



# MCSE on Windows Server 2003

## Value of the MCSE certification to IT Professionals:

- Improves proficiency with Windows Server 2003 by raising awareness of timesaving product features and capabilities.
- Shows proven ability to design a network and Active Directory infrastructure, as well as implement and administer a network and desktop operating system.
- Enhances status as an IT professional and creates a distinction between systems engineers.

## Value of the MCSE certification to Hiring Managers and Organizations:

- Strengthens organizations with top-quality talent proficient on Windows Server 2003.
- Increases customer satisfaction and decreases support costs through improved service, productivity, and technical self-sufficiency.
- Serves as a reliable benchmark for hiring and promotions.

For more information, please visit the Microsoft Training & Certification Web site or contact your local Microsoft CTEC. [www.microsoft.com/mcse](http://www.microsoft.com/mcse)



# MCSE on Windows Server 2003

The premier certification for today's new technology.



### Key Data

#### TARGET AUDIENCE:

IT professionals who analyze the business requirements, plan, design, and implement the infrastructure for business solutions based on the Microsoft Windows Server System.

#### TYPICAL JOB TITLES FOR MCSE:

- Systems Engineer
- Technical Support Engineer
- Systems Analyst
- Network Analyst
- Technical Consultant

#### EXPERIENCE:

MCSE candidates should have at least one year of experience planning, implementing, and analyzing business solutions with Microsoft products and technologies.

#### MORE INFORMATION:

[www.microsoft.com/mcse](http://www.microsoft.com/mcse)

The Microsoft Certified Systems Engineer (MCSE) credential is the premier certification for professionals who can successfully plan, implement, and design a network infrastructure, Active Directory® infrastructure, and client deployment on the Microsoft® Windows® Server 2003 platform, and perform maintenance at a high level for a medium- to large-sized Windows Server 2003 environment.

### Technology that combines functionality, reliability, and seamless integration

Windows Server 2003 is Microsoft's most scalable, reliable, and high-performing server operating system to date, built to handle the most complex business applications. It is designed to simplify migration from previous versions of Windows, managing mission-critical data with enhanced security technology and providing maximum server uptime for sophisticated business needs.

### Get trained, and stay ahead of the competition

Microsoft's training paths accommodate many skill levels. The new Microsoft Skills Assessment tool is an easy way to find the right starting point in order to successfully complete your Windows Server 2003 project. It will assess and analyze your skills, providing a personalized learning plan based on the results. Visit [www.microsoft.com/assessment/](http://www.microsoft.com/assessment/) to take advantage of this opportunity. If you are skilled on Windows NT® 4.0 or Windows 2000, you can expect a shortened learning path to master Windows Server 2003.

### MCSE certification is the benchmark of success

Professional certification will brand you as a top-tier IT professional. When you follow the Windows Server 2003 learning path, you can strive to achieve the highest certification, MCSE on Windows Server 2003. Because the Microsoft Certified Systems Administrator (MCSA) credential is the foundation for the MCSE credential, many individuals seeking MCSA certification can also satisfy MCSE requirements.

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**STEP ONE ►**  
CORE NETWORK  
REQUIREMENTS

**TRAINING:**

- 2274:** Managing a Microsoft® Windows® Server 2003 Environment; 5 Days
- 2275:** Maintaining a Microsoft Windows Server 2003 Environment; 3 Days
- 2276:** Implementing a Microsoft Windows Server 2003 Network Infrastructure: Network Hosts; 2 Days
- 2277:** Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure: Network Services; 5 Days

**EXAMS:**

- 70-290:** Managing and Maintaining a Microsoft Windows Server 2003 Environment
- AND**
- 70-291:** Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

**OR FOR THE ACCELERATED LEARNING PATH FOR AN MCSE ON WINDOWS NT 4.0**

- 2208:** Updating Support Skills from Microsoft Windows NT 4.0 to Microsoft Windows Server 2003; 3 Days

- 70-290:** Managing and Maintaining a Microsoft Windows Server 2003 Environment
- AND**
- 70-291:** Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

**AND TO CONTINUE CORE NETWORK REQUIREMENTS**

- 2278:** Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure; 5 Days
- 2279:** Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory® Infrastructure; 5 Days

- 70-293:** Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure
- AND**
- 70-294:** Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure

**AND**

- 2285:** Installing, Configuring, and Administering Microsoft Windows XP Professional; 2 Days

- 70-270\*:** Installing, Configuring, and Administering Microsoft Windows XP Professional

**AND**

- 2282:** Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure; 5 Days
- OR**
- 2830:** Designing Security for Microsoft Networks; 3 Days

- 70-297\*\*:** Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure
- OR**
- 70-298\*\*:** Designing Security for a Microsoft Windows Server 2003 Network

**AND**

**STEP TWO ►**  
CORE CLIENT REQUIREMENT

**STEP THREE ►**  
CORE DESIGN  
REQUIREMENT

**STEP FOUR ►**  
ELECTIVES

**One elective exam is required to achieve the MCSE on Windows Server 2003 certification.**

**CHOOSE ONE:**

- 2203:** Deploying and Managing Microsoft Application Center 2000; 2 Days
- 2073:** Programming a Microsoft SQL Server 2000 Database; 5 Days
- 2282:** Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure; 5 Days
- 2830:** Designing Security for Microsoft Networks; 3 Days
- 2159:** Deploying and Managing Microsoft Internet Security and Acceleration Server 2000; 3 Days
- 828:** Deploying and Supporting Microsoft Systems Management Server 2.0; 5 Days
- 2072:** Administering a Microsoft SQL Server 2000 Database; 5 Days

**CHOOSE ONE:**

- 70-232:** Implementing and Maintaining Highly Available Web Solutions with Microsoft Windows 2000 Server Technologies and Microsoft Application Center 2000
- 70-229:** Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition
- 70-297:** Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure
- 70-298:** Designing Security for a Microsoft Windows Server 2003 Network
- 70-227:** Installing, Configuring, and Administering Microsoft Internet Security and Acceleration (ISA) Server 2000, Enterprise Edition
- 70-086:** Implementing and Supporting Microsoft Systems Management Server 2.0
- 70-228:** Installing, Configuring, and Administering Microsoft SQL Server 2000 Enterprise Edition

**As an alternative to the electives noted above, the following certification may substitute for an MCSE elective.**

- MCSE on Microsoft Windows NT 4.0
- MCSA on Microsoft Windows 2000
- MCSE on Microsoft Windows 2000

\* Exam 70-210 also satisfies the core client requirement

\*\* Exams 70-219, 70-220, 70-221, and 70-226 also satisfy the core design requirement. Exams 70-297 and 70-298 may each count once as either one core design exam or one elective exam.

**STEP ONE ►**  
**ACCELERATED  
UPGRADE PATH FOR  
AN MCSE ON  
WINDOWS 2000**

**TRAINING:**

- 2209:** Updating Systems Administrator Skills from Microsoft Windows 2000 to Windows Server 2003; 2 Days
- 2210:** Updating Systems Engineer Skills from Microsoft Windows 2000 to Windows Server 2003; 3 Days

**EXAMS:**

- 70-292:** Managing and Maintaining a Microsoft Windows Server 2003 Environment for an MCSA Certified on Windows 2000
- AND**
- 70-296:** Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Environment for an MCSE Certified on Windows 2000.

**The following certifications satisfy the MCSE elective requirement.**

- MCSE on Microsoft Windows NT 4.0
- MCSA on Microsoft Windows 2000
- MCSE on Microsoft Windows 2000

**STEP ONE ►**  
**ACCELERATED  
UPGRADE PATH FOR  
AN MCSA ON  
WINDOWS 2000**

**TRAINING:**

- 2209:** Updating Systems Administrator Skills from Microsoft Windows 2000 to Windows Server 2003; 2 Days
- 2278:** Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure; 5 Days
- 2279:** Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory® Infrastructure; 5 Days

**EXAMS:**

- 70-292:** Managing and Maintaining a Microsoft Windows Server 2003 Environment for an MCSA Certified on Windows 2000
- AND**
- 70-293:** Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure
- AND**
- 70-294:** Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure

**AND**

- 2282:** Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure; 5 Days

**OR**

- 2830:** Designing Security for Microsoft Networks; 3 Days

**AND**

- 70-297\*:** Designing a Microsoft Windows Server 2003 Active Directory and Network Infrastructure

**OR**

- 70-298\*:** Designing Security for a Microsoft Windows Server 2003 Network

**The following certifications satisfy the MCSE elective requirement.**

- MCSE on Microsoft Windows NT 4.0
- MCSA on Microsoft Windows 2000
- MCSE on Microsoft Windows 2000

\* Exams 70-219, 70-220, 70-221, and 70-226 also satisfy the Core Design Requirement. Exams 70-297 and 70-298 may each count once as either one core design exam or one elective exam.

**Choose your path to MCSE certification**

There are multiple ways to chart your path to MCSE on Windows Server 2003. Candidates who achieve the MCSA on Windows Server 2003 can apply most or all of those exams toward the MCSE credential. Those individuals with the MCSE on Windows 2000 credential may easily update their credential, and those skilled in Windows NT 4.0 will find opportunities to accelerate learning on the new technology.

Our comprehensive skills paths include Microsoft Official Curriculum training delivered at Microsoft Certified Technical Education Centers (Microsoft CTECs). Self-paced training kits from Microsoft Press® are also available. Visit [www.microsoft.com/mspress/certification/](http://www.microsoft.com/mspress/certification/) for available titles.