

# Oracle Database Appliance

## Frequently Asked Questions

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#### **What is the Oracle Database Appliance?**

The Oracle Database Appliance is a high availability clustered database system that includes software, servers, storage, and networking, all engineered to work together in a single box.

#### **What database version does the Oracle Database Appliance support?**

The Oracle Database Appliance only supports Oracle Database 11g Enterprise Edition Release 11.2.0.2.

#### **What is the Oracle Database Appliance server hardware configuration comprised of?**

The Oracle Database Appliance uses Oracle's Sun Fire X4370 M2 which is a 4U, two-node rack-mountable server with two 6-core Intel Xeon Processors X5675 and 96GB of memory per node.

#### **What are the networking components of the Oracle Database Appliance?**

The two server nodes within the Sun Fire X4370 M2 are connected via an internal redundant 1 GbE interconnects for cluster communication, and each provides both 1GbE and 10GbE external networking connectivity.

#### **What is the storage capacity of the Oracle Database Appliance?**

The Oracle Database Appliance contains 12TB of raw SAS storage, offering resilient 4TB of triple-mirrored, usable database storage. There are also four 73GB solid state disks for high performance processing of redo logs.

#### **What operating systems are certified with the Oracle Database Appliance?**

Oracle Linux has been certified, and comes pre-installed on the Oracle Database Appliance.

#### **What Oracle database workloads are suitable for the Oracle Database Appliance?**

The Oracle Database Appliance can run any OLTP and data warehousing workloads making it the ideal platform for consolidating small Oracle databases.

#### **Can the Oracle Database Appliance support Oracle databases for my enterprise applications?**

Yes, the Oracle Database Appliance can run the Oracle databases for Oracle Applications such as E-Business Suite, PeopleSoft Enterprise Applications, Siebel CRM, JD Edwards, and a multitude of 3<sup>rd</sup> party horizontal and industry specific applications from Oracle's partners.

#### **What high availability features are engineered into the Oracle Database Appliance?**

The Oracle Database Appliance was engineered with mission-critical requirements in mind. It includes redundant server nodes, internal redundant 1 GbE interconnects, triple-mirrored storage, redundant power and cooling, and many hot swappable components.

#### **What Oracle database options are recommended with the Oracle Database Appliance?**

To complement redundancy built into the hardware components, Oracle Real Application Clusters or Oracle Real Application Clusters One Node are highly recommended for Active-Active or Active-Passive server failover, respectively.

#### **How do I install and configure Oracle databases?**

Installation and configuration of databases on the Oracle Database Appliance is extremely simple: Plug in the power and network cables, then startup the Appliance Manager software. This will configure and install your databases based on Oracle best-practices.

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### **What is the Appliance Manager software that comes with the Oracle Database Appliance?**

The appliance manager provides one-button automation for the entire database stack. It simplifies and automates the manual tasks typically associated with installing, managing and supporting Oracle database environments.

### **Does the Appliance Manager software come standard with the Oracle Database Appliance?**

Yes. The Appliance Manager and Oracle Linux comes pre-installed with every Oracle Database Appliance for easy setup.

### **Can I use Appliance Manager one-button automation for patching my databases?**

Yes, the Appliance Manager one-button also automates patching of the entire stack including database, operating system and firmware patching in a single process.

### **How do I get the database software to install on the Oracle Database Appliance?**

Oracle Linux and Appliance Manager software comes pre-installed on the Oracle Database Appliance; the database software is downloaded via E-Delivery, and installed using one-button automation.

### **Can I purchase different configurations of the Oracle Database Appliance?**

Yes. While the Oracle Database Appliance is a one-size hardware configuration, customers can configure single or clustered database instances (using Oracle RAC or Oracle RAC One Node) that can run on specific number of licensed processor cores.

### **What database licenses are required for the Oracle Database Appliance?**

Customers are only required to license processor cores that they plan to use. In other words, the Oracle Database Appliance enables customers to “pay-as-you-grow” and purchase database licenses using a sub-capacity model.

### **What is “pay-as-you-grow” sub-capacity licensing?**

Unique to the Oracle Database Appliance, customers can purchase database and options licenses starting from a minimum of 2 processor cores, up to the system maximum of 24 processor cores. This enables customers to start small, licensing only required cores and purchase additional licenses as business demand grows.

### **Can I reuse database licenses that I already own for the Oracle Database Appliance?**

Yes. Provided existing Oracle databases licenses are current they can be applied to the Oracle Database Appliance.

### **Can I reduce my license requirement by shutting down cores on the Oracle Database Appliance?**

Yes. Customers are only required to license the processor cores on the Oracle Database Appliance that are enabled.

### **Where can I find more information about the Oracle Database Appliance?**

You can contact your Oracle sales representative directly or call 1-800-Oracle1. For more information about the Oracle Database Appliance on the web, go to: [oracle.com/goto/databaseappliance](http://oracle.com/goto/databaseappliance)

The data sheet for the Oracle Database Appliance [can be found here](#).



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