Informix Dynamic Server 11 Performance Tuning

Dauer: 4 Tage  Kurscode: IX4010DE

Kursbeschreibung:
In this course, students will learn the fundamentals of tuning an Informix Dynamic Server instance for optimal performance. The course covers topics related to hardware issues and tuning for optimizing data loads, index builds, UPDATE STATISTICS processes, and OLTP and DSS queries. A multiprocessor UNIX machine with multiple disk drives will be provided so that students can perform benchmarking exercises to test the tuning skills they have learned.

Zielgruppe:
This is an advanced course for experienced Informix Dynamic Server system administrators and database administrators.

Kursziele:
- Describe the performance tuning process
- Use IDS and UNIX/Linux utilities to aid in performance tuning
- Optimize performance for data loads
- Apply techniques to optimize index design and index build performance
- Optimize collection of the data statistics used by the optimizer in generating the SQL query plan
- Tune a database for optimum performance of OnLine Transaction Processing (OLTP) workloads
- Plan and implement fragmentation strategies to best meet workload requirements
- Optimize parallel queries by tuning Parallel Data Query (PDQ) parameters

Voraussetzungen:
You should complete:
- IBM Informix Dynamic Server System Administration (IX811) or (L1846) and
- IBM Informix Dynamic Server Database Administration - Managing and Optimizing Data (IX221) or (FN848)
- or equivalent experience

Schulungsinhalt:
- Introduction to Performance Tuning
- Monitoring Utilities
- Optimizing Load Performance
- Index Performance Issues
- Optimizing UPDATE STATISTICS
- OLTP Performance Tuning
- Fragmentation Strategies
- Managing Query Resources
- Tuning Client Server Communication

Hinweis:
Course material will be in English.
Weitere Informationen:
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