

EtherDrive® SAN Manager

Unified Management of Coraid Storage

Datasheet

Coraid EtherDrive SAN Manager provides configuration and monitoring controls for Coraid Ethernet SAN storage appliances.

Key Features and Benefits

- Manage Coraid Ethernet SAN storage systems through an easy-to-use web interface
- Monitor health status and performance of Coraid Ethernet SAN storage systems
- Quickly configure Coraid storage systems, typically within minutes after installation
- Orchestrate storage environment with programmable RESTful interface

Manage Storage as a Pooled Resource

Coraid EtherDrive SAN Manager leverages the scale out architecture of Ethernet SAN to manage storage as a pooled resource. Instead of managing individual elements or arrays, EtherDrive SAN Manager leverages the single namespace of Coraid's CorOS™ to give storage and datacenter administrators system-wide control.

EtherDrive SAN Manager provides the visibility and operational controls to provision, configure, monitor, and troubleshoot storage resources. The inventory system provides insight on every component from shelf to drive attached to the network and enables advanced filtering to identify and act on exactly the resource you need.

Quick, Simple Setup

With EtherDrive SAN Manager, you can rapidly configure Coraid storage

systems, typically within minutes after installation. Automated storage discovery further simplifies locating and configuring existing systems.

EtherDrive SAN Manager manages Coraid storage solutions through an easy-to-use web interface.

Programmable RESTful Interface

EtherDrive SAN Manager 1.5 provides access to its control and monitoring features via HTTPs using the Representational State Transfer (REST) model via HTTPs GET and POST operations. HTTPs basic access authentication is provided for each user name. All GET and POST data is formatted in JavaScript Object Notation (JSON). Messages follow one of four basic patterns; Resource Lists, Labeled GET Data, Unlabeled GET DATA and POST Data.

The screenshot displays the EtherDrive SAN Manager 1.5 interface. At the top, there's a navigation bar with 'SAN Domain', 'SRX 1', and 'SRX 2'. Below this, a 'Chassis' section shows general information like Model (SRX200-G4), Serial, and CorOS Version. It also includes status indicators for Chassis Temp (20°C), CPU A Temp (42°C), Fans RPM Range (3375-4210), and Power Supply (PS1: 27°C, PS2: 27°C). A 'Ports' table lists five Ethernet ports (eth0-eth4) with their status and link speeds. The main area features a 'Disks' table with columns for Disk ID, State, Size (GB), LUN ID, Mode, RPM, and LED State. A 'Disk Details' panel on the right shows information for a specific disk, including manufacturer (Western Digital), model, serial number, and LUN details like name, LUN ID, size, state, RAID type, and spin rate.

SRX ID	State	Size (GB)	LUN ID	Mode	RPM	LED State
1	up	1000.204	1.0	SATA	7.2K	reset
2	up	1000.204	1.0	SATA	7.2K	reset
3	up	1000.204	1.0	SATA	7.2K	reset
4	up	1000.204	1.0	SATA	7.2K	reset
5	missing					reset
6	missing					reset
7	missing					reset
8	missing					reset
9	missing					reset
10	missing					reset
11	missing					reset
12	missing					reset
13	missing					reset
14	missing					reset
15	missing					reset
16	missing					reset
17	missing					reset

EtherDrive SAN Manager 1.5 Interface



EtherDrive SAN Manager 1.5 Software Features

Graphical User Interface	Provides the visibility and operational controls to provision, configure, monitor, and troubleshoot Coraid storage resources including EtherDrive SRX and EtherDrive VSX.
REST Interface	Enables programmatic control of the storage infrastructure. With exactly the same rich API used by the graphical user interface, storage administrators and cloud operators can use a broad array of management tools to orchestrate their storage environment.
Physical Inventory	By leveraging the single namespace of CorOS, provides a detailed list of every physical component in the infrastructure including disks, logical volumes, appliances, and more, available in multiple views and with the ability to filter and sort to find specific resources.
Alerts and Alarms	Provides proactive alerts and enables quick drill downs from system to appliance to disk to isolate issues.

ESM 1500 Hardware Specifications

Form Factor	1U chassis
WAN Interface	One RJ45, 1Gigabit Ethernet
SAN Interface	One RJ45, 1Gigabit Ethernet
Console Port	RS232, KVM
Power Supply	100-240V, 50/60Hz Redundant hot swap power modules
Power Consumption (max)	200 Watts
Heat Load (max)	682 BTU/hr
Dimensions	1.75 x 17.0 x 19.5 inches
Weight (with disks)	20 lbs (9.1 kg)
Operating Temp	50-95 degrees F (10-35 degrees C)
Relative Humidity	20% to 90% (non-condensing)
Warranty	36 Month

To contact sales send an email to sales@coraid.com

