CI/CD for Azure Web Apps

Visual Studio
Team Services Git

Visual Studio
Team Services CI

Visual Studio
Team Services CD

Azure Web Apps

Visual Studio

Engineer

Azure Application Insights

Visual Studio
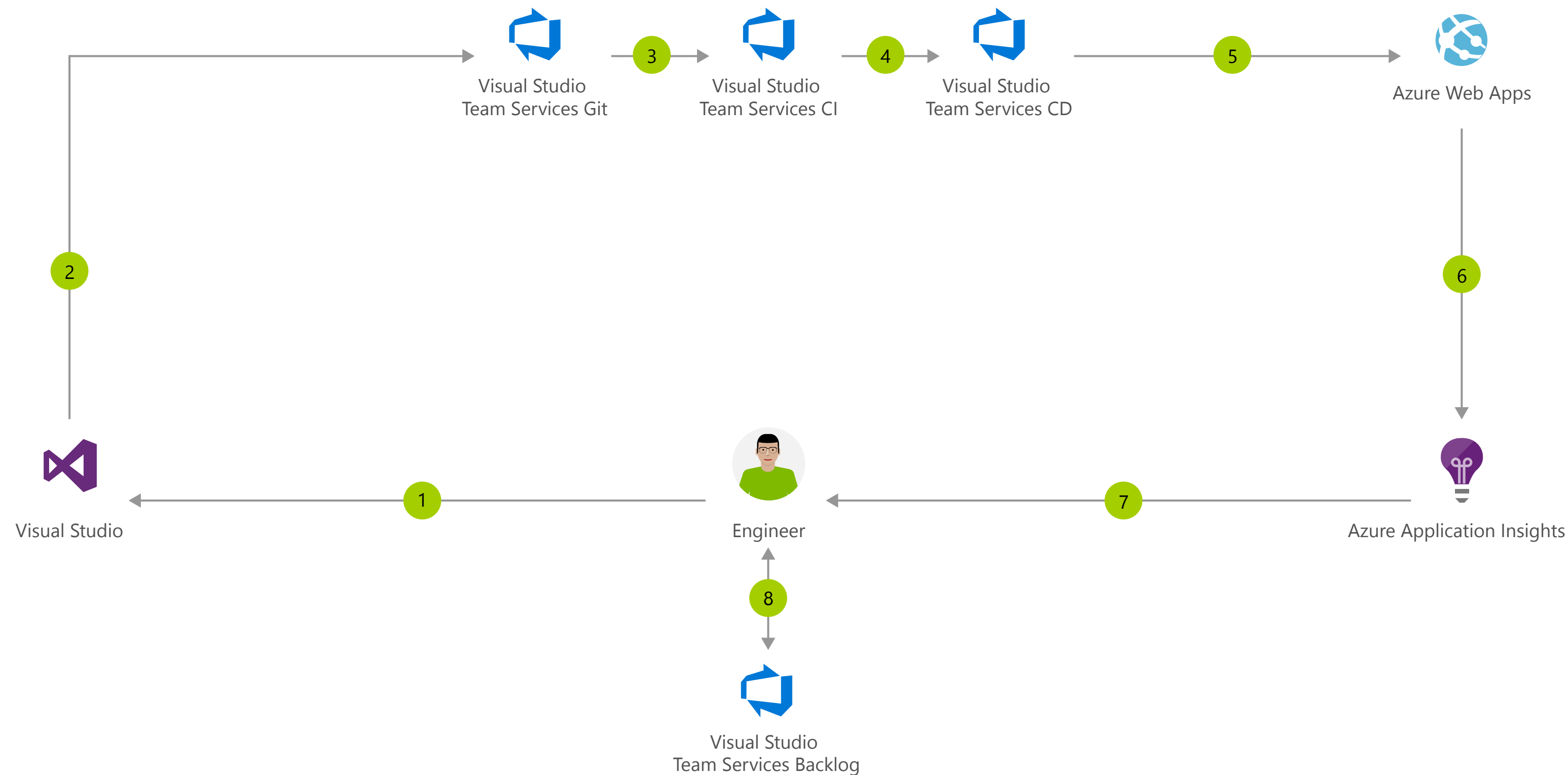Team Services Backlog

Architecture overview

Azure Web Apps is a fast and simple way to create web apps using ASP.NET, Java, Node.js, or PHP. Deliver value faster to your customers with a continuous integration and continuous deployment (CI/CD) pipeline that pushes each of your changes automatically to Web Apps.

1 Change application source code.

2 Commit application code and Web Apps web.config file.

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 Web Apps.

6 Azure Application Insights collects and analyzes health, performance, and usage data.

7 Review health, performance, and usage information.

8 Update backlog item.

Azure products used in this solution

Visual Studio

Web Apps

Application Insights

Visual Studio Team Services