



Are You Ready?

Advanced SQL Server Database Administration Online Master Class

SQL Server is an enterprise level RDBMS server with a very powerful database engine capable of handling toughest of requirements in terms of scalability, availability, extensibility and performance. The 40-hour class offers a comprehensive coverage of Hardware Sizing, Installing and configuring SQL Server, Managing User and System Databases, Securing and Auditing SQL Server, Virtualization and Monitoring SQL Server. The course will help you to plan backup and restore strategies, design disaster recovery and high availability solutions and will make you ready for the cloud. Overall, this is the most detailed, advanced & comprehensive training on Administering SQL Server. The course is taught by Ahmad Osama, Microsoft Most Valuable Professional (MVP) Data Platform.

To know more, visit <http://www.sqlmaestros.com/sql-server-classes-india/>

 classes@sqlmaestros.com

**SQLMaestros**



Course Title:

Advanced SQL Server Database Administration

Duration: 40 hours(4 hours per day, 10 working days/2 consecutive week)

Schedule:

To browse the latest schedule of Advanced SQL Server Database Administration Masterclass, visit:

<http://www.sqlmaestros.com/sql-server-classes-india/>

Key Highlights of Training:

- The most advanced SQL Database Administration workshop
- 40 hours of deep dive learning
- True level 300-400, exclusive content
- Packed with real-world knowledge, get real-world exposure
- Get your own copy of SQLMaestros course material
- Packed with real-world demos and examples
- Learn from the Master: Amit Bansal is one of the very few Microsoft Certified Masters.

To know more about SQL Master Classes, visit

<http://www.sqlmaestros.com/sql-server-classes-india/>

About The Instructor:

Amit R S Bansal, Director at eDominator Systems, is a Microsoft Certified Master of SQL Server & Microsoft MVP. He has worked on countless SQL Server projects since 1997, consulted, trained & mentored more than 15000 SQL Server professionals, delivered more than 500 workshops for 150+ SQL Server customers worldwide. He also speaks at international conferences on SQL Server and authors SQL content for Microsoft Corporation. Amit also holds an honorary status of Microsoft Regional Director.

Course Outline:

- Module 1: Determining Hardware Requirement for SQL Server Installation
Partition alignment, I/O considerations, CPU considerations, Memory Considerations, Virtual machine considerations, Hardware Sizing, performance considerations, SAN Advanced Features and more!!!
- Module 2: Installing and Configuring SQL Server
Installation Considerations, Server and Database Configuration settings, Database file placement, master databases layout, Filestream consideration, GUI installation, unattended installation using powershell and more!!!
- Module 3: Managing Databases
Managing Storage for System and User Databases, Moving System and User Databases, Recovering System Databases, Database File Placement, Configuring Buffer Pool Extension and more!!!
- Module 4: Securing your SQL Server Installation
Server and database level security, SQL Server logins and users, user and system roles, Authentication Modes, Encryption, certificates and more!!!
- Module 5: Auditing SQL Server
Audit Logins, Audit Data Changes, Audit SQL Server, DDL Triggers, Change Data Capture and more!!!
- Module 6: Backup and Restore
Recovery Models, Backup Strategies, Backup Options, Different Types of Database Backups, Verifying Backup Integrity, Database Restore Process, Different Restore Types, Point-in-Time Recovery, Advanced Restore Scenarios and more!!!
- Module 7: Maintaining SQL Server Databases
Index and Statistics Maintenance, Consistency Checks, Data Archival or Purging, Creating a Database Maintenance Plan, Automating Maintenance Plan and more!!!
- Module 8: Monitoring SQL Server
Monitoring Tools – Extended Events, SQL Trace, Important DMVs, Wait Stats, Virtual File Stats, Performance Monitor, PAL, Monitoring VMs, Creating Baseline, Configuring Database Mail, Configuring Alerts, Analyzing Collected Data and more!!!
- Module 9: Disaster Recovery and High Availability
Planning a Recovery Strategy, Log Shipping, Database Mirroring, Availability Groups, Failover Clustering and more!!!
- Module 10: Troubleshooting Administrative Issues
Troubleshooting Login and Connectivity Issues, Corruption and Consistency Issues, Service Related Issues, Building Inventory, live troubleshooting scenarios and more!!!
- Module 11: Managing and Troubleshooting Virtualization
Virtualization Considerations, Processor Best Practices, Memory Best Practices, Storage Best practices, Optimizing CPU, Memory and Storage, Find and fix common Hyper-V and VM-Ware problems and more!!!
- Module 12: Cloud for DBAs
Azure SQL Databases, SQL Server On Azure VM, Stretch Database, Hybrid Scenarios and more!!!



About SQLMaestros

SQLMaestros.com, a brand of eDominator Systems, is a focused team of Microsoft Data Platform specialists. Over the last decade we have consulted & trained more than 120+ customers on countless SQL Server projects. We demonstrate in-depth expertise and offer world-class consulting services. Our team travels extensively across the globe to deliver consulting & training services. We offer SQL Server training globally through our online & video based trainings. More than 150 customers have hired us to train & mentor their SQL resources.

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