EMC VNX SERIES FOR YOUR ORACLE HIGH-BANDWIDTH DATA WAREHOUSE/BUSINESS INTELLIGENCE REQUIREMENTS

Deliver high-bandwidth and high capacity for your Oracle data warehouse

ESSENTIALS

- Capable of delivering up to 10 GB/s read and 7.5 GB/s write performance
- Supports sustained bandwidth rates of massively parallel processing (MPP) applications
- Scales from as little as a few TBs up to nearly 2 PBs of storage capacity
- Less infrastructure with 50 percent more concurrent streams
- Accelerate the time-to-value for your high-bandwidth data warehouse

Over the years, your business has accumulated large amounts of information in your data warehouse. Within this data is information on trends, customer behavior, and other business drivers which can help you make informed business decisions. However, weeding through rows and rows of data to uncover these valuable nuggets is difficult. The bandwidth is not there to support high-performance queries. As a result, Oracle data warehouse deployments are rapidly increasing the need for high-bandwidth and scalable storage infrastructures.

With the EMC® VNX® series of unified storage, you can now achieve up to 10 GB/s read and up to 7.5 GB write performance with the VNX7500 for block-based high-bandwidth applications. The VNX also scales from as little as a few TBs to close to 2 PB or up to 1,000 drives.

In collaboration with the Oracle data warehouse engineering team, the EMC team has engineered the VNX to run optimally with typical Oracle data warehousing workloads. Based on this work with Oracle, EMC has created reference configurations that allow for accelerated time-to-value for optimal configurations.

VNX SERIES MEETS YOUR ORACLE HIGH-BANDWIDTH DATA WAREHOUSING NEEDS

Whether you have a scalability requirement, a high-bandwidth requirement, or high-bandwidth/small foot print requirement, the VNX series has a solution that meets your needs. The VNX series of modular-based, unified storage is simple, efficient, and powerful, offering reliability, manageability, modular scalability, and performance to address sustained data access bandwidth for demanding data warehouse applications like Oracle data warehouse. The system also provides leading software features/integration including simplified management, automated storage tiering, virtualization integration, efficient capacity management, and much more.

CHOOSE THE RIGHT VNX SERIES FOR YOUR NEEDS

The VNX series offers a full range of platforms supporting different scalability and high-bandwidth requirements. These platforms come in a standard 40U EMC rack, can be installed in customer racks, and are also available in dense EMC racks that accommodate 60 drives per 4U rack.

EMC²®

VNX

EMC Unisphere

| VNX5100 | VNX5300 | VNX5500 | VNX5700 | VNX7500 |

Simple. Efficient. Powerful.

ACCELERATE THE TIME-TO-VALUE FOR YOUR ORACLE HIGH-BANDWIDTH DATA WAREHOUSE

Key to Oracle data warehousing deployments is the ability to get more sustained MB/s read/write bandwidth, more MB/s/drive (to reduce the number of drives needed), more density (MB/s bandwidth per storage U form factor), higher usable storage capacity, and overall lower solution cost.

Realize the benefits of:

• Accelerated deployments—designed and tested to save months of configuration, setup, testing, and tuning time
• Reduced costs—build low-cost warehouse solutions
• Increased performance and scalability—enjoy better out-the-box performance with less effort
• A better approach to data warehousing—use best-in-class components

Looking at the EMC CLARiiON® and EMC VNX reference architectures for Oracle data warehousing, the VNX advantages over the previous architecture include more than twice the concurrent supported user streams (32 versus 16), a 48 percent reduction in the server/storage footprint, more usable storage capacity, and a lower total solution cost.

MAXIMIZE THE BENEFITS OF THE VNX SERIES WITH EMC GLOBAL SERVICES

EMC delivers a full complement of services for the VNX series to ensure expected performance in customer environments. Expert planning, design, and implementation services help reduce time-to-return on investment.

EMC Customer Service—six-time winner of the SSPA STAR Award for outstanding mission-critical support—helps organizations keep their information available 24x7.

CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, contact your local representative or authorized reseller—or visit us at www.EMC.com.

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