



Oracle Database 12c: Performance Management and Tuning

Duration: 5 Days **Course Code: D79236**

Overview:

In the Oracle Database 12c: Performance Management and Tuning course, learn about the performance analysis and tuning tasks expected of a DBA: proactive management through built-in performance analysis features and tools, diagnosis and tuning of the Oracle Database instance components, and diagnosis and tuning of SQL-related performance issues. In this course, you will be introduced to Oracle Database Cloud Service.

The DBA will analyze the SQL performance with available tools. The DBA will be introduced to various methods of identifying the SQL statements that require tuning and the diagnostic tools used to find ways to improve performance. This will include the use of statistics, profiles to influence the optimizer, and using the SQL Advisors.

Target Audience:

Data Warehouse Administrator Database Administrators

Objectives:

- Use the Oracle Database tuning methodology appropriate to the available tools
 - Utilize database advisors to proactively tune an Oracle Database Instance
 - Use the tools based on the Automatic Workload Repository to tune the database
 - Diagnose and tune common SQL related performance problems
 - Diagnose and tune common Instance related performance problems
 - Use Enterprise Manager performance-related pages to monitor an Oracle Database
 - Gain an understanding of the Oracle Database Cloud Service
-

Prerequisites:

Oracle Database 12c: Administration Workshop Ed 2

Content:

- | | | |
|--|---|---|
| ■ Introduction | ■ Real-Time Database Operation Monitoring | ■ Using Database Replay |
| ■ Basic Tuning Diagnostics | ■ Monitoring Applications | ■ Tuning the Shared Pool |
| ■ Using Automatic Workload Repository | ■ Identifying Problem SQL Statements | ■ Tuning the Buffer Cache |
| ■ Defining the Scope of Performance Issues | ■ Influencing the Optimizer | ■ Tuning PGA and Temporary Space |
| ■ Using Metrics and Alerts | ■ Reducing the Cost of SQL Operations | ■ Automatic Memory |
| ■ Using Baselines | ■ Using SQL Performance Analyzer | ■ Performance Tuning Summary with Waits |
| ■ Using AWR-Based Tools | ■ SQL Performance Management | ■ Oracle Database Cloud Service: Overview |
-

Further Information:

For More information, or to book your course, please call us on 0800/84.009

info@globalknowledge.be

www.globalknowledge.be