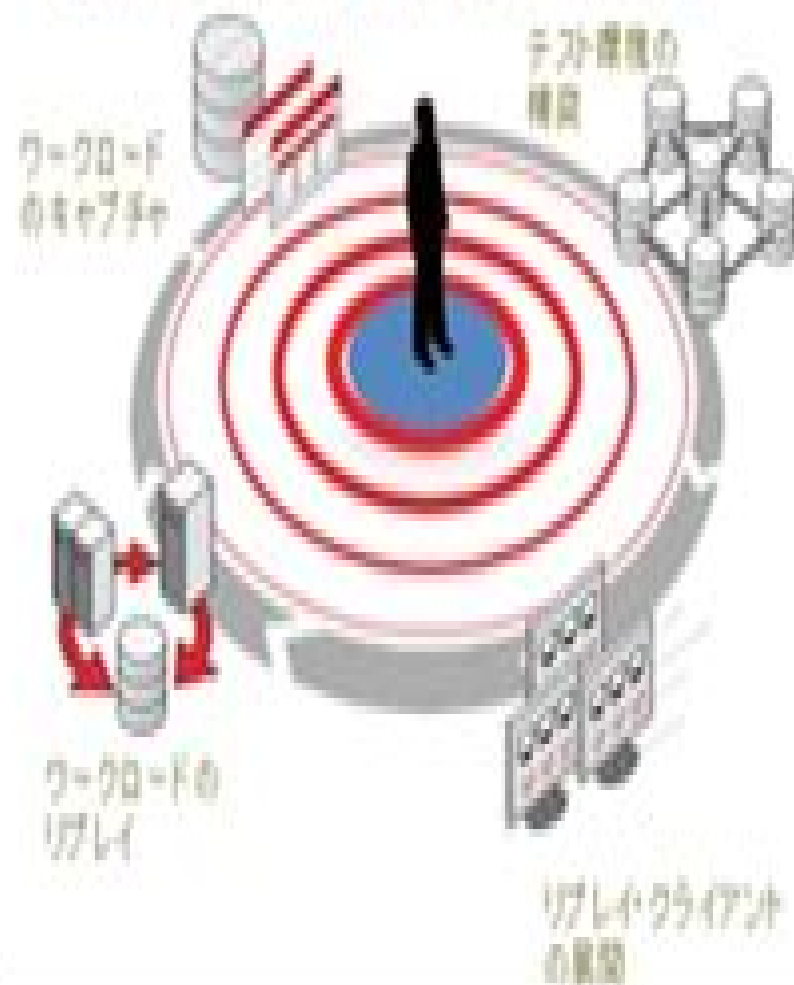


～ Real Application Testing(RAT) ～

End-to-end testing with real workloads



・ SQL Performance Analyzer (SPA):

SQLのレスポンス・タイムについてのテスト

- ・ SQL単体テスト向き
- ・ 本番環境で実行された問合せと、その実行計画を記録
- ・ テスト環境で問合せを再実行し、パフォーマンスと実行計画の比較レポートを作成

・ Database Replay:

本番環境と同じ負荷を利用したテストの実現

- ・ システム・テスト向き
- ・ 本番環境で実行されたトランザクションを時系列に記録
- ・ テスト環境で本番環境の負荷を忠実に再現
- ・ 本番環境とテスト環境で自動的に取得された統計情報を元にパフォーマンス比較レポートを作成

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**Doug Gault, Dimitri Gielis, Martin
DSouza, Roel Hartman, Raj
Mattamal, Sharon Kennedy, Denes
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Cannell, David Peake, Christoph
Ruepprich, Tom Petrus**

Oracle Real Application Testing Documentation:

Beginning Oracle Database 11g Administration Ignatius Fernandez, 2009-03-25 This book written by veteran Oracle database administrator Iggy Fernandez a regular on the Oracle conference circuit and the editor of NoCOUG Journal is a manageable introduction to key Oracle database administration topics including planning installation monitoring troubleshooting maintenance and backups to name just a few As is clear from the table of contents this book is not simply a recitation of Oracle Database features such as what you find in the reference guides available for free download on the Oracle web site For example the chapter on database monitoring explains how to monitor database availability database changes database security database backups database growth database workload database performance and database capacity The chapters of this book are logically organized into four parts that closely track the way your database administration career will naturally evolve Part 1 gives you necessary background in relational database theory and Oracle Database concepts Part 2 teaches you how to implement an Oracle database correctly Part 3 exposes you to the daily routine of a database administrator and Part 4 introduces you to the fine art of performance tuning Each chapter has exercises designed to help you apply the lessons of the chapter Each chapter also includes a list of reference works that contain more information on the topic of the chapter In this book you ll find information that you won t find in other books on Oracle Database Here you ll discover not only technical information but also guidance on work practices that are as vital to your success as technical skills The author s favorite chapter is The Big Picture and the Ten Deliverables If you take the lessons in that chapter to heart you can quickly become a much better Oracle database administrator than you ever thought possible

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Oracle Exadata Expert's Handbook Tariq Farooq, Charles Kim, Nitin Vengurlekar, Sridhar Avantsa, Guy Harrison, Syed Jaffar Hussain, 2015-06-12 The Practical Authoritative 360 Degree Technical Guide to Oracle Exadata From Setup to Administration Optimization Tuning and Troubleshooting The blazingly fast Oracle Exadata Database Machine is being embraced by thousands of large scale users worldwide by governments the military enterprise organizations cloud service providers and anyone who needs extreme performance Now Oracle Exadata Expert s Handbook provides authoritative guidance to running Oracle Exadata with maximum reliability effectiveness performance and efficiency Six renowned Oracle technology experts have brought together core technical information experience best practices and insider tips in a concise reference Covering both 11g and 12c versions of Oracle Exadata software they deliver hands on coverage of best practices setup migration monitoring administration performance tuning and troubleshooting Whether you re an Oracle Exadata DBA DMA architect or manager you need these insights Get a 360 degree overview of the Oracle Exadata Database Machine Efficiently deploy RAC within the Oracle Exadata ecosystem Fully leverage Storage Cell s extraordinary performance via Offloading Smart Scans and Hybrid Columnar Compression Manage Exadata with OEM 12c perform setup configuration asset target discovery and day to day administration Tune Oracle Exadata for even better performance Perform Exadata Backup Recovery DR with RMAN and Data Guard Migrate to Oracle Exadata from other platforms Use Oracle Exadata with the ZFS Storage Appliance Consolidate within the Exadata Database Cloud

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