EtherDrive® VSX2500
Ethernet SAN Virtualization Appliance

Key Features and Benefits

- ☒ **Ethernet SAN virtualization appliance, provides volume management for EtherDrive SAN storage**

- ☒ **Aggregate pools of EtherDrive SR/SRX LUNs together to form small or large virtual LUNs up to 512TB**

- ☒ **Each VSX can manage up to 4080 virtual LUNs**

- ☒ **VSX can create up to 255 copy-on-write snapshots per virtual LUN**

- ☒ **Snapshots can be cloned by VSX and used as read/write copies**

- ☒ **VSX can synchronously mirror logical volumes to create a High Availability (HA) storage system with true No Single Point of Failure**
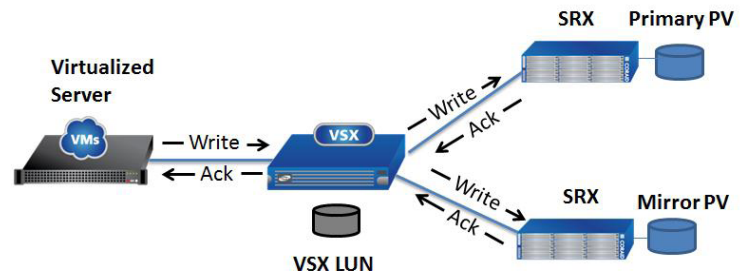
- ☒ **Supports 1Gb and 10Gb Ethernet**

Coraid EtherDrive VSX2500 brings networked storage virtualization intelligence to your Ethernet storage area network (SAN). With VSX2500 you can now centralize and streamline logical volume management (LVM), snapshots, clones, and remote replication across your enterprise — quickly, and easily.

Logical Volume Management
VSX2500 logical volume management provides a higher-level virtualization of Coraid's EtherDrive SR/SRX Series arrays connected to an Ethernet SAN than the traditional view of disks and partitions. VSX2500 gives system administrators more flexibility when allocating storage for physical or virtualized servers.

Synchronous Mirroring
For applications that require high availability, data from one EtherDrive storage appliance can be synchronously mirrored to another to protect against whole array failures. Mirroring creates a simultaneous, exact duplicate version of a physical volume (PV) to a local designated EtherDrive storage LUN target.

Snapshot & Clones
The snap command creates a read-only logical volume (LV) of the data at that exact point in time (snapshot). After the initial snap, subsequent snaps copy only the modified data. Snaps consume less storage space and are faster than a traditional copy for periodic backups.

The clone command creates a read/write LV similar to a snap shot. Creating the clone require no new storage space. After the clone is created, subsequent writes to the clone uses available disk space and the clone size grows. Clones consume less storage space and provision instantaneously compared to copying LUNs.

CORAID   www.coraid.com

VSX2500 Specifications	
Form Factor	2U chassis
Supported storage arrays	EtherDrive SR Series and SRX Series
Virtual LUNS	Each VSX can support 4080 active virtual storage LUNs up to 512TB
Snapshots	255 Snapshots per virtual LUN
Storage Pools	Each VSX can support 32 storage pools with 128 physical volumes per pool
Management	Command Line Interface (CLI) for set up. Syslog output for alarms.
Network Interface	VSX2500-G—6 x 1GB Ethernet ports VSX2500-C2— 2 x 10GB CX4 Ethernet ports VSX2500-C4—4 x 10GB CX4 Ethernet ports VSX2500-SR2—2 x 10GB SFP+ ports VSX2500-SR4—4 x 10GB SFP+ ports
Additional Ports	2— 1Gb Ethernet ports (WAN ports) 2—PS-2 for keyboard/mouse 2 —USB for keyboard/mouse 1— serial port 1— VGA
Power Supply	100-240V, 50/60Hz Redundant hot swap power modules
Power Consumption (max)	200 Watts
Heat Load (max)	682 BTU/hr
Dimensions	17.7 x 7.0 x 25.5 inches
Weight (with disks)	35 lbs (15.9 kg)
Operating Temp	50-95 degrees F (10-35 degrees C)
Relative Humidity	20% to 90% (non-condensing)
OS Support	VMware ESX/ESXi 4.1 Windows Server 2003 (32 & 64 bit) Windows Server® 2008 (64 bit), including Hyper-V™ Windows Server® 2008 R2 (64 bit), including Hyper-V™ Oracle Solaris 10 x86 Oracle Solaris Express 11 x86 RHEL 5.4 & 5.5 64-bit CentOS 5.4 & 5.5 64-bit
Support Plans	eSupport Service Plan 24x7 Service Plan Zero Hour Support Service
Warranty	36 Month

Take the next step to learn more.

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