Performance Analysis and Tuning for HPE NonStop Systems (U4195S)

ID U4195S   **Prix** CHF 4 500,– (Hors Taxe)   **Durée** 5 jours

A qui s'adresse cette formation

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% lecture and 40% hands-on labs using NonStop servers.

Pré-requis

- Concepts and Facilities for HPE NonStop Systems (U4147S) and
- HPE NonStop NB-series Server Administration I (HG776S) and HPE NonStop NB-series Server Administration II (HG777S) or
- Equivalent system administration courses or experience

Objectifs

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

- Apply the basic tuning principle for HPE 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 HPE NonStop SQL/MP and HPE NonStop SQL/MX performance
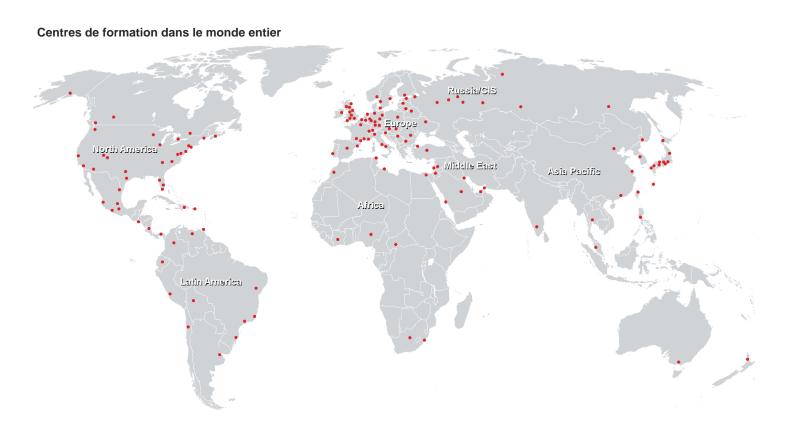- Identify positive and negative factors in application performance

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