

Microsoft Cloud Workshop: Continuous Delivery in VSTS and Azure (MS-40511)

Modality: Virtual Classroom

Duration: 1 Day

SATV Value: 1

About this course:

Use a combination of Visual Studio Team Services and Azure Resource Manager models and to build and configure Continuous Delivery within Azure. Candidates will do this whilst using a new Visual Studio Team Services project, a Git source control repository, and an Azure Resource Manager template for configuration and deployment of Azure resources.

Course Objective:

Participants will be more able to construct models to simplify the cloud infrastructure and that manual processes that are prone to errors. Furthermore,

- Setup continuous delivery with VSTS
- Build ARM Model for Azure resource provision
- Develop a Git repository and VSTS project
- Setup Application perspectives to an application

Audience:

This online training program is designed for IT professionals and Cloud Architects who have solutions design and infrastructure architecture experience in cloud technology and want to know more about Azure and its services as defined in the ' At Course Completion ' and ' About this Course ' areas. Anyone taking this training should also be trained in other cloud technologies other than MS, fulfill the preconditions of the program, and want to cross-train on Azure.

Prerequisite:

The course layout presumes 300-level architectural experience in developing structures and strategies. Until attending this course, we recommend applicants take the prerequisite.

- MS Azure Essentials course

Course Outline:

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

Lessons

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

Module 2: Hands-on Lab - Continuous delivery with VSTS and Azure

?Lessons

- 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