AZ-303 Microsoft Azure Architect Technologies, Part 3 of 4: Solutions for Apps

Meet the expert: Brett Hargreaves is a Principal Azure Architect, who has worked with some of the world's biggest companies helping them design and build cutting edge solutions. With a career spanning infrastructure, development, consulting and architecture, he's been involved in projects covering the entire solution stack using Microsoft technologies.
He loves passing on his knowledge to others through books, blogging and online training courses.

Prerequisites: A candidate for this exam should have advanced experience and knowledge of IT operations, including networking, virtualization, identity, security, business continuity, disaster recovery, data platform, budgeting, and governance–this role should manage how decisions in each area affect an overall solution. In addition, this role should have expert-level skills in Azure administration and have experience with Azure development and DevOps processes.

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Course description: Responsibilities for an Azure Solution Architect include advising stakeholders and translating business requirements into secure, scalable, and reliable cloud solutions. This course covers Implement solutions for apps which makes up (10-15%) of the exam.

Course outline:

Apps Intro
- Introduction
- Apps Intro
- What are Web Apps
- Web Apps Service Plans
- Summary

Create Web Apps
- Introduction
- Create Web Apps
- Web Apps Domains and Slots
- Web Apps Auth
- Web Apps Backups
- Web Apps AutoScale
- Web Apps Git Deploy
- Summary

Event Grid
- Introduction
- Event Grid
- Event Grid Walkthrough
- Service Bus
- Service Queues
- Service Topics and Subscriptions
- Summary

Which Queue to Use
- Introduction
- Which Queue to Use
- Containers Intro
- Docker Walkthrough
- Summary

Container Build and Deployment
- Introduction
- Container Build and Deployment
- Kubernetes Intro
- Kubernetes Deploy Cluster
- Summary

Function Apps Intro
- Introduction
- Function Apps Intro
- Function Apps Portal Walkthrough
- Function Apps Visual Studio
- Summary

Logic Apps Intro
- Introduction
- Logic Apps Intro
- Logic Apps Portal
- Logic Apps Visual Studio
- Summary