OpenShift on Azure Microservices Demo:
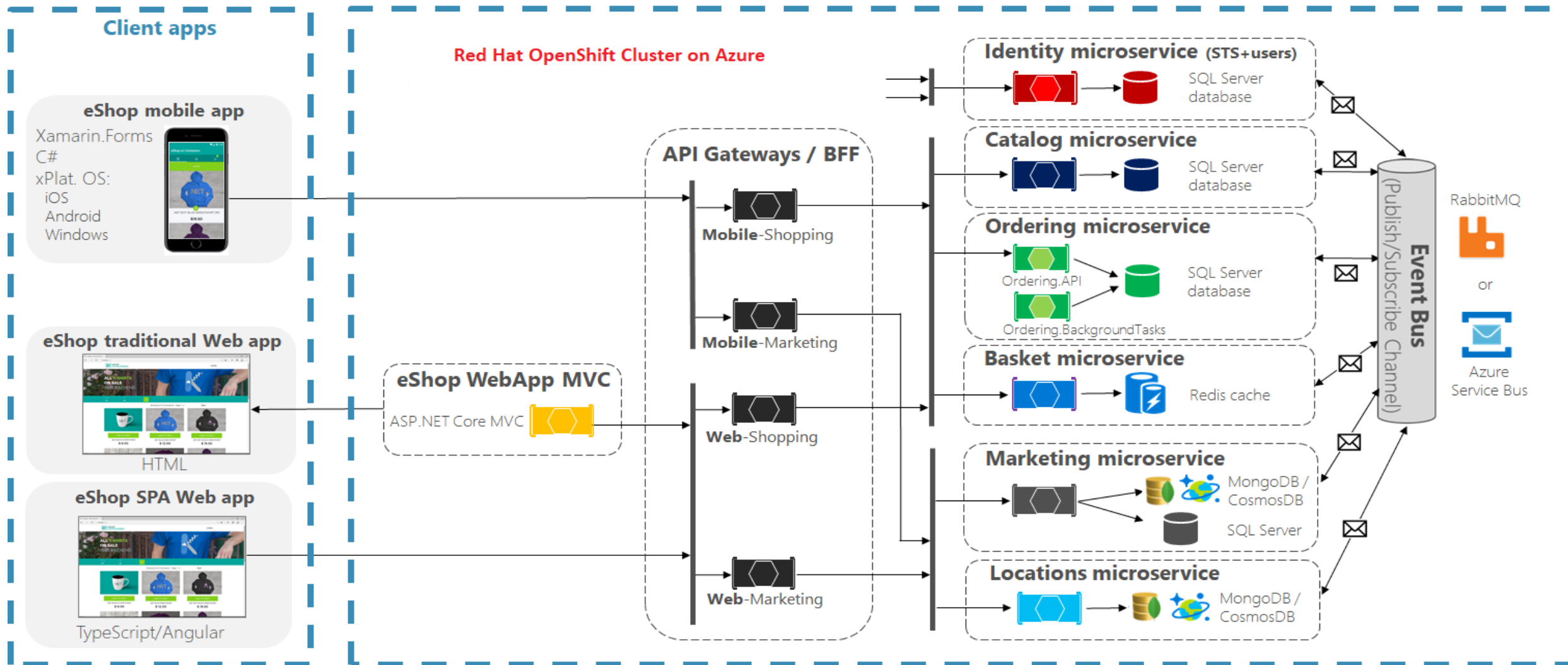# eShop on Containers

January 22, 2020

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Agenda

- Demo App Architecture
- OpenShift Cluster Architecture
- Azure DevOps – CI/CD Pipelines
- Q & A

Demo App Architecture - eShopOnContainers

OpenShift Cluster Architecture

Azure DevOps – CI/CD Pipelines
Build Pipelines

Azure DevOps – CI/CD Pipelines
Release Pipelines

Azure DevOps – CI/CD Pipelines
OpenShift Cluster Service Connection

○ Basic Authentication   ● Token Based Authentication   ○ No Authentication

Connection name | OpenShift On Azure Demo Connection

Server URL | https://az-dotnet-poc-alpha-v5.eastus.cloudapp.azure.   ⓘ

Accept untrusted SSL certificates   ☑   ⓘ

API Token | ********   ⓘ

Learn More

OK   Close

PERFICIENT vision. execution. value.

Azure DevOps – CI/CD Pipelines
Create Build Step

Script *

```
oc new-build --name=$(AppName)-build dotnet:2.2 --binary=true
```

Advanced ⌄

Control Options ⌃

☑ Enabled

☐ Continue on error

Timeout * ⓘ

```
0
```

Run this task ⓘ

```
Custom conditions                                            ⌄
```

Custom condition ⓘ

```
and(succeeded(), eq(variables['BuildExists'], False))
```

Azure DevOps – CI/CD Pipelines
Start Build Step

Command Line (i)   📋 View YAML   🗑 Remove

Task version | 2.*   ⌄ |

Display name *

| Start Build From Directory |

Script *

```
oc start-build $(AppName)-build --from-dir="$(System.DefaultWorkingDirectory)
\$(Release.PrimaryArtifactSourceAlias)\drop\$(ProjectName)" --follow=true
```

Azure DevOps – CI/CD Pipelines
New App Step

Script *

```
oc new-app $(AppName)-build --name=$(AppName)
```

Advanced ∨

Control Options ∧

☑ Enabled

☐ Continue on error

Timeout * ⓘ

```
0
```

Run this task ⓘ

```
Custom conditions                                            ∨
```

Custom condition ⓘ

```
and(succeeded(), eq(variables['BuildExists'], False))
```

OpenShift on Azure Microservices Demo

Q & A

Thank You!