

Coraid EtherCloud™ Storage Management

Scalable Storage Management and Performance
Monitoring for the Coraid EtherDrive Platform



Coraid's EtherCloud platform streamlines the process of data storage management for cloud architects and administrators. In addition to familiar controls via Command Line Interface and REST API, EtherCloud features an intuitive GUI and automation, bringing an elegant simplicity to how storage is defined, allocated to applications, and reclaimed. This flexibility makes EtherCloud ideally suited to environments with rapid, unpredictable growth.

A New Approach to Storage Management

Combined with Coraid EtherDrive modular, pay-as-you-grow storage, EtherCloud enables cloud architects to deploy and manage petabytes of scale-out storage with ease.

Quick, Simple Configuration

With its easy-to-use web-based Graphical User Interface, Coraid EtherCloud enables rapid configuration of Coraid storage systems, typically within minutes after installation. Automated storage discovery further simplifies locating and configuring existing systems.

Ability to Manage Storage as a Pooled Resource

EtherCloud manages Coraid's scale-out storage as a pooled resource rather than as individual elements or arrays. This gives storage and datacenter administrators a level of comprehensive visibility and control that's impossible to achieve with traditional platforms.

Workflow Automation Designed to Accelerate Your Business

EtherCloud improves your operational effectiveness through automation. Provision, configure, monitor, and troubleshoot Coraid storage resources using your choice of a Graphical User Interface (GUI), a Command Line Interface (CLI), and a REST API.

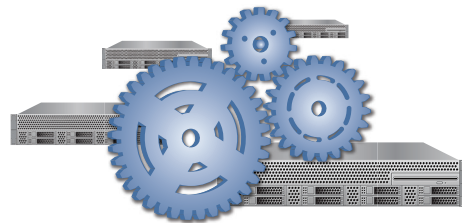
Alerts and Troubleshooting

EtherCloud continuously monitors the status and health of your storage environment. Alerts appear via the GUI or can be sent via SYSLOG or Email notifications.

Manage at a Global and Element Level

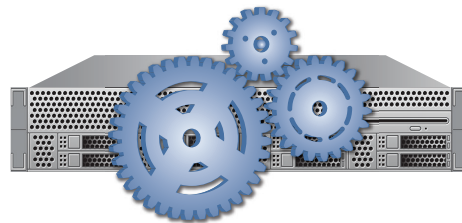
Coraid EtherCloud GM

The EtherCloud GM global storage manager provides global management and visibility into your entire Coraid environment through a single pane of glass.



Coraid EtherCloud EM

The EtherCloud EM element storage manager provides management and visibility into each distinct Coraid appliance.



KEY FEATURES AND BENEFITS

- Intuitive graphical user interface with wizards and status display streamline administration of Coraid storage, providing manageability of, and visibility into, environments at massive scale.
- Enables both command line access and programmability via REST APIs for granular control using familiar scripting tools for added flexibility.

EtherCloud Features

Feature	EtherCloud GM – Global Manager	EtherCloud EM – Element Manager
Web Interface	All ZXs Everywhere	Local ZX Only
CLI	All ZXs Everywhere	Local ZX Only
REST API	All ZXs Everywhere	Local ZX Only
Monitor Storage Pools	All ZXs Everywhere	Local ZX Only
Monitor File Systems	All ZXs Everywhere	Local ZX Only
Monitor Cluster(s)	All ZXs Everywhere	Not Supported
Monitor File Systems	All ZXs Everywhere	Local ZX Only
Storage Pool RAINmaker	All ZXs Everywhere	Local ZX Only
Email Alerts	All ZXs Everywhere	Not Supported
Syslog	All ZXs Everywhere	Local ZX Only
Monitor Drive Status	All ZXs Everywhere	Local ZX Only

EtherCloud Specifications

Coraid Products Managed by EtherCloud	ZX3000 & ZX4000
EtherCloud EM – Element Manager	Installed on ZX
EtherCloud GM – Global Manager	Installed on virtual or physical server
EtherCloud GM Memory Footprint	8 GB
EtherCloud GM Drive Space	256 GB
EtherCloud GM CPUs	2
EtherCloud GM Network Requirements	1 Gb or 1 bridged NIC Adapter (VMXNET 3 for VMware)
Virtual Machine VM Operating System Requirements	Must support CentOS 4/5/6 64 bit guest OS
Supported Browsers	<ul style="list-style-type: none"> Internet Explorer 10 and 11 Chrome 27.0.1453.115 Mozilla Firefox 21.0 Safari 6.0.5
Supported Coraid Software Versions	<ul style="list-style-type: none"> HBA: Solaris 7.0.0 SRX: CorOS 7.0.1 ZX: Solaris v22

About Coraid

Coraid provides storage solutions for cloud service providers and enterprises that are experiencing rapid, unpredictable data growth. Coraid leverages Layer 2 Ethernet to elevate network performance and improve operational effectiveness for companies deploying dynamic, large-scale, multi-workload environments. With its modular, pay-as-you-grow architecture, easy-to-use software, and proven support, design, and implementation, Coraid partners with customers to enable just-in-time scaling and versatility with quick return on investment. For more information, visit www.coraid.com.