

Teleran Migration/Consolidation Accelerator™ Software Solution for Oracle Exadata

Automated Application Assessment, Modeling and Workload Testing Software Reduces the Cost, Risk and Time of Migration and Consolidation Projects

Once your organization has made the decision to purchase the Oracle Exadata Database Machine, you now have the task of moving and consolidating applications and data to this new platform. Migration and consolidation projects are resource intensive and include many manual steps that can increase the cost, effort and time to complete them. Risks to this process include not fully understanding application usage patterns and workloads of the source systems targeted for migration and consolidation, underestimating the complexity of consolidating mixed workloads, and identifying and correcting application and database issues that impede Oracle Exadata performance. Organizations need to look for ways to automate key steps in migration and consolidation projects to reduce manpower costs, decrease the time to value, and minimize various project risks.

Ensuring Oracle Exadata Consolidation Success

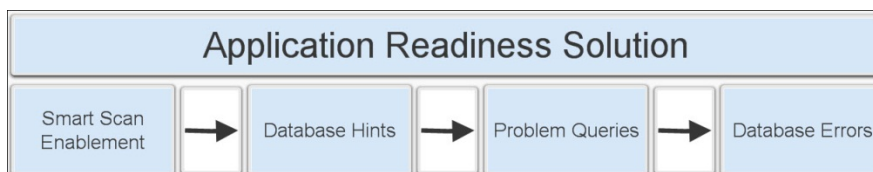
Teleran's Consolidation Accelerator software solution automates key steps in the planning and testing phases of consolidation and migration projects. It models and assesses application and database usage of your source systems and automatically develops application remediation plans, consolidated workload models and benchmark tests that save companies man months of effort while reducing overall project risk and the time to deliver Oracle Exadata value to the business.

Benefits

- Identifies performance inhibitors that reduce Oracle Exadata performance and cost advantages
- Creates *consolidated* workload models to speed up applications testing and tuning in your consolidated environment
- Reduces costs by automating key consolidation project steps
- Minimizes risks by accurately sizing application and database performance remediation
- Reduces ongoing Oracle Exadata application support and operating costs

Maximizing Oracle Exadata Performance Promise with Application Readiness Assessment

Oracle Exadata can deliver huge performance gains that generate significant business benefits. However, many applications you are targeting to move and consolidate to Oracle Exadata are not Oracle Exadata-ready. They contain the artifacts of prior application optimization techniques that actually inhibit Oracle Exadata performance. These include database indexes, hints, poorly formed database queries and database errors that prevent Oracle Exadata features such as Smart Scan from generating performance gains you expect.



Teleran's Application Readiness identifies adjustments needed for maximum Oracle Exadata performance.

Teleran's Consolidation Accelerator includes the Application Readiness Assessment module that delivers a clear and detailed view of where your applications need adjusting to take advantage of Oracle Exadata fast performance. Teleran's solution quantifies and helps prioritize the application remediation work required to enable optimal performance. It does this by monitoring the activity of application's targeted to migrate to Oracle Exadata.

Armed with each application's profile of activity, the Application Readiness Assessment automatically analyzes and presents those application adjustments that will generate the most performance gains. From there you can decide what steps you should take immediately as you migrate and consolidate applications to Oracle Exadata and which adjustments you can make later to capture incremental performance gains over time. By optimizing your applications for Oracle Exadata you will also minimize your ongoing application and user support costs over time.

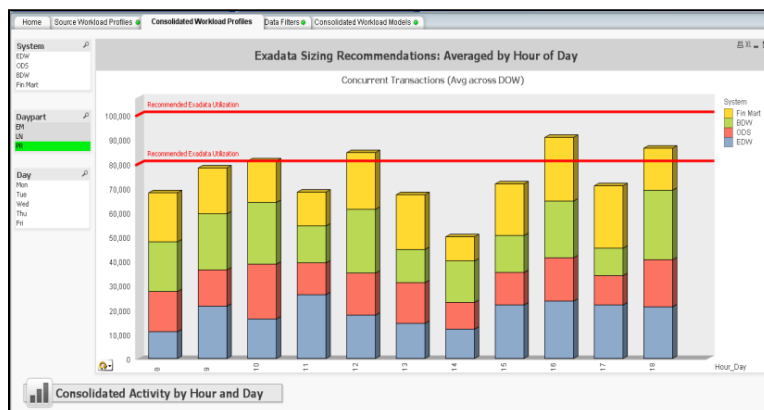


Teleran's Application Readiness module guides and prioritizes specific application adjustments to ensure Oracle Exadata exceeds performance expectations.

Performance Benchmarking with Representative Queries and Consolidated Workload Samples

Once you have migrated and consolidated your data onto Oracle Exadata, you will need to run tests to confirm the performance and capacity requirements are met. Teleran's Consolidation Accelerator includes the Query and Consolidated Workload Profiling and Testing module. It automatically creates a consolidated sample of all your source system workloads that it captures during the monitoring step. This sample or composite workload model is used to run benchmarks on your consolidated Oracle Exadata environment.

The composite model includes the range and variety of application queries that represent 80% of your workload weighted by frequency and processing time. The model also includes peak period query concurrency representing a composite view of how your queries behave together. This ensures a complete and accurate picture of your real-world activity and how it will perform in the new consolidated Oracle Exadata environment. The benchmarking output is a Performance Improvement Analysis that quantifies the performance and throughput improvements you can expect from Oracle Exadata for your particular applications, workloads and user behavior.



Teleran's Query and Consolidated Workload Profiling and Testing module creates composite workload models for benchmarking performance in the consolidated environment.

Unobtrusive and Automated Process

Teleran's Consolidation Accelerator software unobtrusively monitors and profiles for a specified time period your applications targeted for Oracle Exadata. It automatically analyzes the results and presents to you both a summary and detailed assessment of the Oracle Exadata readiness of your applications. It also creates your representative consolidated query and workload test samples that are then run and benchmarked on Oracle Exadata. The Consolidation Accelerator can be used by prospective Oracle Exadata customers or by Oracle staff assisting customers in conducting their Oracle Exadata migration and consolidation project.

Teleran Solutions for Oracle Exadata Minimize Cost and Maximize Value

The Teleran Consolidation Accelerator for Oracle Exadata software reduces the overall cost, risk and time associated with consolidating databases and applications. Its readiness assessment and workload modeling and benchmarking solutions save companies man months of effort while reducing overall project risk and the time required to deliver Oracle Exadata value to the business.

For more information on deploying Teleran's Consolidation Accelerator for Oracle Exadata contact Teleran at (973) 439-1820 or sales@teleran.com.

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