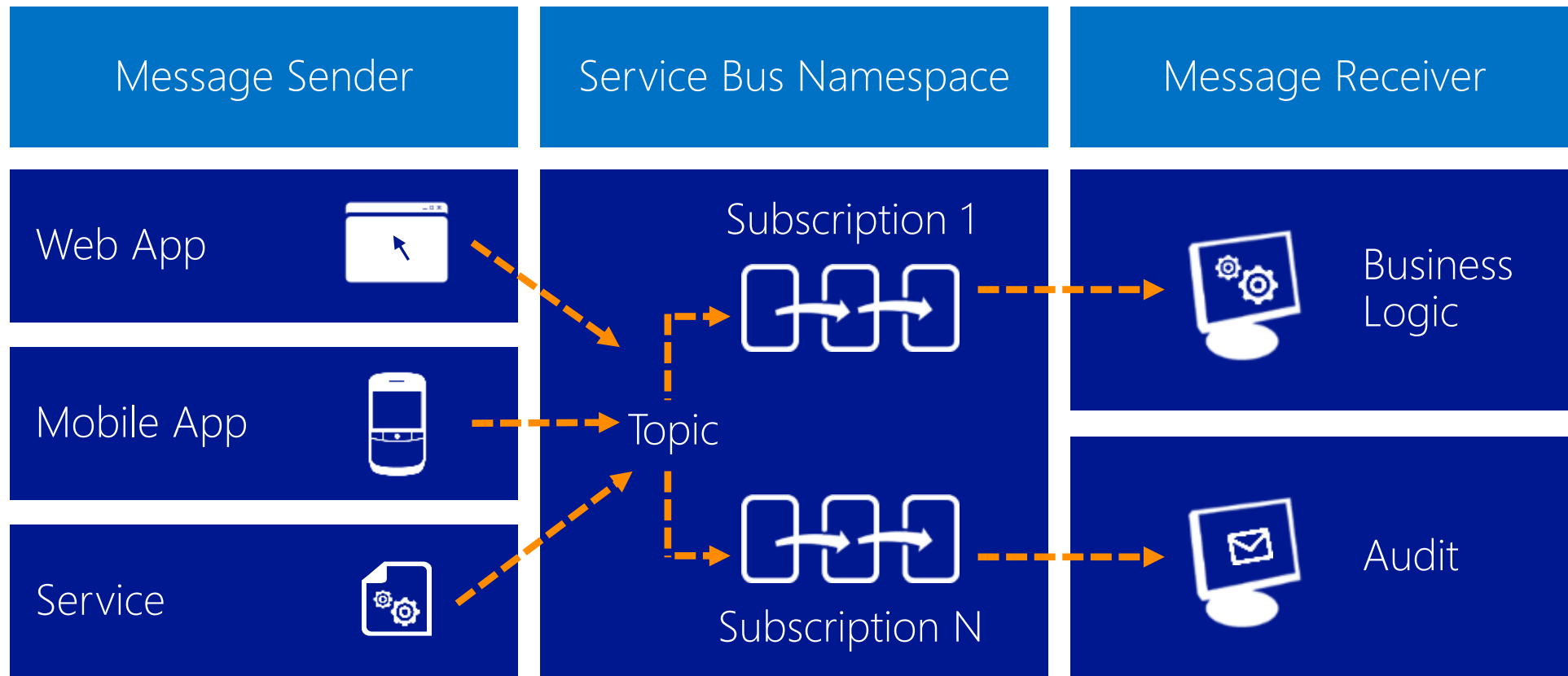**Visual Studio Team Foundation Server**

CodePlex
GitHub
Atlassian Bitbucket
Dropbox

Node.js, PHP, ASP.NET,

WebDeploy

FTP/HTTP

Use familiar developer tools.

Synchronize IDE with popular source code control systems.

Upload to production folders.

Windows Azure Pack Extensibility

Management Portal

Self-service user experience / OData REST API

Web sites	Virtual machines	Service bus	Virtual Networks	Database	Custom Service ?
Web Platform application Services (PaaS)	Infrastructure Services (IaaS)	Reliable messaging	Virtual Networking	SQL Server and MySQL database	Your custom service

Customer Portal

Active Directory

Billing System