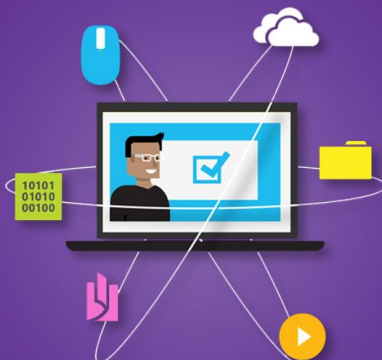


New!



Microsoft Official Course On-Demand

E-learning
90 dage
Nr. 89007 P
Dato
29-12-2019

DKK 7.999
ekskl. moms
Sted
Virtuelt kursus

MOC On-Demand Administrering a SQL Database Infrastructure [20764]

Online undervisning når det passer dig – MOC On-Demand er en unik løsning til dig, der ønsker kursus på en fleksibel, tids- og omkostningseffektiv måde. Lær, hvordan du administrerer, konfigurerer og vedligeholder en Microsoft SQL Server 2016 databaseserver. Kurset er også relevant, hvis du udvikler databaseløsninger, som anvender en SQL Server Database.



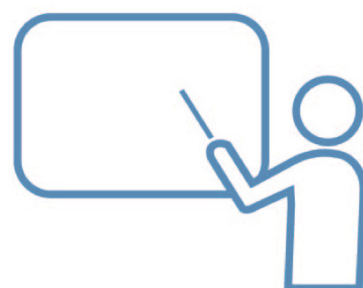
Nemt og fleksibelt



Spar penge



Spar tid



Høj kvalitet

Læringsform

MOC On-Demand kurserne kombinerer:

- Læringsplan
- Video i høj kvalitet
- Præsentationer og officielt kursusmateriale
- Live hands-on labs
- Videnstjek

Du kan i eget tempo kan opbygge kompetencer i Microsoft-teknologier. Du kan du vælge mellem 90 eller 180 dages adgang til at fuldføre dit MOC On-Demand kursus.

Kurset er **modulopdelt**, så det er op til dig, om du vil tage hele kurset på en gang eller et modul ad gangen. Du kan tage dit kursus på kontoret, hjemme eller på farten.

Live hands-on labs

I modsætning til andre on-demand tilbud, hvor der tilbyder labs, vil du med MOC On-Demand få et levende, real-time miljø til hands-on træningen. Faktisk er det det samme Microsoft Labs Online miljø, der anvendes på vores tilstedeværelseskurser.

Videnscheck i slutningen af hvert modul, giver dig mulighed for at teste dit niveau, så du ved, om du er klar til at gå videre.

Når du tilmelder dig et On-Demand kursus, vil du modtage en mail med et link til online kurset og login-oplysninger. Her får du adgang til en side med din Learning Plan.

Forudsætninger

In addition to their professional experience, students who attend this training should already have the following technical knowledge:

- Basic knowledge of the Microsoft Windows operating system and its core functionality.
- Working knowledge of Transact-SQL.
- Working knowledge of relational databases.
- Some experience with database design.

Deltagerprofil

The primary audience for this course is individuals who administer and maintain SQL Server databases. These individuals perform database administration and maintenance as their primary area of responsibility, or work in environments where databases play a key role in their primary job.

The secondary audiences for this course are individuals who develop applications that deliver content from SQL Server databases.

Indhold

Module 1: Authenticating and Authorizing Users

- Authenticating connections to SQL Server
- Authorizing logins to access databases
- Authorization across servers



- Partially contained databases

Module 2: Assigning Server and Database Roles

- Working with server roles
- Working with Fixed database roles
- Creating user-defined database roles

Module 3: Authorizing Users to Access Resources

- Authorizing user access to objects
- Authorizing users to execute code
- Configuring permissions at the schema level

Module 4: Protecting Data with Encryption and Auditing

- Options for auditing data access in SQL Server
- Implementing SQL Server audit
- Managing SQL Server audit
- Protecting data with encryption

Module 5: SQL Server Recovery Models

- Backup strategies
- Understanding SQL Server transaction log
- Planning a SQL Server backup strategy

Module 6: Backup of SQL Server Databases

- Backing up databases and transaction logs
- Managing database backups
- Working with backup options

Module 7: Restoring SQL Server Databases

- Understanding the restore process
- Restoring databases
- Working with point-in-time recovery
- Restoring system databases and individual files

Module 8: Automating SQL Server Management

- Automating SQL Server management
- Working with SQL Server agent
- Managing SQL Server agent jobs
- Multi-server management

Module 9: Configuring Security for SQL Server Agent

- Understanding SQL Server Agent Security



- Configuring credentials
- Configuring proxy accounts

Module 10: Monitoring SQL Server with Alerts and Notifications

- Configuration of database mail
- Monitoring SQL Server errors
- Configuring operators, alerts, and notifications
- Alerts in Azure SQL database

Module 11: Introduction to Managing SQL Server by using PowerShell

- Configure SQL Server using PowerShell
- Administer SQL Server using PowerShell
- Maintain the SQL Server environment using PowerShell
- Managing Azure SQL Server databases using PowerShell

Module 12: Tracing Access to SQL Server

- Capturing activity using SQL Server profiler
- Improving performance with the database engine tuning advisor
- Working with tracing options
- Distributed replay
- Monitoring locks

Module 13: Monitoring SQL Server

- Monitoring activity
- Capturing and managing performance data
- Analyzing collected performance data
- SQL Server utility

Module 14: Troubleshooting SQL Server

- SQL Server troubleshooting methodology
- Resolving service related issues
- Resolving login and connectivity issues
- Troubleshooting common issues

Module 15: Importing and Exporting Data

- Transferring data to/from SQL Server
- Importing and exporting table data
- Using BCP and BULK INSERT to import data
- Deploying and upgrading data-tier applications

Pris

Prisen er inkl. det officielle DMOC kursusmateriale og online labs. Du har adgang til kurset i 90 dage.

Microsoft Software Assurance Vouchere

Kurset kan betales med 5 SA vouchere.

Certificering

Kurset leder hen mod exam [70-764 Administering a SQL Database Infrastructure](#). Eksamen bestilles og betales særskilt.

Eksamen 70-764 er en del af certificeringen **MCSA SQL 2016 Database Administration**.

Har du faglige spørgsmål så kontakt



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