

Microsoft Windows NT Workstation 4.0 Exam Objectives

A

Exam 70-73: Implementing and Supporting Microsoft Windows NT Workstation 4.0

This appendix consists of four parts:

- The first part contains portions of Microsoft's *Preparation Guide for Exam 70-73: Implementing and Supporting Microsoft Windows NT Workstation 4.0*, including a complete list of this exam's objectives.
- The second part lists the basic facts for this exam, including the number of questions, passing score, and time allowed to take the exam.
- The third part is an exhaustive exam objectives cross-reference chart for study purposes. Every exam objective is linked to the corresponding materials (text and labs) in this book.
- The fourth part is a quick-reference chart listing the chapters and labs in this book that you should read and study to prepare for the exam.



web links

This exam information is current as of the date this book went to press, but is subject to change by Microsoft at any time. You can ensure that you have the most current version of this exam's objectives by accessing the Microsoft Training and Certification Web site at: www.microsoft.com/train_cert/

Credit Toward Certification

A passing score on this exam counts as core credit toward *Microsoft Certified Systems Engineer* certification and as core credit toward *Microsoft Certified Product Specialist* certification.

Skills Measured

The *Implementing and Supporting Microsoft Windows NT Workstation 4.0* certification exam measures your ability to implement, administer, and troubleshoot information systems that incorporate Windows NT Workstation. Before taking the exam, you should be proficient in the following job skills.

Exam Objectives

Planning

- Create unattended installation files.
- Plan strategies for sharing and securing resources.
- Choose the appropriate file system to use in a given situation. File systems and situations include: NTFS, FAT, HPFS, security, and dual-boot systems.

Installation and Configuration

- Install Windows NT Workstation on an Intel platform in a given situation.
- Set up a dual-boot system in a given situation.
- Remove Windows NT Workstation in a given situation.

- Install, configure, and remove hardware components for a given situation. Hardware components include network adapter drivers, SCSI device drivers, tape device drivers, UPS, multimedia devices, display drivers, keyboard drivers, and mouse drivers.
- Use Control Panel applications to configure a Windows NT Workstation computer in a given situation.
- Upgrade to Windows NT Workstation 4.0 in a given situation.
- Configure server-based installation for wide-scale deployment in a given situation.

Managing Resources

- Create and manage local user accounts and local group accounts to meet given requirements.
- Set up and modify user profiles.
- Set up shared folders and permissions.
- Set permissions on NTFS partitions, folders, and files.
- Install and configure printers in a given environment.

Connectivity

- Add and configure the network components of Windows NT Workstation.
- Use various methods to access network resources.
- Implement Windows NT Workstation as a client in a NetWare environment.
- Use various configurations to install Windows NT Workstation as a TCP/IP client.
- Configure and install Dial-Up Networking in a given situation.
- Configure Microsoft Peer Web Services in a given situation.

Running Applications

- Start applications on Intel and RISC platforms in various operating system environments.
- Start applications at various priorities.

Monitoring and Optimization

- Monitor system performance by using various tools.
- Identify and resolve a given performance problem.
- Optimize system performance in various areas.

Troubleshooting

- Choose the appropriate course of action to take when the boot process fails.
- Choose the appropriate course of action to take when a print job fails.
- Choose the appropriate course of action to take when the installation process fails.
- Choose the appropriate course of action to take when an application fails.
- Choose the appropriate course of action to take when a user cannot access a resource.
- Modify the registry using the appropriate tool in a given situation.
- Implement advanced techniques to resolve various problems.

Exam Facts

Number of questions on this exam:	51
Passing score:	705
Time allowed to take exam:	90 minutes

Exam Objectives Cross-Reference Chart for Study Purposes

Table A-1 lists the stated objectives for Exam 70-73, Implementing and Supporting Microsoft Windows NT Workstation 4.0, in a cross-reference chart for study purposes. Use this table to help you determine the specific chapters in this book that you should study, as well as the labs that you should perform, to prepare for the exam.

TABLE A-1 NT WORKSTATION 4.0 EXAM OBJECTIVES CROSS-REFERENCE CHART

<i>EXAM OBJECTIVE</i>	<i>CHAPTER(S)</i>	<i>LAB(S) (IF APPLICABLE)</i>
<i>Planning</i>		
Create unattended installation files.	Chapter 5, pages 183–189	Lab 5.7
Plan strategies for sharing and securing resources.	Chapter 12, pages 478–479	Lab 12.18
Choose the appropriate file system to use in a given situation. File systems and situations include NTFS, FAT, HPFS, security, and dual-boot systems.	Chapter 3, pages 69–75	Review Activity, pages 110–111
<i>Installation and Configuration</i>		
Install Windows NT Workstation on an Intel platform in a given situation.	Chapter 2, pages 27–50 Chapter 5, pages 175–189	Lab 2.1

continued

TABLE A-1 *(continued)*

<i>EXAM OBJECTIVE</i>	<i>CHAPTER(S)</i>	<i>LAB(S) (IF APPLICABLE)</i>
Set up a dual-boot system in a given situation.	Chapter 2, pages 31, 48 Chapter 3, page 70–71	Lab 2.2
Remove Windows NT Workstation in a given situation.	Chapter 2, pages 50–52	None
Install, configure, and remove hardware components for a given situation. Hardware components include network adapter drivers, SCSI device drivers, tape device drivers, UPS, multimedia devices, display drivers, keyboard drivers, and mouse drivers.	Chapter 4, pages 119–127, 142–144	Lab 4.6
Use Control Panel applications to configure a Windows NT Workstation computer in a given situation.	Chapter 4, pages 117–156	Lab 4.6
Upgrade to Windows NT Workstation 4.0 in a given situation.	Chapter 2, pages 31–32, 48	None
Configure server-based installation for wide-scale deployment in a given situation.	Chapter 5, pages 175–198	Lab 5.7
<i>Managing Resources</i>		
Create and manage local user accounts and local group accounts to meet given requirements.	Chapter 7, pages 261–282, 285–301	Lab 7.10
Set up and modify user profiles.	Chapter 9, pages 335–350	Lab 9.13

<i>EXAM OBJECTIVE</i>	<i>CHAPTER(S)</i>	<i>LAB(S) (IF APPLICABLE)</i>
Set up shared folders and permissions.	Chapter 12, pages 454–465, 478–479	Lab 12.18
Set permissions on NTFS partitions, folders, and files.	Chapter 12, pages 466–482	Lab 12.18
Install and configure printers in a given environment.	Chapter 6, pages 201–243, 246–256	Lab 6.8 Lab 6.9
Connectivity		
Add and configure the network components of Windows NT Workstation.	Chapter 4, pages 128–144	
	Chapter 6, pages 217–220	Lab 6.9
	Chapter 16, pages 585–595, 612–626	Lab 16.26
	Chapter 17, pages 645–653, 658–662, 670–671	Lab 17.29
Use various methods to access network resources.	Chapter 13, pages 515–537	Lab 13.22
Implement Windows NT Workstation as a client in a NetWare environment.	Chapter 17, pages 645–653, 658–662, 670–671	Lab 17.29
Use various configurations to install Windows NT Workstation as a TCP/IP client.	Chapter 2, pages 40–42, 49	Lab 2.1
	Chapter 6, pages 217–220	Lab 6.9
	Chapter 16, pages 585–595	

continued

TABLE A-1 *(continued)*

<i>EXAM OBJECTIVE</i>	<i>CHAPTER(S)</i>	<i>LAB(S) (IF APPLICABLE)</i>
Configure and install Dial-Up Networking in a given situation.	Chapter 19, pages 707–725, 729–741	Lab 19.32
	Chapter 4, pages 121–123, 156	Lab 4.6
Configure Microsoft Peer Web Services in a given situation.	Chapter 16, pages 612–626	Lab 16.26
<i>Running Applications</i>		
Start applications on Intel and RISC platforms in various operating system environments.	Chapter 21, pages 779–805	None
Start applications at various priorities.	Chapter 21, pages 786–789	Lab 21.34
<i>Monitoring and Optimization</i>		
Monitor system performance by using various tools.	Chapter 22, pages 809–845	Lab 22.35
	Chapter 21, page 791	
	Chapter 27, pages 952–959	
Identify and resolve a given performance problem.	Chapter 25, pages 903–915	Lab 25.37
Optimize system performance in various areas.	Chapter 25, pages 907–915	None
<i>Troubleshooting</i>		
Choose the appropriate course of action to take when the boot process fails.	Chapter 27, pages 941–949	None
	Chapter 26, pages 925–938	

<i>EXAM OBJECTIVE</i>	<i>CHAPTER(S)</i>	<i>LAB(S) (IF APPLICABLE)</i>
Choose the appropriate course of action to take when a print job fails.	Chapter 6, pages 243–245 Chapter 26, pages 925–938	Review Activity, pages 252–253
Choose the appropriate course of action to take when the installation process fails.	Chapter 2, pages 52–53 Chapter 26, pages 925–938	Review Activity, page 56
Choose the appropriate course of action to take when an application fails.	Chapter 21, pages 795–796 Chapter 26, pages 925–938	Review Activity, page 801
Choose the appropriate course of action to take when a user cannot access a resource.	Chapter 12, page 490 Chapter 26, pages 925–938	Lab 12.20
Modify the registry using the appropriate tool in a given situation.	Chapter 27, pages 960–970 Chapter 13, pages 521–524	Lab 27.39 Lab 13.21
Implement advanced techniques to resolve various problems.	Chapter 27, pages 939–989	Lab 27.39

Quick Reference – Chapters and Labs That Prepare You for the Windows NT Workstation 4.0 Exam

Table A-2 lists the specific chapters you should read and study, as well as the labs you should perform, to prepare for Exam 70-73, Implementing and Supporting

Microsoft Windows NT Workstation 4.0. With the exception of Chapter 1, which provides basic Windows NT information, each of these chapters and labs corresponds directly to the exam objectives listed in the previous section.

TABLE A-2 CHAPTERS AND LABS THAT PREPARE YOU FOR THE WINDOWS NT WORKSTATION 4.0 EXAM

<i>CHAPTER NUMBER</i>	<i>CHAPTER TITLE</i>	<i>APPLICABLE LAB(S) IN THIS CHAPTER</i>
Chapter 1	Overview of Windows NT Workstation and Windows NT Server	None
Chapter 2	Installing Windows NT Workstation and Windows NT Server	Lab 2.1, Lab 2.2, Review Activity: Installing Windows NT troubleshooting practice exercise
Chapter 3	Configuring Disks	Lab 3.3 Review Activity: File system planning exercise
Chapter 4	Using Control Panel	Lab 4.6
Chapter 5	Server-Based Deployment	Lab 5.7
Chapter 6	Managing Printing	Lab 6.8, Lab 6.9, Review Activity: Windows NT printing troubleshooting exercise
Chapter 7	Managing User and Group Accounts	Lab 7.10
Chapter 9	Managing User Profiles and System Policy	Lab 9.13
Chapter 12	Sharing and Securing File Systems	Lab 12.18, Lab 12.20
Chapter 13	Accessing Resources on the Network	Lab 13.21, Lab 13.22
Chapter 16	Networking Using TCP/IP	Lab 16.26
Chapter 17	Coexistence with NetWare	Lab 17.29

<i>CHAPTER NUMBER</i>	<i>CHAPTER TITLE</i>	<i>APPLICABLE LAB(S) IN THIS CHAPTER</i>
Chapter 19	Installing and Configuring Remote Access Service (RAS)	Lab 19.32
Chapter 21	Running Applications on Windows NT	Lab 21.34, Review Activity: Troubleshooting common application problems
Chapter 22	Using Performance Monitor	Lab 22.35
Chapter 25	Performance Optimization	Lab 25.37
Chapter 26	The Troubleshooting Process	None
Chapter 27	Advanced Troubleshooting Topics	Lab 27.39

