



Vos contacts :  
Marie-Jeanne ou Marjorie  
au : 05 61 34 39 80

## MS6317 – Upgrading SQL Server 2000 Database to SQL Server 2008

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<b>Objectif</b>	After completing this course, students will be able to: describe the new features of SQL Server 2008, plan for a SQL Server 2008 installation, upgrade, and migration, understand SQL Server data types, Manage SQL Server 2008, secure a SQL Server 2008 database, prepare for and recover from potential database disasters, maintain availability to their SQL Server data even through server downtime, configure replication of SQL Server 2008 databases, implement policy-based management, monitor database activity, monitor and manage database performance.
<b>Pré requis</b>	Before attending this course, students must have experience developing or administering SQL Server 2000 databases
<b>Durée</b>	5 days

### Contenu

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#### **Module 1 : An Introduction to SQL Server 2008**

- The Evolution of SQL Server
- SQL Server 2008 Architectural Components

#### **Module 2 : Installing and Upgrading to SQL Server 2008**

- Preparing for SQL Server 2008 Installation
- Installing SQL Server 2008
- Upgrading a SQL Server 2000 Instance
- Configuring a SQL Server Installation
- Using SQL Server Configuration Manager

#### **Module 3 : Storage Enhancements in SQL Server 2008**

- Data Type Enhancements
- Table Partitioning
- Indexing Enhancements
- Tuning Indexes (Optional)

#### **Module 4 : SQL Server 2008 Administration Enhancements**

- Administration Tools Overview
- Using SQL Server Management Studio
- Using the sqlcmd Utility
- Using Windows PowerShell

#### **Module 5: Security Enhancements with SQL Server 2008**

- SQL Server 2008 Security Overview
- Managing SQL Server 2008 Security
- Managing Permissions
- Managing Keys and Certificates
- Data Encryption

#### **Module 6 : SQL Server 2008 Disaster Recovery**

- Database Backup
- Backup Compression
- Database Restoration
- Database Snapshots

#### **Module 7 : High Availability in SQL Server 2008**

- Log Shipping
- Database Mirroring
- Determining the Best High Availability Solution

#### **Module 8 : Replication Enhancements in SQL Server 2008**

- New Types of Replication
- Additional Replication Enhancements

#### **Module 9 : SQL Server 2008 Policy-Based Management**

- Understanding Central Management Servers
- Understanding Policy-Based Management
- Implementing Policy-Based Management

#### **Module 10 : SQL Server 2008 Monitoring Enhancements**

- Monitoring a Database
- Using DDL Triggers
- Auditing in SQL Server
- Event Notifications
- Using Static and Dynamic Metadata

#### **Module 11: SQL Server 2008 Performance**

- Managing Workloads with Resource Governor
- Monitoring Performance with the Data Collector
- Managing Performance with Plan Freezing