

# Supporting Microsoft IIS

A 5 day **Hands on** training course



## Description

This course provides students with the fundamental knowledge and skills to configure and manage Internet Information Services. This course is intended to help provide pre-requisite skills supporting a broad range of Internet web applications, security, and knowledge to help support other products that use IIS such as Exchange and SharePoint.



## Key outcomes

By the end of the course delegates will be able to:

- ✓ Install IIS.
- ✓ Configure IIS.
- ✓ Secure websites.
- ✓ Maintain IIS.



## Training Approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



## Details

### Who will benefit?

Technical staff working with Microsoft IIS.

### Prerequisites

TCP/IP foundation for engineers.  
Supporting Windows server

**Duration:** 5 days

**Overall rating:**



### Generic Training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

*"Friendly environment with expert teaching that teaches the why before the how."*  
G.C. Fasthosts

### Small Class Sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

*"Excellent course. The small class size was a great benefit..."*  
M.B. IBM

### Hands On Training



The majority of our courses use hands on sessions to reinforce the theory.

*"Not many courses have practice added to it. Normally just the theoretical stuff is covered."*  
J.W. Vodafone

### Our Courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

*"Comprehensive materials that made the course easy to follow and will be used as a reference point."*  
V.B. Rockwell Collins

### Customise Your Course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

*"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."*  
S.R. Qinetiq

# Supporting Microsoft IIS

## Course Content

### Overview and Installing IIS

Web Server infrastructure, installing IIS. Hands on: Default install of IIS, verify and test.

### Configuring the default website

Default website, IIS Manager, default IIS file structure, configuring DNS records for a website, creating virtual directories and Applications. Hands on: Configuring the Default website for public access. Creating Virtual Directories and Applications.

### Application Pools

Application Pool Architecture, Application Pool recycling. Hands on: Creating and managing Application Pools.

### Creating additional websites

Multiple websites on a single server, website bindings. Hands on: Creating new websites.

### Website and Web application support

Configuring Common features, adding support for web applications. Hands on: Adding support for web applications.

### Securing Websites and applications

Access control, sites, applications, authentication and permissions. URL authorization rules. Hands on: Configuring Authentication and permissions.

### Securing Data Transmissions with SSL

Certificates and SSL, creating certificates for a web server, adding a certificate to a website. Hands on: Certificates and HTTPS.

### Using the Central Certificate Store

The Central Certificate Store. Hands on: Install and configure the Central Certificate Store

### Configuring Remote Administration

Installing and Configuring the Management Service. Connecting to remote web servers and websites. Delegating Management Access. Hands on: Remote administration.

### Implementing FTP

Implementing FTP, configuring an FTP site. Hands on: Install and configure a secured FTP site.

### Monitoring IIS

Monitoring IIS logs with Log Parser. Hands on: Analyze a set of IIS log files for possible issues using Log Parser. Analyze performance data for performance related problems using PerfMon.

### Backing up and Restoring IIS

The IIS environment. Hands on: Performing a backup and restore of a website.

### Building Load-Balanced Web Farms

Load-balancing mechanisms, building a Load-Balanced Web Farm using ARR, sharing content to a Web Farm using a network share, Sharing content to a Web Farm using DFS-R, Sharing IIS Configurations in a Web Farm. Hands on: Installing and configuring ARR, sharing content to a Web Farm using network share and DFS-R, sharing IIS Configurations in a Web Farm.

