

Microsoft Certified Master Microsoft SQL Server 2008



Microsoft® Certified Master in SQL Server® 2007: Recognizes, Develops, and Certifies Technical Excellence

MCM PERSPECTIVES

"Graduates of this program will be recognized by Microsoft as the top Microsoft Server experts in the world."

Norm Judah

Chief Technology Officer, Services
Microsoft Corporation

WHAT IS THE MICROSOFT CERTIFIED MASTER PROGRAM?

The highest level of technical training and certification that recognizes, develops, and validates an individual's ability to design, implement, and troubleshoot solutions built on Microsoft products and technologies.

MCM INSTRUCTORS

Master program instructors are renowned leaders in the global database community, which includes Microsoft product architects, design engineers, and world-class database design and management consultants—all of whom have extensive backgrounds in the IT industry.

In today's competitive market, data management requirements are more complex and diverse than ever before. Transactional and business intelligence data must be managed efficiently while providing security, availability, reliability, manageability, integration, performance and data integrity. The investment in SQL Server 2008 provides a secure, reliable and scalable platform for storing mission critical information, and delivering the right information to all users, while reducing the time and cost of managing data. An organization that wants to make the most of its data needs a Microsoft Certified Master (MCM) in Microsoft SQL Server 2008.

A Microsoft Certified Master (MCM) for SQL Server 2008 successfully completes a rigorous and exclusive program providing comprehensive technical skills for today's complex data management requirements and tomorrow's challenges. Studies indicate that decisions made during the design phase of a typical software project determine the future operating costs. Mastery of the technical breadth allow the Microsoft Certified Master to make effective design, deployment and operational decisions and to avoid costly pitfalls of poor design.

Join the exclusive community of SQL Server database technical experts

All Microsoft Certified Masters become an immediate part of an exclusive community of SQL Server experts that includes fellow MCM graduates and members of the SQL Server Product Group as well as valuable resources to which they can contribute and from which they can draw the collective knowledge of that community at any time.

Certified individuals prove their technical mastery

Candidates who participate in the program are challenged to prove their mastery in ongoing testing based in part on the state-of-the-art in-class virtual labs that provide a large Enterprise infrastructure of the Microsoft SQL Server 2008 platform. They troubleshoot and diagnose configuration and performance issues, and demonstrate and deploy the detailed knowledge and skills that are required to successfully design, operate and manage an enterprise-class SQL Server 2008 infrastructure.

A Microsoft Certified Master helps the organization assess its current data needs, map major initiatives and projects, rate the impact of identified gaps (value, cost, level of effort), and prioritize investments for maximum impact, lowest cost, and greatest leverage. Organizations looking to onboard large, complex, or highly available SQL Server solutions benefit from the expertise of a SQL Server MCM. These experts work with customers to successfully design, implement, troubleshoot and support SQL Server 2008 solutions, including (but not limited to) the following scenarios:

MICROSOFT CERTIFIED ARCHITECT FOR SQL SERVER 2008

Building on the Microsoft Certified Master in SQL Server 2008, the Microsoft Certified Architect (MCA): Database certification is designed for consulting professionals who possess an additional skill set focused on the larger business strategies and technical architecture as a whole.

MCM: SQL Server 2008 is a pre-requisite requirement for attempting MCA: Database certification.

www.microsoft.com/learning/mcp/architect

STATE-OF-THE-ART LABS

Candidates have access to state-of-the-art hardware. Each candidate will receive a dedicated, dual quad processor, x64-based server with 16GB of RAM to build their own lab environment, using Microsoft Hypervisor Technology (Hyper-V™) or Microsoft Virtual Server technology.

www.microsoft.com/learning/mcp/master



- Public-facing Web sites serving millions of customers
- Enterprise intranet solutions serving global organizations with hundreds of thousands of users
- Consolidation platforms hosting terabytes of content for large organizations
- SQL Server consolidation scenarios, multi-tenancy, enterprise data warehousing and business intelligence
- Highly available solutions requiring constant uptime
- High transaction volume systems requiring optimally configured solutions to ensure maximum throughput

www.microsoft.com/sqlserver/2008/en/us/overview.aspx

Advanced training deepens the technical skills of experienced data professionals

The MCM program—a mixture of presentations, whiteboard discussions, and goal-based labs—delivers the most in-depth and comprehensive training that is available today for SQL Server 2008. As part of their training, candidates complete an independent lab exercise, which allows them to develop and apply their knowledge in an environment where instructor and peer support is readily available.

MCM SQL Server 2008 training activities include:

- A multi-week lab assignment in which you implement a series of upgrades and improvements that include SQL Server’s upgrade and data distribution functionality.
- A physical modeling lab where you investigate the tradeoffs between academic relational designs with practical relational implementation.

Training covers the individual core SQL Server 2008 technologies as well as broader architectural and operational areas such as high availability, storage, performance tuning, security, and disaster recovery. During the long days of instruction, with nights devoted to study (sometimes in groups), candidates have direct access to Microsoft product managers and engineers, who provide information not available anywhere else. And individuals with an MCM credential gain entry into a community of elite peers.

Prerequisites

Prerequisites for entry into the program include the following knowledge and experience:

1.	Five or more years of hands-on experience installing, configuring, and troubleshooting SQL Server 7.0 or later, with one or more years on SQL Server 2005 or later.
2.	A thorough understanding of SQL Server design and architecture.
3.	A thorough understanding of SQL Server core components and dependencies, such as OLTP, high availability, disaster recovery, performance-tuning optimization, storage, security, manageability, and data distribution technologies.
4.	Ability to speak, understand, and write fluent English.
5.	Both an MCITP: Database Developer certification and an MCITP: Database Administrator certification.