AZ-303 Microsoft Azure Architect Technologies, Part 1 of 4: Monitor Azure Infrastructure

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.

Runtime: 04:49:45

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 and monitor an Azure infrastructure which accounts for (50-55%) of the exam.

Course outline:

Get Started
- Introduction
- 300 vs. 303
- Tools Overview
- SignUp To Azure
- Controlling Azure Costs
- Get Azure DevOps
- Development Tools
- Install PowerShell
- Install Azure CLI
- Summary

Networking Overview
- Introduction
- Networking Overview
- Networking Walkthrough
- Networking PowerShell
- Summary

Virtual Machines Types
- Introduction
- Virtual Machines
- Virtual Machines Types
- Summary

Windows Walkthrough
- Introduction
- Windows Walkthrough
- Linux Walkthrough
- Summary

VM Deployment
- Introduction
- VM Deployments
- VM Deployments DevOps
- Summary

Storage
- Introduction
- Storage Overview
- Storage Walkthrough
- Using Storage
- Summary

Azure Storage
- Introduction
- Azure AD
- Azure AD Editions
- Azure AD Tenants and Connectivty
- Azure AD Walkthrough
- Azure AD Connect
- Summary

IP Addressing
- Introduction
- IP Addressing
- IP Addressing Walkthrough
- Network SecurityGroups
- Peering
- Summary

NSG Walkthrough
- Introduction
- NSG Walkthrough
- Peering Walkthrough
- Routing
- Routing Walkthrough
- Summary

Service Endpoints Walkthrough
- Introduction
- Service Endpoints Walkthrough
- Service Endpoints
- Virtual Machines Types
- Summary

Monitoring in Azure
- Introduction
- Monitoring in Azure Intro
- Activity Logs
- Monitoring Activity Logs Walkthrough
- Monitoring Metrics and Alerts Walkthrough
- Monitoring Costs
- Summary

Log Analytics Intro
- Introduction
- Log Analytics Intro
- Monitoring Log Analytics
- Querying Log Analytics
- Summary

App Insights Intro
- Introduction
- App Insights Intro
- App Insights
- Azure Advisor Intro
- Network Watcher Intro
- Alerts and Metrics
- Summary