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## *40511-G: Microsoft Cloud Workshop: Continuous delivery in Azure DevOps*

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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.

### **Objectives**

- At the end of this workshop, you will be 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 Visual Studio Team Services (VSTS), configure Application Insights into an application, and create a Visual Studio Team Services project and Git repository.

### **Prerequisites**

Workshop content presumes 300-level of architectural expertise of infrastructure and solutions design. We suggest students take this prerequisite prior to attending this workshop.

- Microsoft Azure Essentials course

### **Intended Audience**

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 "Summary" and "Skills gained" 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.

### **Topics**



- Whiteboard Design Session - Continuous delivery with VSTS and Azure
- Hands-on Lab - Continuous delivery with VSTS and Azure