# Sample Azure Reference Architecture

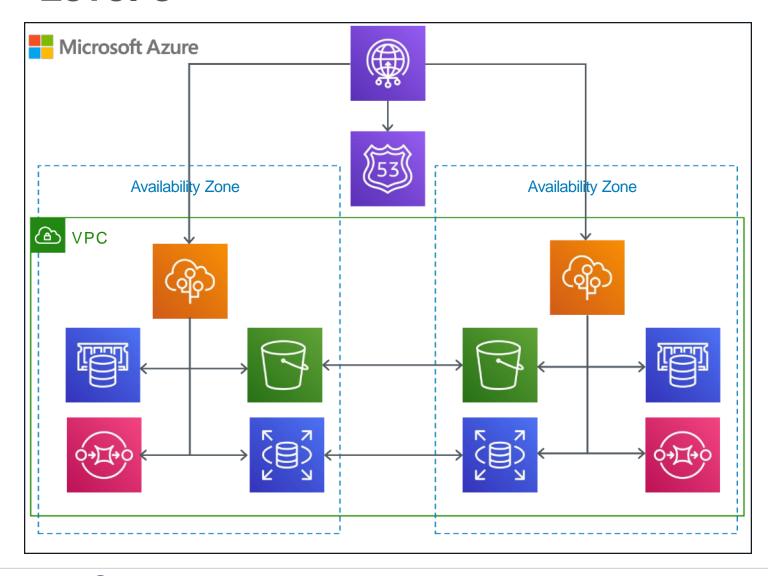
DISCLAIMER: This is just a sample; this is not a complete solution and is not based on any previous customer.

Magenic





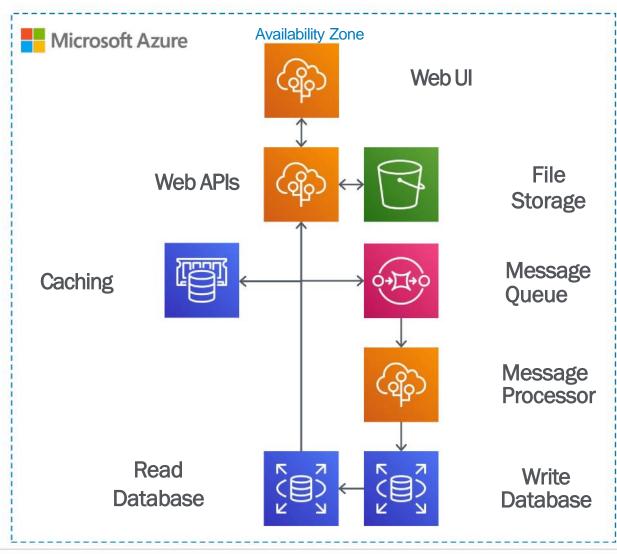
#### Level 0



- » Sample Level 0 application architecture
  - Denoting cloud topology
  - Basic cloud services used
- » Some Client specific components not show
  - Log aggregation
  - Secretes management
  - Central Configuration
  - >Identity and Access
    Management



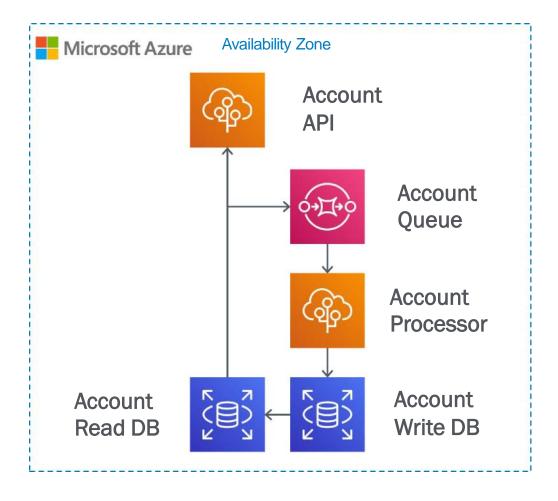
#### Level 1



- » Sample Level 1 application architecture
  - Denoting application break out
  - Details on cloud services used



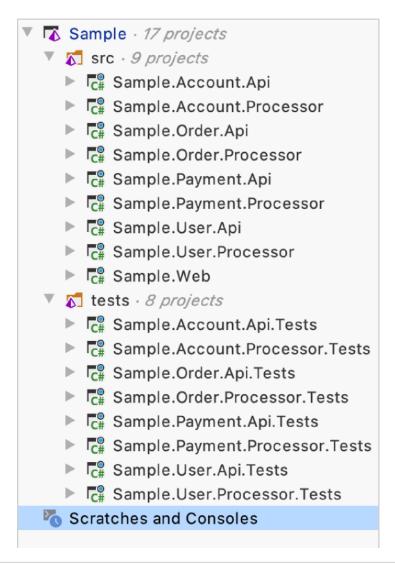
#### Level 2



- » Sample Level 2 application architecture
  - Denoting microservice break out
  - Details on cloud services used



#### Reference Solution Architecture



- » Base Solution Architecture
  - > Will cover core application types
  - Break down for each domain service
  - Corresponding test projects



## Reference Project Workflow

Controllers

Services

Adapters

Web API

Commands

**Providers** 

- » Outline project workflow
- » Denote what is in each layer
- » Sample on unit test for each layer



### Reference Project Architecture

Sample.Account.Api A Dependencies Properties Adapters C# AccountAdapter.cs Commands C# DeleteAccountCommand.cs C# GetAccountCommand.cs C# GetAccountsCommand.cs C# UpdateAccountCommand.cs Controllers C# Account.cs ▼ d DTOs C# AccountDto.cs ▼ Models C# AccountModel.cs C# AccountProvider.cs Services C# AccountService.cs appsettings.Development.json appsettings.json C# Program.cs C# Startup.cs

- » Create one Sample Project
- » All components are stubbed out
- » Outlining agreed upon project workflow
- » Will have one tracer call that flows through the project start to back

