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## Design for Deployment, Migration, and Integration

**Duration: 1 Days**    **Course Code: M-AZ-301T03**    **Delivery Method: Company Event**

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### Overview:

Learn how to deploy an ARM template to a resource group, author a complex deployment using the Azure Building Blocks tools, and integrate an API or Logic App with the API Management service.

### Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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### Target Audience:

Successful Cloud Solutions Architects begin this role with practical experience with operating systems, virtualization, cloud infrastructure, storage structures, billing, and networking.

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### Objectives:

- After completing this course, students will be able to:
  - Create a resource group.
  - Add resources to a resource group.
  - Deploy an ARM template to a resource group Integrate an API or Logic App with the API Management service.
  - Design an App Service Plan or multi-region deployment for high performance and scale.
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## Content:

Module 1: Deploying Resources with Azure Resource Manager This module establishes a basic understanding of Azure Resource Manager and the core concepts of deployments, resources, templates, resource groups, and tags. The module will dive deeply into the automated deployment of resources using ARM templates. Lab : Deploying Resources with Azure Resource Manager

After completing this module, students will be able to:

Create a resource group.

Add resources to a resource group.

Deploy an ARM template to a resource group.

Filter resources using tags.

Author a complex deployment using the Azure Building Blocks tools.

■ Module 2: Creating Managed Server Applications in Azure This module describes how solutions can leverage serverless application hosting services in Azure to host web applications, REST APIs, integration workflows and HPC work

After completing this module, students will be able to:

Select between hosting application code or containers in an App Service instance.

Describe the differences between API, Mobile, and Web Apps.

Integrate an API or Logic App with the API Management service.

Design an App Service Plan or multi-region deployment for high performance and scale.

■ Module 3: Authoring Serverless Applications in Azure This module describes how solutions can leverage serverless application hosting services in Azure to host web applications, REST APIs, integration workflows and HPC

After completing this module, students will be able to:

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Describe the differences between API, Mobile, and Web Apps.

Integrate an API or Logic App with the API Management service.

Design an App Service Plan or multi-region deployment for high performance and scale.

■ Module 3: Authoring Serverless Applications in Azure This module describes how solutions can leverage serverless application hosting services in Azure to host web applications, REST APIs, integration workflows and HPC

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## Further Information:

For More information, or to book your course, please call us on 353-1-814 8200

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[www.globalknowledge.com/en-ie/](http://www.globalknowledge.com/en-ie/)

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