



Course 40511 • Microsoft Azure

# Continuous Delivery in VSTS and Azure

## Length

- 1 day

## Prerequisites

- Workshop content presumes 300-level of architectural expertise of infrastructure and solutions design.
- We suggest students take a Microsoft Azure Essentials course (<http://www.microsoft.com/en-US/azureessentials>) prior to attending this workshop.

## Audience

- Cloud Architects and IT professionals who have architectural expertise of infrastructure and solutions design in cloud technologies

## What You'll Learn

- Create an Azure Resource Manager (ARM) Template to provision Azure resources
- Configure Continuous Delivery with Visual Studio Team Services (VSTS)
- Configure Application Insights into an application
- Create a Visual Studio Team Services project and Git repository

This 1-day, instructor-led course is intended for data professionals who want to set up and configure Continuous Delivery within Azure using a combination of Azure Resource Manager (ARM) templates and Visual Studio Team Services (VSTS). Students will learn this throughout the use of a new VSTS project, Git repository for source control, and an ARM template for Azure resource deployment and configuration management.

## Workshop Outline

### Module 1: Whiteboard Design Session - Continuous delivery with VSTS and Azure

- Review the customer case study
- Design a proof of concept solution
- Present the solution

### Module 2: Continuous delivery with VSTS and Azure

- Create an Azure Resource Manager (ARM) template that can provision the web application, SQL database
- Create a Visual Studio Team Services team project and Git Repository
- Create Visual Studio Team Services build definition
- Create Visual Studio Team Services release pipeline
- Trigger a build and release
- Create a feature branch and submit a pull request