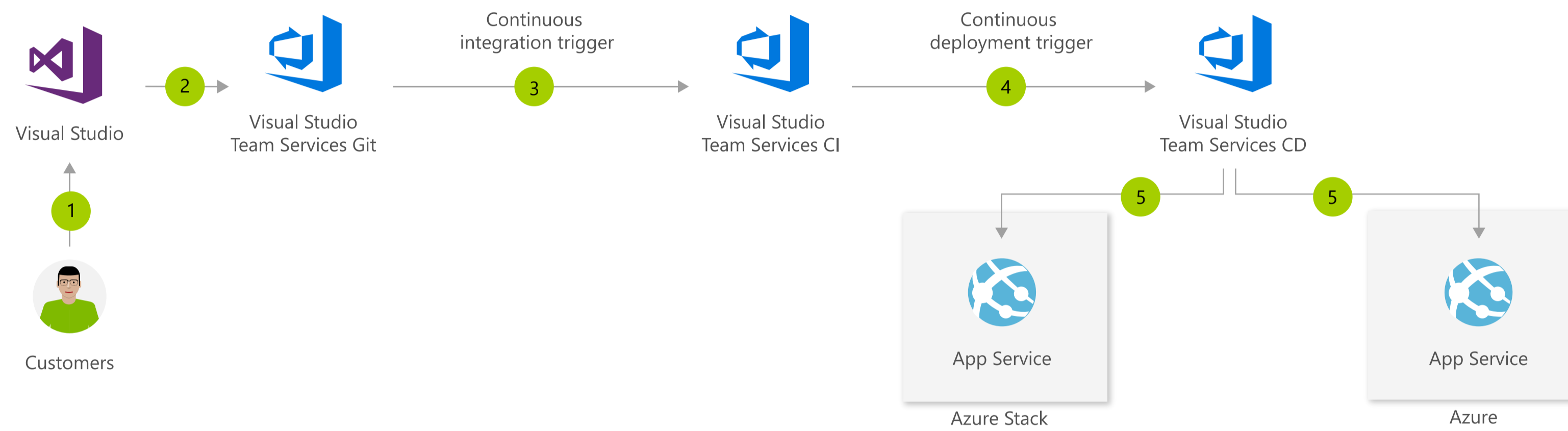


Hybrid CI/CD



Architecture overview

Implementing a continuous integration/continuous development (CI/CD) approach to deploying applications becomes difficult when on-premises applications are built and operated in different ways than cloud applications. Having a consistent set of development tools and processes across the Azure public cloud and on-premises Azure Stack environments makes it far easier for organizations to implement a practice of CI/CD. Apps and services deployed the right way in Azure and Azure Stack are essentially interchangeable and can run in either location.

- 1 Engineer makes changes to application code and ARM template.
- 2 Code and ARM template are checked into Visual Studio Team Services Git.
- 3 Continuous integration triggers application build and unit tests.
- 4 Continuous deployment trigger orchestrates deployment of application artifacts with environment-specific parameters.
- 5 Deployment to App Service on both Azure and Azure Stack.

Products



Azure Stack



Visual Studio Team Services



Web Apps