GALILEU

Oracle Database 19c: Performance Management and Tuning

Oracle

Live Training (também disponível em presencial)

- **Localidade:** Imprimir Curso
- **Data:** 13 Nov 2023
- **Preço:** 2940 € (Os valores apresentados não incluem IVA. Oferta de IVA a particulares e estudantes.)
- **Horário:** Laboral das 09h30 - 16h30
- **Nível:**
- **Duração:** 30h

Sobre o curso

Demonstrate fluency in and strong understanding of Oracle Database 19c performance analysis, management, and tuning for optimal performance in a complex environment.

The Oracle Database 19c: Performance Management and Tuning course teaches you about the performance analysis and tuning tasks expected of a database administrator. The instructions are reinforced with hands-on practices.

Destinatários

- This course intended for Database administrators and technical support staff

Objetivos

In this course, you will learn to:

- Describe Performance Management
- Use AWR Performance Statistics
- Use AWR Based Tools
- Improve SQL Statement Performance
- Influence the Optimizer

- Use Tuning Analyzers and Advisors

- Monitor Operations and applications

- Manage Memory

- Manage Database Memory

- Use In-Memory Column Store Feature

Pré-requisitos

- Working knowledge of using SQL and administering an Oracle database 19c.

- Basic knowledge of Linux / UNIX is recommended but not essential.

Programa

- Defining the Scope of Performance Issues

- Using the Time Model to Diagnose Performance Issues

- Using Statistics and Wait Events to Diagnose Performance Issues

- Using Log and Trace Files to Monitor Performance

- Using Enterprise Manager Cloud Control and SQL Developer to Monitor Performance

- Using Statspack to View Performance Data

- Using Automatic Workload Repository

- Using Metrics and Alerts

- Using Baselines

- Managing Automated Maintenance Tasks

- Using ADDM to Analyze Performance

- Using Active Session History Data for First Fault System Analysis

- Using Emergency Monitoring and Real-Time ADDM to Analyze Performance Issues

- Overview of SQL Statement Processing

- Maintaining Indexes

- Maintaining Tables

- Introduction to Query Optimizer

- Understanding Execution Plans

- Viewing Execution Plans by Using SQL Trace and TKPROF

- Managing Optimizer Statistics

- Using Automatic SQL Tuning

- Using the SQL Plan Management Feature

- Overview of the SQL Advisors

- Using the SQL Tuning Advisor

- Using the SQL Access Advisor