



# Oracle 10g RAC Grid, Services and Clustering

By Murali Vallath

[Download now](#)

[Read Online](#) 

## Oracle 10g RAC Grid, Services and Clustering By Murali Vallath

Grid architecture is Oracle's strategy for high-end computing and RAC is the stepping stone into this arena. This book focuses on current technology including all valid RAC features up through Oracle Database 10g Release 2, with a primary focus on deploying it in a high-end grid environment. The book discusses this technology at length which users will find beneficial when researching, implementing or monitoring a RAC environment. The author covers workshop implementation of services and the distribution of workload across instances, with threshold definitions and the new load balancing algorithms. In addition it includes detailed discussions on ASM that complements the implementation of RAC in Oracle Grid strategy. The book also includes discussions on new Oracle Clusterware, its components and its integration with RAC.

Oracle 10g RAC focuses on RAC-specific topics including ASM, operating system configuration, installation and configuration of RAC and much more. Coverage includes network configuration for high availability, FAN, TAF, ONS, implementation of maximum availability architecture (MAA), EM Grid Control, AWR, ADDM and other performance-related tools. The author includes several scripts for performance tuning and implementation that the reader can use to configure a RAC environment either on a 2, 4, 8, 60 or 99 node configuration.

- Focuses on implementing, testing and tuning features of Real Application Clusters (RAC) database version 10g Release 2
- Provides extensive coverage of usage, day-to-day functions and operations
- Includes tips and techniques such as script samples to illustrate various features of RAC
- A jumpstart into all the key features of 10g R2 RAC

 [Download Oracle 10g RAC Grid, Services and Clustering ...pdf](#)

 [Read Online Oracle 10g RAC Grid, Services and Clustering ...pdf](#)



# Oracle 10g RAC Grid, Services and Clustering

By Murali Vallath

## Oracle 10g RAC Grid, Services and Clustering By Murali Vallath

Grid architecture is Oracle's strategy for high-end computing and RAC is the stepping stone into this arena. This book focuses on current technology including all valid RAC features up through Oracle Database 10g Release 2, with a primary focus on deploying it in a high-end grid environment. The book discusses this technology at length which users will find beneficial when researching, implementing or monitoring a RAC environment. The author covers workshop implementation of services and the distribution of workload across instances, with threshold definitions and the new load balancing algorithms. In addition it includes detailed discussions on ASM that complements the implementation of RAC in Oracle Grid strategy. The book also includes discussions on new Oracle Clusterware, its components and its integration with RAC.

Oracle 10g RAC focuses on RAC-specific topics including ASM, operating system configuration, installation and configuration of RAC and much more. Coverage includes network configuration for high availability, FAN, TAF, ONS, implementation of maximum availability architecture (MAA), EM Grid Control, AWR, ADDM and other performance-related tools. The author includes several scripts for performance tuning and implementation that the reader can use to configure a RAC environment either on a 2, 4, 8, 60 or 99 node configuration.

- Focuses on implementing, testing and tuning features of Real Application Clusters (RAC) database version 10g Release 2
- Provides extensive coverage of usage, day-to-day functions and operations
- Includes tips and techniques such as script samples to illustrate various features of RAC
- A jumpstart into all the key features of 10g R2 RAC

## Oracle 10g RAC Grid, Services and Clustering By Murali Vallath Bibliography

- Sales Rank: #3194463 in Books
- Brand: Brand: Digital Press
- Published on: 2006-06-08
- Original language: English
- Number of items: 1
- Dimensions: 9.40" h x 1.59" w x 7.40" l, 3.18 pounds
- Binding: Paperback
- 704 pages

 [Download Oracle 10g RAC Grid, Services and Clustering ...pdf](#)

 [Read Online Oracle 10g RAC Grid, Services and Clustering ...pdf](#)



## **Editorial Review**

From the Back Cover

Oracle 10g RAC

Grid, Services & Clustering

Murali Vallath

“Oracle RAC and grid technology is transforming the economics of high-end database computing and is a technology that all Oracle professionals should become familiar with. Murali is one of the world’s foremost independent experts on Oracle RAC technology and his book contains everything you need to become proficient in both the theory and practice of Real Application Clusters. If you are planning a RAC implementation, looking to optimize an existing RAC implementation or simply want to become more familiar with this important technology, you should read this book.”

Guy Garrison: Chief Architect – Database Solutions, Quest Software

“Oracle 10g RAC Grid, Services & Clustering provides a deep knowledge base for Oracle 10g RAC and helps readers understand the benefits of scale-out capabilities using industry-standard components. The chapters on the latest Oracle 10g R2 features such as ASM, Automatic Workload Management and RAC Services help readers gain a deeper understanding of Oracle’s Database Grid. The book is a useful source of information for Database Administrators and System Consultants who want to know the capabilities and internal workings of Oracle 10g RAC and its implementation in the enterprise datacenter. As a leading expert on Oracle 10g and RAC, Murali Vallath does an excellent job of addressing Oracle 10g RAC implementation needs ranging from setup, migration to performance optimization. If you want an Oracle expert in house, this book does the job.”

Ibrahim Fashho: Senior Manager - Zafar Mahmood: Senior Consultant - Anthony Fernandez: Senior Analyst, Dell Database and Application Solutions Group

Grid architecture is Oracle’s strategy for high-end computing and RAC is the stepping stone into this arena. This book focuses on current technology including all valid RAC features up through Oracle Database 10g Release 2, with a primary focus on deploying it in a high-end grid environment. The book discusses this technology at length which users will find beneficial when researching, implementing or monitoring a RAC environment. The author covers workshop implementation of services and the distribution of workload across instances, with threshold definitions and the new load balancing algorithms. In addition it includes detailed discussions on ASM that complements the implementation of RAC in Oracle Grid strategy. The book also includes discussions on new Oracle Clusterware, its components and its integration with RAC.

Oracle 10g RAC focuses on RAC-specific topics including ASM, operating system configuration, installation and configuration of RAC and much more. Coverage includes network configuration for high availability, FAN, TAF, ONS, implementation of maximum availability architecture (MAA), EM Grid Control, AWR, ADDM and other performance-related tools. The author includes several scripts for performance tuning and implementation that the reader can use to configure a RAC environment either on a 2, 4, 8, 60 or 99 node configuration.

Features coverage of:

- Implementing, testing and tuning features of Real Application Clusters (RAC) Database 10g Release 2

- Usage, day-to-day functions and operations, as well as tips and techniques such as script samples to illustrate various features of RAC
- Implementing a distributed workload environment
- Storage configuration using Automatic Storage Management (ASM)
- High availability features, FAN, ONS, TAF, FCF and the new runtime connection load balancing
- Monitoring the RAC environment using Oracle's Automatic Workload Repository(AWR) and Automatic Database Diagnostic Monitor (ADDM)
- Discussions with examples of services-based deployment of RAC and on integration and monitoring of RAC
- Covers the internals of Oracle Clusterware and RAC
- Scripts used in this book can be downloaded from the author's website at [www.summersky.biz](http://www.summersky.biz)

Murali Vallath has over 18 years of Information Technology experience, of which he has spent 13 years or more on Oracle-related products and technology. Vallath's experience with the clustering technology dates back to his early days at Digital Equipment Corporation, the pioneers in this arena and has been kept up-to date since then. He currently specializes in RAC. He has successfully completed over 75 small, medium, and terabyte-sized RAC implementations (Oracle 9i & Oracle 10g) for reputed corporate firms. He is a regular speaker at various national and international conferences on RAC and performance-tuning topics. Vallath is the president of the RAC-SIG, the Charlotte Oracle Users Group and a contributing editor to IOUG Select Journal. Vallath can be reached at [murali.vallath@summersky.biz](mailto:murali.vallath@summersky.biz) international conferences on Oracle parallel server/Oracle real application cluster and performance tuning topics. Vallath can be reached at [murali.vallath@summersky.biz](mailto:murali.vallath@summersky.biz) or [muralivallath@hotmail.com](mailto:muralivallath@hotmail.com).

#### About the Author

#### About the Author

Murali Vallath has over 18 years of information technology experience and over 13 years using Oracle products. His work spans industries such as broadcasting, manufacturing and telephony and most recently transportation logistics. Vallath is no stranger to the software development life cycle; his solid understanding of IT covers requirement analysis, architecture, modeling, database design, application development, performance tuning and implementation.

Vallath is an Oracle Certified Database Administrator and has worked on a variety of database platforms for small to very large implementations, designing extensive databases for high volume, machine critical, real time OLTP systems. His expertise is with Oracle Real Application Clusters. Vallath has successfully completed over 60 successful small, medium and terabyte sized RAC implementations (Oracle 9i & Oracle 10g) for reputed corporate firms.

Vallath is the president of the RAC SIG ([www.oracleracsig.org](http://www.oracleracsig.org)) and the Charlotte Oracle Users Group ([www.cltoug.org](http://www.cltoug.org)).

Vallath is a regular speaker at national and international conferences, including the Oracle Open World, IOUG, UKOUG on RAC and Oracle Performance Tuning related topics.

Vallath currently provides Oracle consulting services through Summersky Enterprises LLC ([www.summersky.biz](http://www.summersky.biz)). The firm specializes in implementation and performance tuning of Oracle products, including RAC, Data Guard and Oracle Streams. Prior to this he worked as Senior Database Architect at

Elogex Inc. Where apart from the regular performance tuning efforts, he led the Performance Management SWAT team. His previous work and consulting experience includes Hinditron Computers in India, Digital Equipment Corporation, GTE Mobile, Navistar International and DST Interactive (formerly DBS Systems).

Vallath can be reached at [murali.vallath@summersky.biz](mailto:murali.vallath@summersky.biz)

## **Users Review**

### **From reader reviews:**

#### **Brian Wallace:**

Reading a guide can be one of a lot of activity that everyone in the world really likes. Do you like reading book therefore. There are a lot of reasons why people enjoy it. First reading a book will give you a lot of new data. When you read a reserve you will get new information mainly because book is one of many ways to share the information or perhaps their idea. Second, reading through a book will make anyone more imaginative. When you studying a book especially fiction book the author will bring one to imagine the story how the figures do it anything. Third, you could share your knowledge to some others. When you read this Oracle 10g RAC Grid, Services and Clustering, you may tells your family, friends and soon about yours publication. Your knowledge can inspire the others, make them reading a reserve.

#### **Bruce Healy:**

Spent a free time and energy to be fun activity to complete! A lot of people spent their leisure time with their family, or their very own friends. Usually they doing activity like watching television, gonna beach, or picnic inside the park. They actually doing same thing every week. Do you feel it? Will you something different to fill your current free time/ holiday? Could possibly be reading a book can be option to fill your no cost time/ holiday. The first thing you will ask may be what kinds of guide that you should read. If you want to test look for book, may be the publication untitled Oracle 10g RAC Grid, Services and Clustering can be fine book to read. May be it is usually best activity to you.

#### **Karen Ofarrell:**

Playing with family within a park, coming to see the ocean world or hanging out with good friends is thing that usually you might have done when you have spare time, then why you don't try matter that really opposite from that. One activity that make you not sensation tired but still relaxing, trilling like on roller coaster you have been ride on and with addition details. Even you love Oracle 10g RAC Grid, Services and Clustering, you can enjoy both. It is great combination right, you still wish to miss it? What kind of hangout type is it? Oh can happen its mind hangout men. What? Still don't buy it, oh come on its identified as reading friends.

#### **Betty Bass:**

That e-book can make you to feel relax. This specific book Oracle 10g RAC Grid, Services and Clustering was vibrant and of course has pictures around. As we know that book Oracle 10g RAC Grid, Services and

Clustering has many kinds or type. Start from kids until adolescents. For example Naruto or Detective Conan you can read and believe that you are the character on there. Therefore , not at all of book tend to be make you bored, any it offers up you feel happy, fun and relax. Try to choose the best book for yourself and try to like reading that.

## **Download and Read Online Oracle 10g RAC Grid, Services and Clustering By Murali Vallath #UIEBZCA2OFW**

# **Read Oracle 10g RAC Grid, Services and Clustering By Murali Vallath for online ebook**

Oracle 10g RAC Grid, Services and Clustering By Murali Vallath Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Oracle 10g RAC Grid, Services and Clustering By Murali Vallath books to read online.

## **Online Oracle 10g RAC Grid, Services and Clustering By Murali Vallath ebook PDF download**

**Oracle 10g RAC Grid, Services and Clustering By Murali Vallath Doc**

**Oracle 10g RAC Grid, Services and Clustering By Murali Vallath MobiPocket**

**Oracle 10g RAC Grid, Services and Clustering By Murali Vallath EPub**

**UIEBZCA2OFW: Oracle 10g RAC Grid, Services and Clustering By Murali Vallath**