



Software Learning Centers
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Internet Information Server 3.0: Web Site Administration (Windows NT Server 4.0)

Course specifications

Course number: 044 910
Software version number: 3.0
Course length: 3 day(s)

Maps to: Microsoft
Course: 826
Exam #: 70-077

Course description

Overview: Students will learn how to install and manage an intranet or Internet site by using Internet Information Server (IIS) 3.0.

Prerequisites: Windows NT 4.0: System Administration, Windows NT 4.0: System Architecture and Network Support, and Implementing and Supporting TCP/IP on Windows NT or equivalent knowledge.

Delivery method: Instructor-led, group-paced, classroom-delivery learning model with structured hands-on activities.

Benefits: Students will learn how to install and manage an intranet or Internet site by using Internet Information Server, Index Server, Active Server Pages, and NetShow server, and how to create active multimedia content for that site. This course will assist students in preparing for the Microsoft Certified Systems Engineer exam #70-077, Implementing and Supporting Microsoft Internet Information Server 3.0 and Microsoft Index Server 1.1.

Target student: Students enrolling in this course should understand how to install and manage Windows NT Server 4.0 on a TCP/IP network. Students should also be comfortable with using the Internet and Internet Explorer.

Performance-based objectives

Lesson objectives help students become comfortable with the course, and also provide a means to evaluate learning. Upon successful completion of this course, students will be able to:

- Install Internet Information Server, Active Server Pages, and ODBC support
- Manage IIS by using Internet Service Manager, create virtual directories, and create a virtual server
- Set up and manage an FTP server
- Secure your server with authentication, network-related measures, and encryption
- Monitor and optimize the performance of your IIS server
- Log activity with IIS tools and with Crystal Reports, and troubleshoot and resolve problems with your IIS server
- Create Web pages by programming with HTML and using FrontPage 97
- Install and manage Index Server 1.1
- Link your Web pages to a database by using ODBC
- Link your Web pages to a database and create active content by using Active Server Pages

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- Evaluate the common Web-oriented scripting languages and add an ActiveX control to a Web page
- Install and manage NetShow On-Demand and NetShow Live and view multimedia information

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Course content

Lesson 1: Installing Internet Information Server 3.0

- Overview of the Internet and intranets
- Installing IIS

Lesson 2: Managing IIS

- Using Internet Service Manager
- The WWW service
- Using virtual directories
- Configuring virtual servers

Lesson 3: The FTP service

- Creating an FTP server
- Managing FTP and setting advanced FTP options

Lesson 4: Securing your IIS site

- User authentication and local security
- Securing your site using network-related techniques
- Encrypting and securing communications
- Managing IIS security

Lesson 5: Monitoring and optimizing performance

- Monitoring IIS and your server
- Managing performance

Lesson 6: Logging, reporting, and troubleshooting

- Logging IIS activity
- Creating reports with Crystal Reports
- Troubleshooting IIS

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Lesson 7: Creating content for your Web site

- An introduction to HTML
- Installing and using FrontPage 97

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Lesson 8: Installing and managing Index Server 1.1

- Installing Index Server 1.1
- Managing Index Server

Lesson 9: Linking your Web site to a database

- Using ODBC to access databases

Lesson 10: Creating dynamic Web sites with Active Server Pages

- Creating active content with Active Server Pages
- Linking to databases by using ASP

Lesson 11: Scripting and programming for your Web site

- Scripting dynamic Web pages
- Programming dynamic Web pages

Lesson 12: Managing multimedia content with NetShow

- Supporting multimedia with NetShow On-Demand
- Supporting live multimedia with NetShow Live

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