

Oracle RAC/ Internal Performance Diagnostics

Mark InfoTech, RAC Administration, Performance Diagnostics, SQL Tuning, Data Guard course was designed to enhance the skill set in advanced database administration and build confidence to managed large databases, trouble shoot database issues much quicker and maintain high availability of mission critical systems by 24x7. Following training will be provided to our employees only.

Real Application Clusters

[Part 1: Architecture and Concepts](#)

[Part 2: Installation and Configuration](#)

[Part 3: RAC Installation and Configuration](#)

[Part 4: RAC Database Instances Administration](#)

[Part 5: Administering Storage in RAC](#)

[Part 6: Administering Storage in RAC](#)

[Part 7: Services](#)

[Part 8: High Availability of Connections](#)

[Part 9: Managing Backup and Recovery in RAC](#)

[Part 10: RAC Performance Tuning](#)

[Part 11: Design for High Availability](#)

Performance Diagnostics

[Part 1: Overview and Architecture\(180 pages\)](#)

Lesson 1a : Locks, Latches & Pins.

Lesson 1b : Buffer Cache Diagnostics

Lesson 1c : Library Cache Diagnostics

Lesson 1d : Cursor Processing

[Part 2: Tuning Roadmap, OS / Instance Tuning Diagnostics\(Pages 204\)](#)

Lesson 2a : Performance Tuning Roadmap

Lesson 2b : OS Performance Diagnostics and Analysis

Lesson 2c-1 : Database Diagnostics: Collection and Analysis

Lesson 2c-2 : Database Diagnostics: 10g Manageability

Lesson 2d : SQL Diagnostics: Collection and Analysis

[Part 3: CBO and SQL Tuning Diagnostics \(325 Pages\)](#)

Lesson 3a : SQL Tuning: Objectives and the Oracle Diagnostic Method (ODM)

Lesson 3b : CBO Concepts

Lesson 3b1 : Execution Plans: Collection and Analysis

Lesson 3c : Analyzing 10053 Traces

Lesson 3d : SQL Tuning Case Study #1

Lesson 3e : Optimizer Statistics

Lesson 3f : Hints

Lesson 3g : Plan Stability

Lesson 3h : Automated SQL Tuning in 10g

[Part 4: Parallel Execution Diagnostics \(34 Pages\)](#)

Lesson 4a : Parallel Execution (PX) Diagnostics

Part 5: Hang / Spin Diagnostics and Analysis (124 Pages)

- Lesson 5a : RDBMS Hang and Spin Analysis Introduction**
- Lesson 5b : Diagnostic Files, OS Data, and Queries**
- Lesson 5c : Diagnostic Dumps and Utilities**
- Lesson 5d : Diagnostic Methodology and Scenarios**