

BIAS ARCHITECTURE MIGRATION & ROAD MAPPING SERVICE



IT Leaders are facing ever increasing pressure to reduce cost while increasing services to the business customer user base. Combine that operating pressure with the stress of increased risk born by the company in facing the ever growing cyber security threat and IT Leaders must act to execute a strategy which will address all those internal and external factors.

BUSINESS CHALLENGE

One of the elements of the quiltwork mosaic of the average IT architecture is the infrastructure and platform portfolio. Organic growth over time has left most organizations with various products and technologies all connected through expensive and vulnerable translation layers in order to get everything to run in harmony. This organic infrastructure has ramifications in regards to the cost of maintaining, patching and upgrading such a heterogeneous architecture, and the cyber exposure at each seam is not insignificant.

SQL SERVER TO EXADATA

BIAS offers a consolidation and migration program which addresses these needs and allows IT Leaders to reduce cost, increase performance, and reduce cyber risk. One area of specialization within BIAS which addresses these challenges is a migration from SQL Server to an Oracle Exadata platform.

THE BIAS PACKAGE

BIAS now offers a packaged Assessment and Roadmap to assist SQL Server shops in planning the move from SQL Server to Oracle on Exadata following the best practices from hundreds of migrations across a variety of industries. This package includes:

- ⇒ Analysis and Full Documentation of the existing SQL Server Environments
- ⇒ Mapping of Existing Databases and workloads to Exadata workloads
- ⇒ Sizing of the new Exadata environment
- ⇒ Analysis of the cost saving of the new Exadata Environment
- ⇒ Migration Blueprint for Zero-Downtime Migrations
- ⇒ Professional Mentoring on technical and operational Exadata best practices

REDUCING COSTS

Maintaining a large SQL Server shop is complex and expensive. Database and server sprawl increase infrastructure costs across the board. SQL Server licensing is only a small percentage of the cost of the platform. Hardware, storage, power, floor space, and an army of support staff are required to keep the operation running and have an associated linear cost. With Oracle 12c on Exadata, much of these costs can be reduced or eliminated altogether. Because Exadata is a complete engineered system of hardware and software built to work together, large SQL Server shops can dramatically reduce their hardware footprint by consolidation all of their existing SQL Server databases on to Oracle 12c and Exadata. In addition to the reduced footprint, further cost saving are achieved through centralized management of the entire Exadata stack leveraging OEM 12c. The large staff of DBA's, Storage, and Network Administrators is no longer needed to support the infrastructure. Even patching is simplified as the entire Exadata stack of O/S, storage, and databases is handled by one patchset from Oracle, greatly reducing maintenance and downtime.

