

Nimsoft for EMC Storage

Advanced Monitoring for EMC Celerra, CLARiiON and VMAX

Key Features

- Detailed events, alerts and performance information
- Automatic storage configuration discovery
- Auto-apply monitoring by template to storage elements
- Combine with NetApp, Cisco UCS, physical and virtual storage monitoring for a complete view of storage status
- Correlate business service views of servers, virtual environments, applications relying on the storage environment

Benefits

- Reduce administrative effort and costs for monitoring EMC Storage
- Optimize utilization of scarce storage resources
- Prevent downtime and improve SLAs for applications that depend on storage availability
- Show storage value delivered with reports and views of usage information, trends and SLAs
- Streamline storage administration with a single tool for EMC, NetApp and local storage environments

Your EMC storage environment isn't simple or standard – but your monitoring of it needs to be

EMC storage is complex, supporting environments from mainframes to desktops and every flavor of server, application, cloud and business service. But when you need to maintain the performance and availability of that storage, and of the business services that depend on it, you need a monitoring solution that makes it easy.

Nimsoft Monitor for EMC Storage provides that solution - allowing you to quickly identify root causes for outages, to proactively prevent them, and to easily identify usage patterns that allow tuning for optimum usage. The solution includes:

- In depth metrics and performance data for EMC storage platforms
- Automatic discovery of storage configuration
- Automatic application of monitoring by template
- Automatic generation of reports and views by template.

This combination makes possible in depth visibility, proactive outage prevention, pinpoint responses to problems and optimal resource allocation.

An Element of Nimsoft Unified Management

IT infrastructure has grown in complexity as a result of virtualization, increased compute and storage density, and the needs of new mission critical applications and services. With IT now a core element of the services and products organizations deliver to their customers, a unified solution set to IT management problems is a requirement.



Data Sheet

Nimsoft Monitor for EMC storage is a complete solution to monitoring this complex, vital infrastructure element – and is a component of Nimsoft’s single infrastructure for managing events, alerts and performance.

To meet commitments for uptime and SLAs for business critical applications and services you need modular solutions. The first step is a complete monitoring solution that covers all the elements of your infrastructure – including storage, network, servers and much more. Multiple, siloed solutions only result in high costs, and slow response times - one solution for your storage environment, one for your traditional servers, one for each of your applications, another for your virtualization environment and so on. Combine a complete monitoring solution with modular Service Desk functionality to accelerate problem resolution and efficiently support processes -without the need to build and maintain integration.

Comprehensive, Integrated Monitoring for EMC Storage

Supporting EMC Celerra, Clariion and Vmax/Symmetrix storage platforms, Nimsoft Monitor provides the events, alarms, performance data, displays, workflow and correlation features that allow you to:

- Rapidly identify and correct storage related outages
- Prevent problems before they happen by applying intelligent thresholds to metrics
- Optimize storage allocations by tracking storage usage and relating that to applications and business services
- Automatically identify, deploy, and configure monitoring for storage components and elements
- Monitor and manage not only EMC storage, but all the operating systems, virtualization environments, networks, business applications and critical IT services that depend upon that storage.

Making the best use of your EMC storage

Configuration and use of EMC storage is as varied as the businesses and applications these enterprise-class solutions support. This includes storage tier allocations, application specific optimization, virtual environment configuration, mainframe support and more.

For optimization and efficient operation of these critical environments, detailed performance and usage information needs to be captured and presented, providing a quick grasp status and trend information. This allows administrators to quickly configure and re-configure the solution for minimal down time.

Nimsoft Monitor for EMC Storage provides not only the events and alarms – and the associated capability to quickly identify and remediate problems – but also the extended performance and usage data that allows administrators to optimally configure storage for future needs.



Requirements

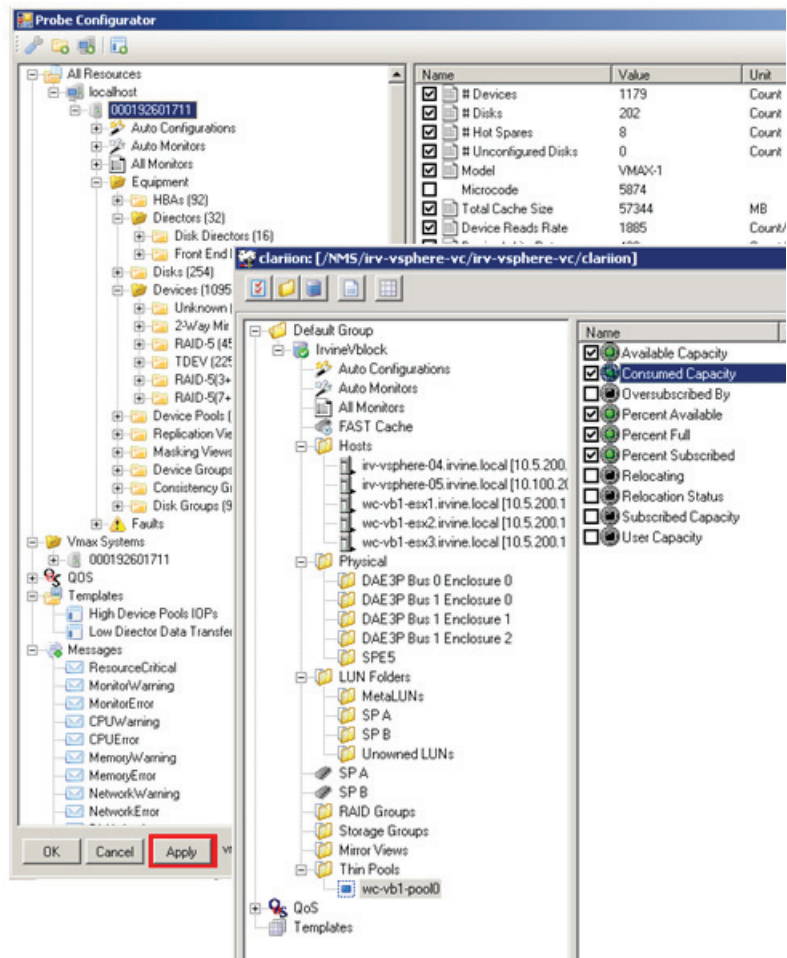
Supported Platforms:

- EMC CLARiiON CX4 series
- EMC Celerra NS- G2, NS-480
- EMC Symmetrix VMAX

Metric collection areas by platform:

See technical documentation for a complete listing of metrics. Metrics collected include detailed information on events, alerts and performance in the following areas:

- Symmetrix VMAX metric areas – Devices, Disk Groups, Director, Disks, Device Pools, Ports and Arrays
- CLARiiON metric areas – System, Storage Processor, Disks, PSUs, LUNs, MetaLUNs, RAID Groups, Thin Pool, Fast Cache
- Celerra metric areas – Data movers, Storage System/Sub-System, Storage Volumes, File Systems, Network, Quality of Service



About Nimsoft

Nimsoft is a global leader in IT Management-as-a-Service. The company's lightweight ITMaaS solutions make it easy for enterprises and service providers to implement comprehensive, adaptable monitoring and service desk capabilities essential for managing today's dynamic computing environments. Learn more at www.nimsoft.com.

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