Microsoft Azure Certification BootCamp for Exam 70-473 (Data Platform)

Course Duration: 5 Days - New

Course Authored by Microsoft

Description

Cloud changes everything, including how the data is ingested, stored, processed and how reports are generated from the data.

This hands-on course is designed to get knowledge to be able to clear the 70-473: Designing and Implementing Cloud Data Platform Solutions Exam.

This hands-on course focuses on designing and implementing Cloud Data Platform Solutions on Microsoft Azure cloud by using SQL Server on-premises, SQL Server on Azure VM, Azure SQL, and Hybrid solutions where both on-premises and Azure cloud are used.

As a participant you will learn how to design, implement and optimize data workloads in cloud, native and hybrid scenarios with on-premise SQL Server, SQL Server on Azure VM and Azure SQL. You will also learn about implementing high-availability data solutions and disaster recovery options for your data platform. We would also discuss features such as data security, monitoring and managing database in cloud.

We will spend about half the time in this course doing hands-on labs using our custom curriculum.

Watch this short video by Bhavesh Goswami, Co-Founder & CEO of CloudThat and Jigar Pathak, Senior Cloud Solutions Architect simplifying Azure Certifications for you. Also, don’t forget to share it with your friends who are interested in Azure Certifications and help them Move Up in their Cloud Career.

Objectives

- To attain a comprehensive understanding of Cloud Data Platform Solutions
- Understanding various deployment scenario of SQL Server, Azure SQL database
- Create databases for cloud or on premise use, migrate on premise SQL server database to Azure SQL Database
- Learn how to design data solutions and implement with different architecture pattern
- Configure and implement HA/DR solutions for SQL server and Azure SQL database
Who Should Attend

Database professionals who want to enhance their existing SQL Server skills with Microsoft Azure cloud and hybrid solutions
IT Professionals and Architects who want to get hands-on experience on Cloud Data Platform Solutions
Professionals who want to jump start their career in Cloud Data Platform
Candidates looking to get certified on 70-473: Designing and Implementing Cloud Data Platform Solutions Exam

Prerequisites

Should have Fundamental knowledge of Cloud Computing
Should have basic understanding of SQL Server
Should have some experience with Database Administration

Course Outline

Day 1

Azure Fundamentals
Microsoft Azure Virtual Networks Overview

Day 2

Microsoft Azure Storage
Azure File Storage
Azure Blob Storage
Azure Table Storage
Azure Storage Queues
Azure ARM (Azure Resource Manager)
Microsoft Azure Virtual Machines

Day 3

Implementing SQL Database on Azure VM
Implementing SQL Database on Azure SQL
SQL Database Security

Day 4

Backup and Restore – SQL Server
High Availability and Disaster Recovery – SQL Databases
Monitoring SQL Workloads

Day 5

Scaling SQL Workloads
Data warehousing with SQL
Best Practices for Cloud Data Platform Solutions
Case studies – Activity

Get Certified: MCSA & MCSE
MCSA

Pass any two of:

- 70-532: Developing Windows Applications
- 70-533: Implementing and Administering SQL Server 2008
- 70-535: Architecting Microsoft Solutions
- 70-537: Configuring Microsoft Exchange Server 2010
About The Trainer

Arzan Amaria Sr. Solutions Architect – Cloud and IoT

Arzan has more than 9 years of experience in Microsoft infrastructure technology stack, Data Science, Cloud and IoT. He has great amount of experience in deploying Cloud based solutions. He is a multi-cloud professional with exposure to Azure, AWS and other IIoT Cloud platforms like GE Predix and IBM Watson. As a Cloud Solution Architect at CloudThat, he is an expert at deploying, supporting and managing client infrastructures on Azure. Having core training and consulting experience, he specializes in delivering individual training and corporate training on Azure. He is also engaged in extensive research and development in the field of IoT and Data Science and leads a team for the same. He has delivered trainings on IoT and is currently designing Cloud integrated solutions. He has been training professionals for various Microsoft partners such as Wipro, HPE, HCL, Infosys, Accenture, TCS and many more in the recent past. He holds following Certifications:

- GE Predix Certified Developer
- Microsoft Certified Trainer (MCT)
- CTT+ (Certified Technical Trainer)
- MCSD: Azure Solutions Architect
- MCSE (Server Track)
- MCTS in Machine Learning
- VCA-DCV (Data Center Virtualization – Associate)
- Microsoft Certified Specialist with Hyper – V Virtualization
- AWS Certified Solutions Architect – Associate Level
- CEH (Certified Ethical Hacker, EC Council University US)

Other Details

Questions? For latest batch dates, fees, location, technical queries and general inquiries, contact our sales team at: +91 8880002200 or email at sales@cloudthat.in

Testimonials
It was a great and very useful training which gave detailed insights of Cloud Solution and Services. It was a very comprehensive and to the point.

Rajendra S, ASOC, TCS

One of the good trainings I had where there was good amount of time for theory and lab. Thanks to the trainer and CloudThat for making me code ready. It was easy for non-technical folks to work during lab sessions. I do look forward for Solutions Architect and other Certification training if this is the quality. The benchmark has been set now!

Venkatesh K, Senior Consultant, TCS

The trainer was well versed with the content. He was able to present several real-world implementations for many of the services based on his experience.

Azhar S, VMware

Course taken from CloudThat Technologies - Specialists in Cloud Computing, AWS, Azure, and Big Data training in India - https://cloudthat.in
URL to Course: https://cloudthat.in/course/azure-certification-boot-camp-for-exam-70-473/