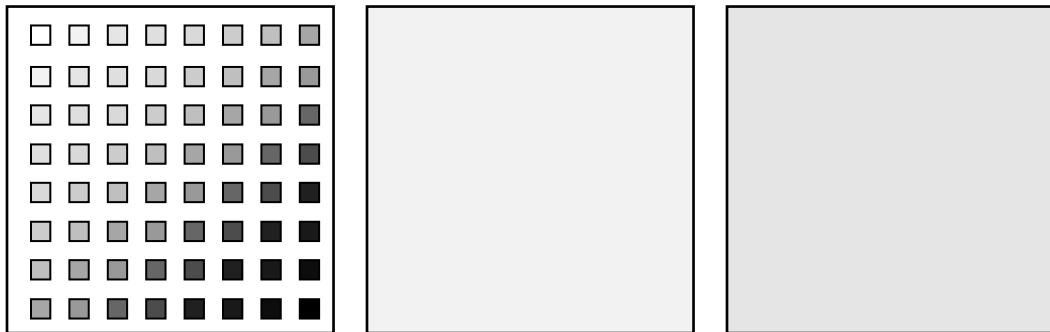


Database Cloud Server

Frequently Asked Questions



Vendita
February 2017
DCS-faq-1.02



Abstract

This document contains frequently asked questions about the Vendita Database Cloud Server.

Audience

The target audience for this document is executives, managers and technical personnel who are interested in the Database Cloud Server, and would like some quick information.

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Database Cloud Server: Frequently Asked Questions

What is the Database Cloud Server?

The Database Cloud Server is an IBM Power Systems™ solution designed to run Oracle Database on an IBM Power Systems™ server. The AIX® operating system, PowerVM virtualization, and Oracle database software are all factory installed.

Is the Database Cloud Server like the Oracle Exadata or Oracle Database Appliance?

Yes, it is similar to these two Oracle Engineered Systems in that everything is setup and installed for the customer.

What is better about the Database Cloud Server than Oracle Engineered Systems?

There are many reasons the Database Cloud Server is better. Here are a few:

- ✓ The Database Cloud Server is less expensive because it does not require Oracle RAC, which significantly reduces Oracle software licensing costs.
- ✓ The Database Cloud Server does not require the customer to install or configure anything. When it is received, it is ready to use.
- ✓ The Database Cloud Server has a “migration-ready” architecture, designed to make the migration from older versions of Oracle Database to Oracle Database 12c easier, and not coupled to hardware migration.
- ✓ The DCS is a “Swiss Army Knife” for databases, supporting other databases, including EnterpriseDB, PostgreSQL, MariaDB, MongoDB, and Neo4j. Oracle Exadata and ODA are single-purpose servers only.

The Oracle Exadata or Oracle Database Appliance only run Oracle Database 12c. Is it the same for the Database Cloud Server?

No. The Database Cloud Server can run older versions of Oracle Database, such as 11g, 10g and even 9i.

My company already owns Oracle software licenses. Can they be used on the Database Cloud Server?

Yes. Customers can bring their own licenses to the Database Cloud Server, or purchase licenses from Vendita at same time that they purchase the Database Cloud Server.

Does the Database Cloud Server support Oracle RAC and Oracle ASM?

The Database Cloud Server includes a full installation of the Oracle Grid Infrastructure that contains Oracle RAC and Oracle ASM.

- ✓ Oracle RAC is *NOT* required on the Database Cloud Server, but can be used to deliver high availability capability.
- ✓ Oracle ASM is used by the Databases Cloud Server for database storage. Note that the JFS2 file system can also be used for database storage.

What are the cloud capabilities of the Database Cloud Server?

- ✓ The Database Cloud Server supports local cloud architectures, which allows multiple servers to be provisioned on each Database Cloud Server. IBM PowerVC can also be used to provide web-based cloud management.
- ✓ Resources, like CPU cores, memory and storage, are all virtualized, which allows these resources to be added to servers as needed.
- ✓ The Database Cloud Server supports AIX® and Red Hat Enterprise Linux®, and is perfect for running LAMP applications, or non-Oracle Databases, such as EnterpriseDB, PostgreSQL, MariaDB, MongoDB and Neo4j.

How is the performance of the Database Cloud Server?



The Database Cloud Server uses IBM POWER8™ processors with 8 threads per core. With its high-performance storage, the Database Cloud Server can handle any workload, and is frequently chosen over Oracle's Exadata on the basis of performance.

My Systems Administrators and DBAs don't like AIX®. How do you respond to that?

With the Database Cloud Server, Vendita provides "AIX® Made Easy," which includes:

- ✓ BASH Unix® Shell
- ✓ "yum" package manager
- ✓ gzip, wget, curl, zip, unzip, git, and other popular CLI utilities
- ✓ Python
 - rlwrap (Add last command recall to SQLPlus, lsnrctl, RMAN, OGG, etc.)

Can I test my database on a Database Cloud Server?

Yes. Vendita has a "try before you buy" program, where customers can load their database on a Database Cloud Server to see if the Database Cloud Server meets their needs.

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