Database Hotel

Enabling Oracle database customers to benefit from Google Cloud Platform

The Atos Database Hotel offering is a Private Cloud solution that runs in a co-location Data Center with low latency connection to GCP.

Atos Database Hotel enables you to combine the advantages of Private Cloud with Oracle license cost reduction as it is based on Oracle VM and offers a virtualized environment with solid performance and security.

You can migrate your application landscapes to GCP and place the Oracle components on the Atos Database Hotel to save license costs.

Atos Database Hotel is based on BullSequana S servers and is already in use with large corporate and government customers.

Your benefits

- Incorporate Oracle landscapes in your journey to Cloud with Google Cloud Platform
- Transact via Google Marketplace and use your Google Cloud Credits for the Atos Database Hotel
- Locations in Europe (Frankfurt) and the USA (Virginia)
- License economics: Deploy up to 2 Intel Cores for 1 Processor License
- Run your applications in GCP and Database Hotel
- BullSequana S with newest Intel Xeon processors enable more power per licensed core
- Security: Single and unified identity and access management, governance and administration
- Use GCP AI / ML capabilities on the data in your Oracle DB's

Atos DB Hotel is a Google Managed Partner Service

Products – Atos Hybrid Cloud is available to procure, purchase, deploy and use via Google Marketplace. It includes a comprehensive 'as a service' offering for multiple configurations of the enabling platform.

Contract with Google – as the 'product' is purchased via the Google Marketplace, the relationship is direct with Google via their existing GCP License and GCP Marketplace agreements, that set forth payment obligations and rules for customers use of the Google Marketplace as well as Google's data privacy commitments to customers and support obligations.

Contract with MPS Partner – you also sign a EULA with Atos that sets out the terms of access, use of the product, SLAs... and explains that Google – not Atos – will provide frontline support.

Our solution

The Atos Database Hotel offering is a Private Cloud solution located in co-location data-centers with low latency connections to Google Cloud Platform. Atos Database Hotel enables you to combine the flexibility of Private Cloud with Oracle license cost reduction as it is based on Oracle VM and offers a virtualized environment with solid performance and security. Customers may use their existing Oracle Licenses.

Atos Database Hotel is based on BullSequana S servers and is already in use for many large corporate and government customers.

Designed to flex with your Oracle landscape

Start and grow in Atos Multi-Customer Private Cloud in co-location with GCP

- **Economy room:** 1 Intel Core with 16 GB memory
- **Suite:** 32 Intel Cores with High Availability (HA), 1 DC
- **Double room:** 32 Intel Cores with Disaster Recovery (DR), 2 DC
- **Apartment:** 64 Intel Cores with HA & DR, 2 DC
- Add Storage with your size and performance requirements. Storage options: High Performance, Standard & Backup.
- Add Compute Capacity to your Hotel Room or mix these rooms as required, use Economy rooms as burst capacity.
- **License economics:** Deploy up-to 2 Intel Cores for 1 Oracle Proc License.

Starting in Frankfurt (GE) and Ashburn / Virginia (USA)

Run Oracle in our Atos Database Hotel in co-location and GCP in the connected zone with low latency.

Bring your own licenses

- Customers use their own Oracle licenses (BYOL) and need to continue annual support for them.
- Depending on the available licenses of the customer it will be possible to enable HA / DR set-ups with Oracle databases (RAC, Data Guard) or applications.

Google Cloud | Atos

"The cost for Oracle licenses is directly aligned with the CPU cores that we actually use. Atos Database Hotel enables us to reduce the TCO of our Oracle landscape while having the flexibility and security of a hybrid cloud."

Cloud Journey Architect of a large government customer

Atos Database Hotel security

Enterprise grade security will be embedded in the service in full alignment with GCP security standards.

User access will be managed seamlessly based on SSO with 'context aware' profiles that reflect a person's role, rules on segregation responsibilities, and even geographical location of individuals.

The control over these identities is centrally managed by Atos that can be applied consistently across not only all Database Hotel instances but also across all your environments and systems providing integration with your environments in a hybrid Cloud set-up.

Additional optional security features will be made available by Atos using the extensive Atos capabilities in this field.

Hybrid Cloud orchestration and management

Atos brings its expertise in end-to-end Cloud orchestration and management as well as infrastructure services and support to offer Oracle database customers a fully-managed and secure cloud service which will be seamlessly integrated with Google Cloud Platform.

The BullSequana S from Atos is a high-performance, modular and highly scalable server and can be easily configured to fit specific customer needs and therefore optimize costs for Oracle customers.

The regional datacenters used for Atos Database Hotel are certified by Google Cloud to provide direct, secure and high-performance network connectivity, for faster and optimized access to Google Cloud resources.

Atos and Google

- Atos and Google Cloud have formed a global partnership to deliver secure hybrid Cloud, machine learning and collaboration solutions to the enterprise.
- Atos works with Google Cloud to bring enterprises new secure business solutions encompassing hybrid Cloud, data analytics and machine learning and the digital workplace.
- Atos has created three R&D centers and Innovation Labs in Europe and North America to focus on machine learning and Artificial Intelligence.
- Google Cloud is now Atos' preferred public Cloud partner.

Atos Database Hotel for GCP : Room Sizes

Database Hotel for GCP Rooms		Economy	Suite	Double	Apartment
Datacenter set-up	# DC	1 DC	1 DC	2 DC	2 DC
Compute capacity	Intel Cores	1	32	32	64
	Memory (Gb)	16	512	512	1024
	Oracle VM's	1+	32+	32+	64+
Storage	Data	Scalable storage available in different price / performance classes: High Performance, Standard, Replication set-up, HA / DR with DB tools (RAC, Data Guard)			
	Back-up	Scalable and by default replicated to the other twin colo datacenter			
SLO Availability		99,9%, 7x24 (= DB availability to be configured with HA / DR (RAC / Data Guard)			
Scale and burst capacity		Extra Economy rooms	Extra compute and memory capacity or Economy rooms		
Price structure		Compute per room + Storage per Class per TB + per Oracle VM			

About Atos

Atos is a global leader in digital transformation with over 110,000 employees in 73 countries and annual revenue of over € 11 billion.

European number one in Cloud, Cybersecurity and High-Performance Computing, the Group provides end-to-end Orchestrated Hybrid Cloud, Big Data, Business Applications and Digital Workplace solutions. The group is the Worldwide Information Technology Partner for the Olympic & Paralympic Games and operates under the brands Atos, Atos Syntel, and Unify. Atos is a SE (Societas Europaea), listed on the CAC40 Paris stock index.

The purpose of Atos is to help design the future of the information technology space. Its expertise and services support the development of knowledge, education as well as multicultural and pluralistic approaches to research that contribute to scientific and technological excellence. Across the world, the group enables its customers, employees and collaborators, and members of societies at large to live, work and develop sustainably and confidently in the information technology space.

Atos, the Atos logo, Atos Syntel, and Unify are registered trademarks of the Atos group. February 2020. © 2020 Atos. Confidential information owned by Atos, to be used by the recipient only. This document, or any part of it, may not be reproduced, copied, circulated and/or distributed nor quoted without prior written approval from Atos.

CT_190828_RD_Database_Hotel_FS_OracleV2