

COURSE 40511: MICROSOFT CLOUD WORKSHOP: CONTINUOUS DELIVERY IN AZURE DEVOPS

Duration: 1 Day

Delivery Method: Instructor-led Classroom

ABOUT THIS COURSE:

In this whiteboard design session, you will learn how to design a solution with a combination of Azure Resource Manager templates and Azure DevOps to enable continuous delivery with several Azure PaaS services.

At the end of this workshop, you will be better able to build templates to automate cloud infrastructure and reduce error-prone manual processes. In addition, you'll create an Azure Resource Manager (ARM) template to provision Azure resources, configure continuous delivery with Azure DevOps, configure Application Insights into an application, and create an Azure DevOps project and Git repository.

AUDIENCE PROFILE:

This workshop is intended for Cloud Architects and IT professionals who have architectural expertise of infrastructure and solutions design in cloud technologies and want to learn more about Azure and Azure services as described in the 'About this Course' and 'At Course Completion' areas. Those attending this workshop should also be experienced in other non-Microsoft cloud technologies, meet the course prerequisites, and want to cross-train on Azure.

COURSE OUTLINE:

Here is the complete course outline.

Module 1: Whiteboard Design Session - Continuous delivery in Azure DevOps

LESSONS

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

Module 2: Hands-on Lab - Continuous delivery in Azure DevOps

LESSONS

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

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