

Quistor ExaHotel Database as a Service

Improve the
performance of your
Oracle databases

Quistor ExaHotel

With the support of Oracle and our data center provider Open Line, Quistor offers a solution to make the high-end Exadata database platform available to the average Oracle database customer.

The Quistor ExaHotel Database as a Service offers organizations a specialized, scalable Oracle database platform based on a smaller entry of two cores, memory and storage, to meet your specific needs. With this solution, you can take your Oracle applications or other heavily loaded Oracle Databases to an unprecedented level of interactive and batch performance.

A room in the ExaHotel is fully equipped, so you are assured of a perfect stay with complete unburdening.



Key Features:



For all Oracle databases



Extremely powerful



Scalable



Cost-effective



For every workload



Easy implementation



The technology: Oracle Exadata



The Exadata platform is a specially designed system (Engineered System) for running Oracle Databases in which large volumes of data are processed fast and efficiently. One of the many unique features of the Exadata storage server software is the Smart Scan technology, which allows data-intensive SQL operations to be moved directly from the database server to the storage servers.

In addition, the new X10M delivers AMD EPYC CPUs that were designed from the ground up to achieve three key goals: deliver more performance for complex data center workloads, reduce latency with larger, better-designed caches, and increase throughput with more cores per socket. It is ideally suited for mission-critical database workloads.

By sending SQL operations to the storage servers, the data in all storage servers are filtered and processed immediately and simultaneously, while data are read from the hard disk and flash memory. Only the rows and columns directly related to a query are sent to the database servers.






For example, if a search is performed for customers who placed more than € 1000 in sales orders in the month of March, an Exadata system moves the scanning of the table to the Exadata store, filters all sales orders of less than € 1000 and not in March and extracts only the relevant customer names.

As a result, considerably less data is sent to the database servers. This allows for faster query processing, reduces bottlenecks and significantly reduces the CPU usage of the database servers. Using the above technology, you will get more database capacity with the same number of processor licenses for your database.

Next-Generation Oracle Exadata X10M

Quistor has recently replaced the X8M platform with the latest Exadata X10M version that is even more powerful for running your high-quality and critical Oracle databases. Welcome to the Quistor Exahotel 3.0!

New features

-  Intel processors are replaced by 4th Gen AMD EPYC processors
-  3X more transaction throughput
-  3.6X faster analytics
-  50 percent more consolidation
-  96 cores per socket

Licenses and Compliance

ExaHotel is not only focused on performance but also solves any compliance issues such as using database processor licenses on softly partitioned virtualization platforms like VM Ware and HyperV. Our ExaHotel is set up according to Oracle VM's hard partitioning guidelines.

The licenses can be linked to processor threads, resolving one of the most recent compliance issues. You can bring your own Oracle Enterprise Edition Database licenses or the necessary licenses can be provided by us in the form of a subscription, upgrade or new license in any version and regardless of which Database options you need.

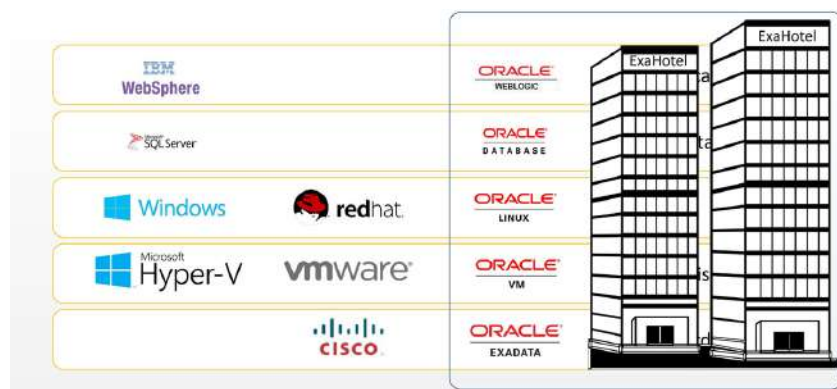


Image: an overview of ExaHotel and other technologies that Quistor offers.

Security

All your data will be highly secured in our datacentres in Maastricht and Landgraaf. We are not storing your data across a number of other datacentres.

Open Line and Quistor are both ISAE3402-II certified. The annual audit recognizes the policies, practices and procedures to ensure consistent quality in the products and services we provide to our customers.

Monthly costs

After a thorough sizing of your environment and the migration to the ExaHotel you pay a monthly amount for the number of cores, memory and storage you use. We can scale up and down if your business requires it so that you never pay too much. Our integrated management organization ensures that your environment runs 24/7 so that you can focus on your core activities.

About Quistor



19 YEARS
10 OFFICES
>300 EMPLOYEES
20 NATIONALITIES
250+ GLOBAL CLIENTS



JD Edwards



Managed Services



Business Analytics & Big Data



Cloud



Database Technology Solutions



Application Development

We invite you to reach out to us for any inquiries or further information regarding our Quistor ExaHotel offering.



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