

## Oracle Takes Exadata Cloud On-Premise

Written by Marco Attard  
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Oracle announces the Exadata Cloud Machine-- an Oracle Cloud at Customer hardware offering allowing customers to run Oracle databases on-premises, with the same interface as the Exadata Cloud Service.



The device is aimed at organisations wanting to move enterprise workloads to the public cloud but need to keep cloud services on-premises due to business constraints or regulation requirements. As such, it provides subscription access to all Oracle Database features, such as Real Application Clusters, Database In-Memory, Active Data Guard and Advanced Security, with 100% compatibility with on-premises and Oracle Cloud applications and databases.

“Oracle Exadata Cloud Machine is an ideal platform for organizations that want the benefits of the cloud brought to their datacenter,” the company says. “For many years, Oracle Exadata has been the platform of choice for running mission critical Oracle databases at thousands of customers, and the Oracle Exadata Cloud Machine extends this value proposition to those customers who want cloud benefits but cannot or aren’t yet ready to move to a public cloud.”

Functionality includes mission-critical database for OLTP, analytics, mixed workloads and consolidation, database hardware platforms with NVMe Flash, InfiniBand networking and the "fastest" servers, Smart Database Algorithms in storage, networking and compute, and flexible cloud deployment on either the Oracle public cloud or customers' own datacentres.

Users can run Cloud Machine for a number of use cases, such as disaster recover, elastic bursting, dev/test, lift-and-shift workload migration and single API and scripting toolkit for DevOps. As a fully managed Oracle offering it provides the same experience when used in the

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datacentre as in the Oracle Cloud.

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