Performance Analysis and Tuning for HPE NonStop Systems

Duration: 5 Days Course Code: U4195S

Overview:

Become familiar with the system load balance approach and performance tuning concepts for your HPE NonStop system. Learn how to capture and analyze performance data, then adapt the adjustments to maximize performance and increase system utilization. Topics include Measure, Measure entities, queuing theory, TPM, RPM, ViewSys, Web ViewPoint practical approaches to system tuning, and using performance tools. The course is 60 percent lecture and 40 percent hands-on labs using NonStop servers.

Target Audience:

• System managers, technical support,and performance analysis personnel
• Systems and application designersand developer

Objectives:

At the conclusion of this course, you should be able to:

• Apply the basic tuning principle for NonStop
• Analyze Measure's key entities and use Reload Analyzer
• Apply several basic queuing theory formulas
• Analyze disk cache-hit ratios and fragmentation
• Calculate a volume's true write cache-hit ratio
• Analyze process priorities and process memory consumption
• Identify processes with long $RECEIVE queues
• Evaluate TCP process and server class parameters for best performance
• Use Measure, SQLCI, and MXCI to analyze NonStop SQL/MP and NonStop SQL/MX performance
• Identify positive and negative factors in application performance

Prerequisites:

• Concepts and Facilities for HPE NonStop
• NonStop NB-series Server Administration I
• Equivalent system administration courses

Content:

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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