



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Skontaktuj się z nami

Email: szkolenia.ecs.pl@arrow.com
Phone: 12 616 43 00



Oracle Database 19c: Performance Management and Tuning

Kod:	Czas trwania:	Cena netto:
ORA_D79236	40 Hours (5 days)	zł8,075.00

Description

The Oracle Database 19c: Performance Management and Tuning OCP has demonstrated a strong understanding of performance analysis, management and tuning for optimal performance of an Oracle Database environment. They can apply a database tuning methodology by using the appropriate tools in order to monitor, diagnose and tune instance and SQL performance problems. This candidate possesses a profound knowledge of the Oracle Database architecture, great familiarity with day-to-day database administration, knowledge of which advisors can be used to inspect various aspects/areas of the Oracle Database environment, and a good working knowledge of SQL, its executions plans and generated statistics.

Cel szkolenia

- 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

Program szkolenia

- Overview
- 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
- Overview of Real Application Testing Components
- Using SQL Performance Analyzer to Determine the Impact of Changes
- Using Database Replay to Test System Performance
- Implementing Real-Time Database Operation Monitoring
- Using Services to Monitor Applications
- Overview of Memory Structures
- Managing Shared Pool Performance
- Managing Buffer Cache Performance
- Managing PGA and Temporary Space Performance
- Configuring the Large Pool
- Using Automatic Shared Memory Management
- Introduction to In-Memory Column Store
- Configuring the In-Memory Column Store Feature

- Using the In-Memory Column Store Feature to Improve SQL Performance
- Using In-Memory Column Store with Oracle Database Features

Terminy

Data	Lokalizacja	Strefa czasowa	Język	Typ szkolenia	Gwarancja	Cena netto
09 Dec 2024	Virtual Classroom	CET	Polish	Instructor Led Online		zł8,075.00

Dodatkowe informacje

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