



Course Name: Work Management and Performance

Course Code: ISWRK

Duration: 2 Days

Cost: £ 950

Course Outline: This course is intended for IT staff responsible for configuring and managing the work management environment and for managing and monitoring system performance. The course covers creating subsystems and customising the system to manage workloads and optimise performance. How to monitor, what to monitor, collecting performance data, analysing the data using various tools, advanced options for tuning the system etc. Also look at the new performance tools in IBMs Navigator for i browser based GUI.

Prerequisites: Delegates should have attended the Operations (ISOPS) or System Facilities (ISSFC) course, or have the equivalent hands on experience. Note there is overlap with the Work Management topic in the System Management and Administration course.

Course Content:

- Introduction to Work Management
- Key questions to consider prior to setting up the work environment
- Detail the different types of job on the system
- Understand how jobs flow through the system
- Tailoring the work environment to meet the business needs
- Create and change subsystem descriptions
- Add, change and remove work entries to subsystem descriptions
- Detail the different types of system storage pools
- How to configure shared and private system storage pools
- Understand how routing entries work
- Add, change and remove routing entries to a subsystem description
- Create and manage job descriptions and job classes
- Describe other work management related objects
- Manage subsystems
- Transferring jobs to other subsystems and re-routing jobs
- Defining performance objectives and targets

Methods of approach for dealing with performance problems, general performance monitoring and when the system and applications change

Detail the available tools for managing performance

Detail the QPFRADJ system value and the different settings

Detail other performance related system values

How to set up initial system storage pool sizes and activity levels

How and what to monitor when measuring performance

Detail and monitor page fault rates and job transition rates

Manually tune the system to optimise performance

Changing storage pool sizes and activity levels

Real time performance monitoring using commands and GUIs

How automatic tuning works and how you can customise this

Advanced tuning options on the system

Tips on tuning for good performance

Collecting performance data using Collection Services

Manage Collection Services performance data

Monitor system resource usage on one or more servers in Navigator

Create and run job, message and file monitors in Navigator

Display and analyse performance data using different tools

Detail the different types of Performance Tools reports

How to generate performance reports

Analyse the statistics in a System report

Use the Performance Tools menu

Resource utilisation guidelines

Using Expert Cache

Introduction to Job Watcher and Disk Watcher

Introduction to new performance tools in IBM Navigator for i

Introduction to Performance Data Investigator and Health indicators

Detail IBMs resource utilisation guidelines

Follow on Courses: We recommend that after a suitable period of time of attending this course then delegates may want to enhance the knowledge they have gained on this course by attending the Advanced Operations course.

Schedule:

2022

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec