

SQL Server 2014 pour les DBA Oracle

Référence : **MS40074**

Durée : **4 jours**

Certification : **Aucune**

CONNAISSANCES PREALABLES

- Before attending this course, students must have: . • Familiarity with Microsoft Windows platforms. • Oracle DBA experience. • Understanding of operating system fundamentals.

PROFIL DES STAGIAIRES

- Oracle database administrators (DBAs) who work in an enterprise-level environment and require the skills to begin supporting and maintaining a SQL Server database.

OBJECTIFS

- Provide students with the knowledge and skills to capitalize on their skills and experience as an Oracle DBA to manage a Microsoft SQL Server system. • Provides training for Oracle DBA to compare and contrast Oracle database management to SQL Server database management.

CERTIFICATION PREPAREE

- Aucune

METHODES PEDAGOGIQUES

- Mise à disposition d'un poste de travail par stagiaire
- Remise d'une documentation pédagogique papier ou numérique pendant le stage
- La formation est constituée d'apports théoriques, d'exercices pratiques, de réflexions et de retours d'expérience
- Le suivi de cette formation donne lieu à la signature d'une feuille d'émergence

FORMATEUR

Consultant-Formateur expert SQL Server 2012/2014

METHODE D'EVALUATION DES ACQUIS

- Auto-évaluation des acquis par le stagiaire via un questionnaire
- Attestation de fin de stage adressée avec la facture

CONTENU DU COURS

Database and instances

- Terminology concepts
- Client interaction with database and instance
- Understanding database limits

Instance architecture

- Configuring a database server
- Memory architecture overview
- Understanding processes and threads in the database engine
- Background processes

Database architecture

- Schema and data storage
- Tablespace and datafiles
- Logging and data dictionary

Data objects

- Database tables
- Schema objects
- Data and data types
- Non-native data types – Beyond relational

Data access

- Comparing structured query language
- Control and procedural statements
- Developing robust queries

Basic administration

- Installing SQL Server
- Managing and configuring SQL Server
- Working with SQL Server databases

Managing schema objects

- Managing tables, constraints, object identifiers, and naming
- Managing triggers
- Managing indexes and views

Data protection and security

- Securing the database
- Managing users
- Understanding privileges
- Managing roles

Data transport

- Getting data into and out of SQL Server
- Understanding SQL Server Integration Services
- Other transfer methods

Backup and recovery

- Understanding database backups
- Data recovery

- Backup and recovery tools and solutions

Monitoring and performance tuning

- SQL Server performance tuning
- Managing memory and processes for SQL Server
- Managing database interactions
- Monitoring availability and errors
- Monitoring performance

Scalability and high availability

- Understanding availability
- Replicating databases
- Other methods to obtain availability

Microsoft SQL Server Migration Assistant

- Install and configure SQL Server Migration Assistant
- Migration projects
- Migrating the data