Administering Relational Databases on Microsoft Azure

Varighed: 4 Days   Kursus Kode: M-DP300   Leveringsmetode: Virtuel deltagelse

Beskrivelse:

This course provides students with the knowledge and skills to administer a SQL Server database infrastructure for cloud, on-premises and hybrid relational databases and who work with the Microsoft PaaS relational database offerings. Additionally, it will be of use to individuals who develop applications that deliver content from SQL-based relational databases.

Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids-og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

Målgruppe:

The audience for this course is data professionals managing data and databases who want to learn about administering the data platform technologies that are available on Microsoft Azure. This course is also valuable for data architects and application developers who need to understand what technologies are available for the data platform with Azure and how to work with those technologies through applications.

Forudsætninger:

■ M-AZ900 - Microsoft Azure Fundamentals - AZ-900T00
■ M-DP900 - Microsoft Azure Data Fundamentals

Indhold:

Module 1: Introduction to Azure database administration

Microsoft Azure provides a set of seamless capabilities for SQL databases. Explore the different database offerings, and services available to help you get started.

Module 2: Plan and implement data platform resources

Deploy data platform resources in Azure SQL. Explore options for deployment and migration. Calculate resource requirements and create templates.

Module 3:Implement a secure environment for a database service

Implement SQL Server-based options for authentication and authorization, as well as Azure options for securing Azure SQL databases. Explore encryption, firewalls and advanced threat protection.

Module 4: Monitor and optimize operational resources in Azure SQL

Configure hardware and server resources for optimum performance after establishing a baseline. Identify sources of performance problems. Troubleshoot using Azure SQL Intelligent Insights.

Module 5: Optimize query performance in Azure SQL

Analyze individual query performance and determine where improvements can be made. Explore performance-related Dynamic Management Objects. Investigate how indexes and database design affect queries.

Module 6: Automate database tasks for Azure SQL

Scripting repetitive tasks in Azure SQL for regular maintenance jobs and multi-instance administration. Automation of error and resource alerts. Configuration of notifications for failures.

Module 7: Plan and implement a high availability and disaster recovery environment

Data must be available when needed. Configure, test and manage a solution for high availability and disaster recovery using Azure tools and SQL Server tools.

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

training@globalknowledge.dk

www.globalknowledge.com/da-dk/

Global Knowledge, Stamholmen 110, 2650 Hvidovre