Oracle Database Appliance
Frequently Asked Questions

Frequently Asked Questions

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 3rd 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.

Oracle Database Appliance
Frequently Asked Questions

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

The data sheet for the Oracle Database Appliance can be found here.

Hardware and Software, Engineered to Work Together