

DIMENSIONS SYSTEM ADMINISTRATION

SPSS

■ Platform: Windows ■ Duration: 3 days

TARGET AUDIENCE

Staff responsible for administering, upgrading, maintaining or troubleshooting Dimensions server applications. Those about to implement a Dimensions server-based solution – this course is suitable for any person responsible for installing, maintaining or scoping a Dimensions server implementation

PREREQUISITES

Must have experience of Microsoft Windows XP and knowledge of Windows Server Architecture and installations. Also, SQL Server Administration, IIS Administration, SQL Server database creation, Windows Security, Windows performance monitoring techniques.

OVERVIEW

Dimensions server based applications (web and telephone interviewing and on-line survey analysis) require an administrator to manage users, projects and to instigate daily maintenance routines. The course has been designed to give a thorough understanding of system architecture and also practical routines for monitoring the health and operation of a Dimensions server implementation. The layout and setup of a typical installation will be covered demonstrating the location of services, folders, files and permissions throughout the system. There are a multitude of techniques which can be used to monitor performance and to troubleshoot problems: the instructor will lead the attendees through both theory and practical exercises highlighting tips and tricks for building an administration package on the attendee's own system.

An administrator has an additional role to play in the daily running of a Dimensions Server application – usage volume monitoring and fine tuning performance. The Administrator will get to find out how expand a Dimensions implementation to either gain fault-tolerance or increase capacity for additional users/respondents.

OBJECTIVES

By the end of the course you will have learnt to:

- Install Dimensions Server-based Applications
- Instigate a health and performance monitoring routine
- Use activity information within the Server installation to troubleshoot
- Flexibly administer users, databases and projects

COURSE CONTENT

Following an overview of the main features and an introduction to essential terminology, you will proceed logically through the following topics:

- Overview of the Dimensions Server-based Architecture
- Discuss pre-installation requirements and the installation process
- Understanding of the location of files and folders relating to a typical installation
- Explanation of file and folder management in relation to the project lifecycle
- Designing and implementing a continual maintenance plan
- Building a System Administration toolkit to monitor health and troubleshoot issues
- Growing the implementation by adding engines and servers
- Understanding Dimensions system security and how this relates to Microsoft/third party security measures
- Load balancing across servers
- Administering users, projects and databases