EMC VNX SERIES FOR HIGH-BANDWIDTH MICROSOFT SQL SERVER REQUIREMENTS

Deliver high capacity and high-bandwidth for your data warehouse

ESSENTIALS

Savings

- Run queries faster to enable your business to react faster
- Accelerate the time-to-value for your high-bandwidth data warehouse
- Capable of delivering over 10 GB/s read and 7.5 GB/s write bandwidth
- Supports sustained bandwidth rates of massively parallel processing (MPP) applications
- Scales from as little as a few TBs up to nearly 3 PBs of storage capacity

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, Microsoft® SQL® 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 over 10 GB/s read and over 7.5 GB write performance for block-based high-bandwidth applications. The VNX also scales from as little as a few TBs to close to 3 PBs, or up to 1,000 drives.

As a part of the Microsoft SQL Server Fast Track Data Warehouse program, EMC and Cisco partnered with Microsoft and worked jointly to design, test, and validate a complete solution that conforms to Microsoft's guidelines for the Microsoft SQL Server Fast Track Data Warehouse program.

VNX SERIES MEETS YOUR SQL SERVER HIGH-BANDWIDTH 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 is modular based, unified storage that is simple, efficient, and powerful. It offers reliability, manageability, modular scalability, and performance to address sustained data access bandwidth for demanding data warehouse applications such as SQL Server. 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

ACCELERATE THE TIME-TO-VALUE FOR YOUR MICROSOFT SQL SERVER FAST TRACK DATA WAREHOUSE

With Microsoft SQL Server 2012, Microsoft continues to be a leader in data warehousing. The Microsoft SQL server Fast Track Data Warehouse program was introduced to enable you to accelerate your time-to-value by deploying tested, scalable reference architectures. Realize the Fast Track solutions benefits:

- Deploy faster—designed and tested to save months of configuration, setup, testing, and tuning time
- Reduce costs—build low-cost warehouse solutions where deployments are accelerated
- Increase performance and scalability—enjoy better out-the-box performance with less effort
- A better approach to data warehousing—uses best-in-class components.

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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