



## COMPUTER TRAINING

The key to a better future

## INTERNET

Course No. 2694

2 Days

### Target Audience:

This workshop provides students with the knowledge and skills to manage and maintain a Web server running Internet Information Services (IIS) 6.0 on Microsoft Windows Server 2003. It is intended for experienced Web server administrators with a background in implementing and supporting previous versions of IIS on Microsoft Windows NT 4.0 or Windows 2000.

### Pre-requisites:

Before attending this course, students must have the following pre-requisites:

- Practical experience working as a Web server administrator with IIS 4.0 or 5.0
  - Experience working with Windows Server 2003.
  - Completion of Course 2295: Implementing and Supporting Microsoft Internet Information Services 5.0.
  - Completion of Workshop 2209: Expert Track—Updating Systems Administrator Skills from Microsoft Windows 2000 to Windows Server 2003
- OR**
- Completion of Course 2299: Managing and Maintaining a Microsoft Windows Server 2003 Environment for an MCSA on Windows 2000.

### Purpose:

After completing the 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.



# Updating Web Server Skills to Internet Information Services 6.0

At the end of the course the delegate will be able to complete the following:

## 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.

### Skills:

- 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.

## 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.

### Skills:

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

## 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.

### Skills:

- 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.

## 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.

### Skills:

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

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

### Skills:

- 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.

## 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.

### Skills:

- 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.

## 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.

### Skills:

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

## 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.

### Skills:

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



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## **PARTICULARS**

**Cost:**

**£790 plus VAT**

**Platform:**

Windows

**Numbers:**

Maximum of 6 people on each  
course at F1's training facilities  
in London and Bath