

OL95V5: ISERIES PERFORMANCE ANALYSIS AND CAPACITY PLANNING

--Duration: 3 days--

purpose

This classroom course describes how to use the AS/400 collection services to gather performance data. It also teaches how to use the IBM Performance Tools/400 for iSeries, displays, and graphics to analyze system performance, and the capacity planner to estimate resource utilization and manage system growth. This course is at the V5R1 level.

audience

People responsible for performance analysis and capacity planning on iSeries systems. Performance Tools for iSeries should be installed on at least one of your AS/400 systems.

prerequisites

Before taking this course a student should be able to:

- Use performance data from the WRKSYSSTS display to adjust pool sizes and activity levels in order to tune the system
- Recognize jobs with high resource utilization on the WRKACTJOB display
- Recognize major factors which could contribute to high faulting rates and resource conflicts
- List the major components of an iSeries job
- Distinguish between active, long wait, and ineligible job states
- Describe the effect of run priority and timeslice on job performance

This knowledge can be gained through successful completion of "Operating System/400 Structure, Tailoring, and Basic Tuning" (OL23/S6023).

objectives

After completing this course, you should be able to:

- Describe the relationship between resource utilization and response time
- Start and end the collection services and print Performance Tools for iSeries reports
- Use Performance Tools for iSeries reports, displays, and graphics to analyze system and job performance
- Use the iSeries capacity planner, BEST/1 to assess the impact of changes in workload on response time, throughput and configuration
- Use Performance Tools for iSeries to analyze the effects of implementing techniques to enhance performance

curriculum relationship

This course is part of the AS/400 curriculum. It is preceded by the "Operating System/400 Structure, Tailoring, and Basic Tuning" course.