

# Oracle Rac Performance Tuning Oracle In Focus Volume 50

Oracle Performance Tuning: A Deep Dive into DB Time, Wait Events, and Statistics - Oracle Performance Tuning: A Deep Dive into DB Time, Wait Events, and Statistics 7 minutes, 11 seconds - In this session from **Oracle**, DBA Online Training, we explore the foundational elements of Automatic **Performance**, Statistics to help ...

Database Time-Based Performance Tuning: From Theory to Practice - Database Time-Based Performance Tuning: From Theory to Practice 56 minutes - In this 2014 OpenWorld session, Graham Wood covers how you can identify bottlenecks and maximize database **performance**, ...

Introduction

# **Oracle Rac Performance Tuning Oracle In Focus Volume 50**

Agenda

Why Care About Time

Database Time

Database Time Example

Database Time Screenshot

Drawing Multiple Sessions

Visualizing TimeBased Performance

Enterprise Manager TimeBased Performance

Average Active Sessions

What Happens With Database Time

CPU Bound Host

CPU Bound Performance

Database Time Views

Database Time Math Example

Where to Use Database Time

How to Use Database Time

Database Time Distribution

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

Top Activity Screen

Reducing Database Time

Database Time Method Advantages

Database Time Tools

DDM Findings

Azure Analytics

AW Warehouse

Sequel Monitor

Conclusion

Oracle Real Application Clusters  
Administration and Performance Tuning -  
Oracle Real Application Clusters  
Administration and Performance Tuning 1  
hour, 2 minutes - First in the masterclass  
series is an in depth overview of **Oracle  
RAC**, scalability and availability features.

Oracle Database Performance Tuning for  
Admins and Architects - Oracle Database  
Performance Tuning for Admins and  
Architects 48 minutes - Product manager  
Randal Sagrillo asks you to be a hero as an  
administrator or architect in the practice of

# Oracle Rac Performance Tuning Oracle In Focus Volume 50

## **performance tuning,!**

Intro

The Life of a Systems Architect Isn't Easy  
And Not Mu Better foDEAS

Enterprise Application Issues

It is All About I/O: Logical I/O

Typical Storage Bottlenecks

Performance Methodology

Tools to identify Database Performance  
Issues

AWR \u0026 Statspack: First Things

AWR \u0026 Statspack: Most Important  
Things

Database I/O Bottlenecks: Wait Events

Very High Commit Rate OLTP Workload

Revised Snap at 1 10/txn

Online Payment Processing 'db file  
sequential read the Poster Child

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

11gR2 Database Smart Flash Cache

Example #2 After Optimizing with Flash Cache

Bank Processing

db file sequential read' Summary

Batch Processing

'log file sync/log file parallel write' Summary  
Managing Commit Time to Applications  
Batch and OLTP

Learn More About Oracle Optimized  
Solutions Enable the Reame Enterprise

Oracle Performance Tuning: Stop  
Misinterpreting These 8 Common Wait  
Events - Oracle Performance Tuning: Stop  
Misinterpreting These 8 Common Wait  
Events 6 minutes, 49 seconds - In **Oracle  
performance tuning**, misreading wait  
events is often worse than ignoring them, as  
it leads to incorrect fixes, unnecessary ...

The five-step guide to SQL tuning |  
CloudWorld 2022 - The five-step guide to  
SQL tuning | CloudWorld 2022 25 minutes -  
Find out more:

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

<https://social.ora.cl/60005XvQK> It's the age-old problem, and one of the most common questions posted on AskTom ...

Master Oracle Wait Events: The Key to Advanced Performance Tuning - Master Oracle Wait Events: The Key to Advanced Performance Tuning 8 minutes, 35 seconds - If you don't understand wait events, you don't truly understand **Oracle performance**,. While many **focus**, on CPU, wait events reveal ...

Increasing your Oracle RAC Performance - Increasing your Oracle RAC Performance 51 minutes - CMA engaged with Excelero to to run an **Oracle**, Real Application Cluster benchmark on the CMA Microterabyte architecture and ...

Introduction

What is the Micro Terabyte

Challenges

Design Goals

Value Propositions

Where do we come from

# **Oracle Rac Performance Tuning Oracle In Focus Volume 50**

Benchmarks

What is Azure Mesh

How does Azure Mesh work

Azure Mesh components

Review

Uniqueness

Microterabyte

Questions

Microterabyte Support

Live Support

NVME Encryption

Two Solutions

VMware

Conclusion

Oracle database wait events - Oracle  
Database Performance Tuning tutorial -  
Oracle database wait events - Oracle  
Database Performance Tuning tutorial 1

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

hour, 18 minutes - In this tutorial learn about various **oracle**, database wait events i.e. db file sequential read, db file scattered read, logfile sync, buffer ...

Introduction

Example

What is snapshot

Creating demo table

Creating AWR report

Weight events

What is a weight event

Introduction to common variants

Buffer visibility event

Buffer busy weight event

Buffer busy weight event parameters

Control file parallel weight event

Control file panel weight event

Reason codes

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

DB File Panel

Database Writer

DB File Scatter Rate

DB File Sequential Read

Direct Path Read

Enqueue

Process Rate

Types of wait events

SQL statement

Wait time

Latch

Need for Speed? My Top Five Oracle  
Performance Tuning Tips by Janis Griffin -  
Need for Speed? My Top Five Oracle  
Performance Tuning Tips by Janis Griffin 49  
minutes - Performance tuning, can be  
complex. It's often hard to know which knob  
to turn or button to press to get the biggest  
**performance**, ...

Intro

## **Oracle Rac Performance Tuning Oracle In Focus Volume 50**

Agenda . Challenges of Tuning - Monitor  
Wait Time

Challenges of Tuning SQL Tuning is Hard -  
Who should tune - DBA or Developer - Which  
SQL to tune • Requires Expertise in Many  
Areas - Technical - Plan, Data Access, SQL  
Design - Business - What is the Purpose of  
SQL? • Tuning Takes Time - Large Number of  
SQL Statements - Each Statement is  
Different • Low Priority in Some Companies -  
Vendor Applications - Focus on Hardware or  
System Issues

Tuning query Performance

Monitor Wait Time SQL

Base Query - Not Rocket Science

Wait Time Analysis . Focus on SQL  
statements spending the most time in the  
database

Other Benefits: Query Suddenly runs slower

Review the Execution Plan • EXPLAIN PLAN -  
Estimated plan can be wrong for many  
reasons

How an Execution Plan is Created

## **Oracle Rac Performance Tuning Oracle In Focus Volume 50**

Execution Plan Steps Show the sequence of operations performed to run SQL Statement  
- Order of the tables referenced in the statements - Access method for each table in the statement

Examine the Execution Plan . Find Expensive Operators - Examine cost, row counts and time of each step - Look for full table or index scans • Review the Predicate Information - know how bind variables are being interpreted

Know Which Optimizer Features You are using Show parameter optimizer

Execution Plan using Optimizer Feature: SPM (baselines) . Select \* from dba\_sql\_plan\_baselines

Gather Object Information • Understand objects in execution plans - Table Definitions  
Segment sizes

Review Indexes Segment Constraints • Get Index definitions - Know the order of columns and their selectivity • Review existing keys and constraints - Know Multi-Table Relationships (ERD) Primary key and foreign definitions - Check and not null constraints . Make sure the optimizer can

## **Oracle Rac Performance Tuning Oracle In Focus Volume 50**

use the index - Functions on indexed columns can turn off index

Understand Statistics gathering GATHER\_ ' STATS procedures have many parameters - Should only set 2-4 parameters (per Tom Kyte)

Optimizer now tries to fix Statistics Mistakes

- Dynamic Statistics - Missing. Insufficient, Stale Statistics or Parallel Execution - New level 11 in 12

Find the Driving table • Need to know the size of the actual data sets for each step in execution plan - In Joins (Right, Left Outer) - What are the filtering predicates - When is each filtering predicate applied

Relationship Diagram

Tuning Advisor • Recommends - 2 new indexes

Tuning Advisor Suggested Index

Performance Improved?

Engineer out the Stupid . Look for Performance Inhibitors

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

When you need to use hints If you can hint it, baseline it (per Tom Kyte) - Alternative to using hints

Case Study 2 - Orders by Customer Last Name

Summary • There are a lot of challenges in Query Tuning • If you remember the Top 5 Tips, they should take you a long way - 1. Monitor Wait time

Oracle RAC Performance Internals - Oracle RAC Performance Internals 1 hour, 41 minutes - Another masterclass on internal **Performance**, optimizations and **tuning**, recommendations based on wait events.

oracle performance tuning 50 - oracle performance tuning 50 1 minute, 5 seconds - oracle performance tuning,.

0105 Approaches to Performance Tuning - 0105 Approaches to Performance Tuning 4 minutes, 3 seconds - How does **oracle**, recommend that we perform **performance tuning**, on our **Oracle**, databases well they Define **Performance Tuning**, ...

"Oracle SQL Tuning Made Simple" - "Oracle SQL Performance Tuning Guide" - "Oracle SQL

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

Tuning Made Simple □ Performance Tuning Guide\" 9 minutes, 24 seconds - In this video, Ankush Sir explains how to use SQL **Tuning**, Advisor in **Oracle**, to improve query **performance**, and optimize execution ...

Search filters

Keyboard shortcuts

Playback

General

Subtitles and closed captions

Spherical Videos

<https://deliveryapi.halifax.dk/~u/smash/file?DOC=evinrude+25+hk+2015+mod+manual.pdf>  
<https://deliveryapi.halifax.dk/~a/shave/slug?RTF=haynes+triumph+manual.pdf>  
<https://deliveryapi.halifax.dk/^g/belong/file?KINDLE=placement+test+for+singapore+primary+mathematics+3a+u+s.pdf>  
<https://deliveryapi.halifax.dk/-q/call/data?EBLOOK=1999+vw+golf+owners+manual.pdf>

## Oracle Rac Performance Tuning Oracle In Focus Volume 50

<https://deliveryapi.halifax.dk/^u/box/file?ITUNE=models+for+quantifying+risk+actex+solution+manual.pdf>  
<https://deliveryapi.halifax.dk/!n/jam/search?PAGE=miller+nitro+4275+manuals.pdf>  
[https://deliveryapi.halifax.dk/\\_c/stitch/key?PDF=korn+ferry+assessment+of+leadership+potential.pdf](https://deliveryapi.halifax.dk/_c/stitch/key?PDF=korn+ferry+assessment+of+leadership+potential.pdf)  
[https://deliveryapi.halifax.dk/\\$m/undress/exe?ITUNE=aquaponic+system+design+parameters.pdf](https://deliveryapi.halifax.dk/$m/undress/exe?ITUNE=aquaponic+system+design+parameters.pdf)  
<https://deliveryapi.halifax.dk/@f/clip/list?KINDLE=emergencies+in+urology.pdf>  
<https://deliveryapi.halifax.dk/^i/harm/url?DOC=ford+supplier+quality+manual.pdf>