

SQL Server Training: Core Administration Skills (SQLLSEC, 4 jours)

Description

The course Core Administration Skills (SQL Server Training) is an exploration of database administration with SQL Server. Every aspect of SQL Server database administration is covered from the creation of relational databases & tables to the development of powerful TSQL scripts to automate primary administrative tasks. The training includes SQL Server database security & monitoring , performance tuning, backup & recovery, security and indexing to name a few.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Application Architecture

The Application Tiers: 1, 2 and 3-Tiered Applications
Distributed Applications: Technology and Infrastructure
Web Applications: Technology and Infrastructure.
SQL Server Features and Services

Database Essentials

The Relational Database Management System: SQL Server
Creating Tables
Schemas
Implementing Database Integrity
Domain Integrity
Entity Integrity: Primary Keys
Referential Integrity: Foreign Keys
Retrieving Table and Constraint Information

Manipulating Data

The Basic SELECT Statement
Retrieving Aggregate Values
Modifying Data
Selecting From Multiple Tables
Sub-Queries
Implementing Views

TSQL Programming

Declaring and Using Variables
String Functions
Using the XML Data Type
Using XQuery
DateTime Functions
SQL Server NULL Value Functions
Implementing Error Handling
Creating Functions
Stored Procedures
Triggers

Indexes	
Index Architecture	
Planning Indexes	
Managing Table Data	
Rebuilding Indexes	
Creating Full Text Indexes	
Jobs and Alerts	
Scheduling and Using Jobs Tasks	
Using Job Operators	
Creating Jobs and Tasks Using Management Studio	
Server Security	
Authorization and Authentication	
SQL Server Security	
Creating Logins	
Creating Users	
Assigning Permissions	
Backup and Recovery	
SQL Server Logging	
Performing Database Backups	
Recovery	
A Complete System Administration Lab for SQL Server	