KD-06101 (KeD Challenges)
Microsoft Azure

Audience profile.

This Subscription is intended for IT Professionals who are looking to keep up to date on features and functionality for a particular technology and/or who are responsible for supporting multiple technologies.

Length.

5 Days.

Prerequisites.

It is recommended to have 6 months of hands-on experience administering Azure, along with a strong understanding of core Azure services, Azure workloads, security, and governance.

What You Will Learn.

- Azure fundamentals.
- Provision and manage Architect Design Solutions.
- Configure Update Management for On-Premises Systems by Using Azure Automation Accounts.
- Configure an Autoscale Alert on a VM Scale Set.
- Automate and Manage Custom, Scalable Azure VM–Based Infrastructure Solutions.
- Monitor Communication Between Virtual Machines by Using Network Watcher.
- Configure Multi-Scope Resource Permissions.

- Create, Manage, and Monitor Azure Virtual Machines.
- Manage Azure Network Connectivity and High Availability.
- Implement and Govern an Azure AD Environment.
- Provision an End-to-End IoT Solution.
- Manage, monitor, and secure Azure platform services.
- Integrate storage.
- Provision Data Storage for a Web App.
- Design a Data Movement Solution by Using Azure Data Factory.
- Deploy Hybrid-Cloud Azure Solutions by using ARM templates.
- Deploy a Web App with Database Authentication using Azure AD.
- Populate Azure Synapse Analytics using Azure Data Factory.
- Manage Security for Virtual Machines and Databases.

Subscription Grouping by Series
(and how to locate individual Challenges).

- Azure: Automation Services.
- Azure: Architect Technologies Solutions.
- Azure: Infrastructure Solutions.
- Azure: Network Security Solutions.
- Azure: Platform Protection.
- Azure: Architect Storage, VMs, and Monitoring.
- Azure: Networking and High Availability.
- Azure: Fundamentals.
- Azure: Architect Design Solutions.

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- Azure: IoT Solutions.
- Azure: Manage, Monitor, and Secure.
- Azure: Storage Solutions for Developers.
- Azure: Storage Solutions.
- Azure: Data Solution Design.
- Azure: Hybrid Cloud ARM Solutions.
- Azure: Hybrid Cloud Services.
- Azure: Data Solution Implementation.
- Azure: Secure Data & Applications.

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