# AZ-204 Developing Solutions for Microsoft Azure, Part 6 of 9: Event-Based Solutions



**Meet the expert:** Maruti is a Microsoft Certified Corporate Trainer with over 19,000 hours of experience corporate training for companies such as: Deloitte, Morgan Stanley, LTI Infotech, Unisys, Shell, Accenture and many more. He focuses on practical implementation and hands-on practice as the best way to understand technical training. 

**Prerequisites:** 1-2 years professional development experience and experience with Microsoft Azure. In addition, the role should have ability programming in a language supported by Azure and proficiency in Azure SDKs, Azure PowerShell, Azure CLI, data storage options, data connections, APIs, app authentication and authorization, compute and container deployment, debugging, performance tuning, and monitoring.

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**Course description:** Azure Developers partner with cloud solution architects, cloud DBAs, cloud administrators, and clients to implement solutions. This course covers: Azure Event Grid, Event Hub and Notification Hub.

**Course outline:**

**Azure Event Grid**
- Introduction
- Event-Driven Architecture
- Azure Event Grid
- Sources and Handlers
- Event Grid Concepts
- Schema
- Security
- Filtering
- Authoring Custom Events
- Event Domains
- Demo: Route Custom Events
- Summary

**Azure Event Hub**
- Introduction
- Azure Event Hubs
- Event Publishers
- Partitions
- Consumer Groups
- Kafka
- Security Model
- Namespace Manager
- SAS Key
- Summary

**Azure Notification Hub**
- Introduction
- Push Notifications
- Push Notification Service
- Notification Hubs
- Shared Access Security
- Device Registration
- Registration Templates
- Notification Payload
- Template Expression Language
- Tags
- Summary