



MCSE

Stay competitive. Meet the challenge.



Key Data

AVAILABLE:

- June 2000

TARGET AUDIENCE:

- IT professionals who analyze the business requirements and design and implement the infrastructure for business solutions based on the Microsoft Windows operating system and Microsoft Servers software.

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 analyzing business solutions with Microsoft products and technologies.

MCP EXAMS REQUIRED:

- 4 core exams + 1 core design exam + 2 elective exams

MICROSOFT OFFICIAL CURRICULUM (MOC) FOR CORE EXAMS:

- Core exams:** Courses 2151, 2152, 2153, and 2154
- Design exams:** Course 1561, 2150, 1562, or 2088

MORE INFORMATION:

- www.microsoft.com/mcse

Microsoft® Certified Systems Engineer Certification

The Microsoft Certified Systems Engineer (MCSE) on Microsoft Windows® 2000 credential is the premier certification for professionals who analyze the business requirements and design and implement the infrastructure for business solutions based on the Microsoft Windows 2000 platform and Microsoft .NET Enterprise Servers. Implementation responsibilities include installing, configuring, and troubleshooting network systems.

The Microsoft Certified Systems Engineer (MCSE) on Microsoft Windows 2000 credential is appropriate for information technology (IT) professionals working in the typically complex computing environment of medium to large organizations. It is recommended that an MCSE on Windows 2000 have at least one year of experience analyzing business solutions with Microsoft products and technologies.

MCSE Computing Environment

An MCSE candidate typically has experience implementing and administering a network operating system in environments with the following characteristics:

- 200 to 26,000 supported users at 5 to 150 physical locations
- Typical network services and applications including file and print, database, messaging, proxy server or firewall, dial-in server, desktop management, and Web hosting
- Connectivity needs including connecting individual offices and users at remote locations to the corporate network and connecting corporate networks to the Internet

Value of MCSE Certification

The MCSE credential is one of the most widely recognized technical certifications in the industry. By earning the premier MCSE credential, you demonstrate that you have the skills necessary to lead organizations in the successful design, implementation, and administration of the most advanced Windows operating system.

Value to Individual IT Professionals

- The MCSE credential formally recognizes your design and implementation skills and enhances your status as a professional.
- The MCSE credential shows that you have proven skills to design a network infrastructure, as well as implement and administer a network and desktop operating system.

Value to Hiring Managers

- The MCSE credential identifies Network and Systems Engineer candidates who have proven skills to design, deploy, and administer a network infrastructure.
- MCSEs are able to effectively deploy an organization's systems, reduce system downtime, and increase productivity.

Training for MCSE

Microsoft offers several paths to help you earn your MCSE credential, including Microsoft Official Curriculum (MOC) courses delivered at a Microsoft Certified Technical Education Center (CTEC) and Self-Paced Training Kits from Microsoft Press®.

Microsoft Certified Systems Engineer (MCSE) on Microsoft Windows 2000 Requirements

MCSE on Microsoft Windows 2000 candidates are required to pass five core exams (four operating system exams plus one design exam) and two elective exams. Candidates who have earned the Microsoft Certified Systems Administrator (MCSA) credential can also apply those Microsoft exams toward the MCSE credential.

Core Exams (5 required)	Client Operating System (1 required)	①	70-210*	Installing, Configuring, and Administering Microsoft Windows 2000 Professional	
			70-270	Installing, Configuring, and Administering Microsoft Windows XP Professional	
	Networking System (3 required)	②	70-215*	Installing, Configuring, and Administering Microsoft Windows 2000 Server	
			③	70-216*	Implementing and Administering a Microsoft Windows 2000 Network Infrastructure
				④	70-217*
Design (1 required)	⑤	70-219**	Designing a Microsoft Windows 2000 Directory Services Infrastructure		
		70-220**	Designing Security for a Microsoft Windows 2000 Network		
		70-221**	Designing a Microsoft Windows 2000 Network Infrastructure		
		70-226**	Designing Highly Available Web Solutions with Microsoft Windows 2000 Server Technologies		
Elective exams (2 required)	⑥ ⑦	70-085	Implementing and Supporting Microsoft SNA Server 4.0		
		70-086	Implementing and Supporting Microsoft Systems Management Server 2.0		
		70-019	Designing and Implementing Data Warehouses with Microsoft SQL Server 7.0		
		70-029	Designing and Implementing Databases with Microsoft SQL Server 7.0		
		or			
		70-229	Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition		
		70-028	Administering Microsoft SQL Server 7.0		
		or			
		70-228	Installing, Configuring, and Administering Microsoft SQL Server 2000 Enterprise Edition		
		70-056	Implementing and Supporting Web Sites Using Microsoft Site Server 3.0		
		70-081	Implementing and Supporting Microsoft Exchange Server 5.5		
		or			
		70-224	Installing, Configuring, and Administering Microsoft Exchange 2000 Server		
		70-088	Implementing and Supporting Microsoft Proxy Server 2.0		
		or			
		70-227	Installing, Configuring, and Administering Microsoft Internet Security and Acceleration (ISA) Server 2000, Enterprise Edition		
		70-080	Implementing and Supporting Microsoft Internet Explorer 5.0 by Using the Microsoft Internet Explorer Administration Kit		
		70-214	Implementing and Administering Security in a Microsoft Windows 2000 Network		
		70-218	Managing a Microsoft Windows 2000 Network Environment		
		70-219**	Designing a Microsoft Windows 2000 Directory Services Infrastructure		
		70-220**	Designing Security for a Microsoft Windows 2000 Network		
		70-221**	Designing a Microsoft Windows 2000 Network Infrastructure		
		70-222	Migrating from Microsoft Windows NT 4.0 to Microsoft Windows 2000		
		70-223	Installing, Configuring, and Administering Microsoft Clustering Services by Using Microsoft Windows 2000 Advanced Server		
70-225	Designing and Deploying a Messaging Infrastructure with Microsoft Exchange 2000 Server				
70-226**	Designing Highly Available Web Solutions with Microsoft Windows 2000 Server Technologies				
70-230	Designing and Implementing Solutions with Microsoft BizTalk™ Server 2000, Enterprise Edition				
70-232	Implementing and Maintaining Highly Available Web Solutions with Microsoft Windows 2000 Server Technologies and Microsoft Application Center 2000				
70-234	Designing and Implementing Solutions with Microsoft Commerce Server 2000				
70-244	Supporting and Maintaining a Microsoft Windows NT Server 4.0 Network				

* Candidates who passed Windows NT 4.0 Exams 70-067, 70-068, and 70-073 had the option to take the comprehensive exam 70-240: Microsoft Windows 2000 Accelerated Exam for MCPs Certified on Microsoft Windows NT® 4.0. By passing this exam, candidates met the following MCSE exam requirements: 70-210, 70-215, 70-216, and 70-217. This exam is no longer available.

** Exams 70-219, 70-220, 70-221, and 70-226 may each count once as either a core design exam or one elective exam.

Get Ready for MCSE

- **Prepare:** Use the exam preparation guides, MOC courses, and Microsoft Press Self-Paced Training Kits to learn how to prepare for this certification.
- **Plan:** You can earn the MCSA certification as you work toward achieving the MCSE certification. Investigate your short-term and long-term plans and choose the exams that best meet your professional goals.

For more information, including immediate steps you can take toward earning the MCSE credential, please visit the [Microsoft Training and Certification Web site](#), or contact your local Microsoft CTEC.

www.microsoft.com/mcse

