

Course 2694 — Instructor-led

Course Length: 2 days

At the end of this course, students will be able to:

- Install IIS 6.0 on Windows Server 2003.
- Configure application and Web services support on IIS 6.0.
- Migrate Web sites and applications from earlier versions of IIS.
- Enhance the security of IIS 6.0 by configuring authentication and access options.
- Manage Web server configuration settings through the IIS 6.0 metabase.
- Implement SMTP and POP e-mail services on IIS 6.0.
- Monitor IIS 6.0 performance and troubleshoot problems.

Prerequisites:

Before attending this class, students must have:

- Practical experience working as a Web server administrator with IIS 4.0 or IIS 5.0.
- Experience working with Windows Server 2003.

Students can gain the prerequisite knowledge and skills by completing one of the following courses:

- Course 2295: Implementing and Supporting Microsoft Internet Information Services 5.0
- Workshop 2209: Expert Track—Updating Systems Administrator Skills from Microsoft Windows 2000 to Windows Server 2003

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- Course 2295: Implementing and Supporting Microsoft Internet Information Services 5.0
- Course 2299: Managing and Maintaining a Microsoft Windows Server 2003 Environment for an MCSA on Windows 2000

Course Outline

Unit 1: Installing IIS 6.0

This unit introduces IIS 6.0 and describes its redesigned architecture. The unit also covers installing IIS 6.0 and introduces the scenarios and tools that will be used throughout the workshop.

Unit Objectives

- Install IIS 6.0.
- Verify settings of isolation mode and configure auto updates.
- Create a new Web site and virtual directory.
- Install IIS 6.0 Resource Kit.

Unit 2: Enabling the Web Server as an Application Server

This unit explains application pooling, isolation mode, and Web gardens, and covers how to configure these features to provide application server functionality.

Unit Objectives

- Configure the application server.
- Implement application pooling in worker process isolation mode.
- Configure a Web garden.
- Implement an FTP site in user isolation mode.

Unit 3: Manually Migrating to IIS 6.0

This unit explains how existing Web sites can be migrated from previous versions of IIS by using a manual process.

Unit Objectives

- Manually migrate a Web site from IIS 4.0 or IIS 5.0 to IIS 6.0.
- Manually migrate an existing Web site.
- Choose the correct isolation mode.

Unit 4: Using the Migration Tool to Migrate a Web Site to IIS 6.0

This unit explains how the IIS migration tool can be used to automatically migrate Web sites from previous versions.

Unit Objectives

- Perform pre-migration tasks.
- Migrate a Web site using the migration tool.
- Perform post-migration tasks.

Unit 5: Configuring Authentication and Authorization on IIS 6.0

This unit provides hands-on experience of how to enhance Web server security by configuring authentication options, restricting access through permissions,

Updating Web Server Skills to Internet Information Services 6.0

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enabling security-enhanced communications protocols, and implementing Microsoft .NET Passport.

Unit Objectives

- Secure Web application sites in IIS 6.0.
- Configure authentication.
- Configure authorization (restrict access to Web pages).
- Enable secure communications (enable IPSec).
- Configure .NET Passport authentication.
- Install and configure SSL.

Unit 6: Managing the Metabase

This unit explains the differences in how the metabase is used in IIS 6.0 and provides practical experience for modifying, backing up, and restoring the metabase.

Unit Objectives

- Manage IIS configuration settings by modifying the metabase.
- Back up the metabase.
- Restore the metabase.
- Copy configuration settings to another machine.
- Understand key points in managing the metabase.

Unit 7: Implementing E-Mail Services in IIS 6.0

This unit explains how to configure and manage e-mail services for IIS 6.0, including the new POP3 service provided by Windows Server 2003.

Unit Objectives

- Enable SMTP and POP3 mail on IIS 6.0.
- Implement SMTP service.
- Implement POP3 service.

Unit 8: Monitoring Performance and Troubleshooting IIS 6.0

This unit covers how to troubleshoot performance and access problems with IIS 6.0 and provides hands-on experience in monitoring and logging Web server activity.

Unit Objectives

- Troubleshoot typical performance and access problems with IIS 6.0.
- Troubleshoot access problems.
- Monitor Web site performance.