

## Database Administration Oracle II

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### Course Summary

#### Objectives

At the end of this course, students will be able to:

- Describe memory management in the Oracle database.
- Regularly monitoring an Oracle database with the SAP database monitor.
- Analyzing and optimizing database performance.

#### Topics

- Introduction to Oracle cache management
- Monitoring of the Database Instance
- Application Design Analysis
- Index management and Optimization
- Cost-Based Optimizer
- Analysis of Physical and logical Layout
- Memory Configuration Analysis
- Wait Interface and Automatic Workload Repository

#### Audience

Those who can benefit from this Database Administration Oracle II course include:

- Database Administrator
- System Administrator
- Technology Consultant

#### Prerequisites

Essential:

- SAPTEC SAP NetWeaver Application Server – Fundamentals
- Database Administration Oracle I

Recommended:

- Workload Analysis AS ABAP

#### Duration

Two days

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### Course Outline

- I. Introduction to Oracle cache management*
- II. Monitoring of the Database Instance*
- III. Application Design Analysis*
- IV. Index management and Optimization*
- V. Cost-Based Optimizer*
- VI. Analysis of Physical and logical Layout*
- VII. Memory Configuration Analysis*
- VIII. Wait Interface and Automatic Workload Repository*