

The Arxview Data Center Analytics Engine (DCAE)

## Feature Highlight - GPFS Capacity and Performance

### Full end-to-end GPFS capacity, configuration and performance monitoring Key features

GPFS was designed to meet the demands of high performance, scalable file and data management. Leveraging data storage and processing over multiple assets improves efficiencies and opens up tremendous opportunity. Reporting on GPFS devices back to the underlying storage, viewing cluster relationships, and monitoring GPFS performance has been challenging and difficult.

Arxscan addresses the complexities and challenges of GPFS reporting. Arxscan includes full end-to-end GPFS reporting and performance monitoring across multiple vendor hardware platforms (IBM, HP, EMC, HDS, etc.). Arxview provides operation and management users a full range of views for GPFS for physical and virtual assets.

With Arxscan users can view up-to-date capacity and performance information in midrange to complex GPFS environments including:

- **Cluster configuration**
- **NSD to LUN mapping**
- **Pools**
- **File systems**
  - *File system growth*
  - *File system quotas*
- **Cluster, node, and file system performance**
- **Cluster topology**

View comprehensive and concise reports and avoid the time and cost of writing and running scripts and generating manual reports. Call Arxscan today to see this and all of the other great reporting available as part of the Arxview DCAE.

Arxview DCAE installs and configures quickly and easily. There is no special training or certification required to use Arxview. Arxview is an affordable, single instance solution providing end-to-end visibility into the data center regardless of equipment type or vendor.

Please visit us today at [Arxscan.com](http://Arxscan.com) and fill out our contact form, or give us a call at (800) 480-9054 to find out what the future of your data center looks like. Our staff is available to answer any questions you have, set up a demonstration or schedule a 30 day free trial of our solution to let you experience firsthand the power of what we offer.

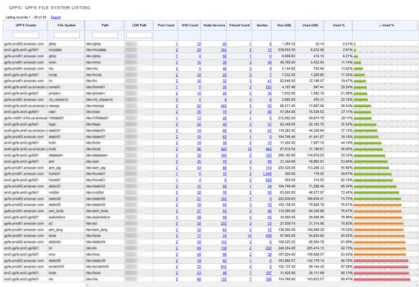
Let's get started.

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## GPFS Global and Cluster Summaries

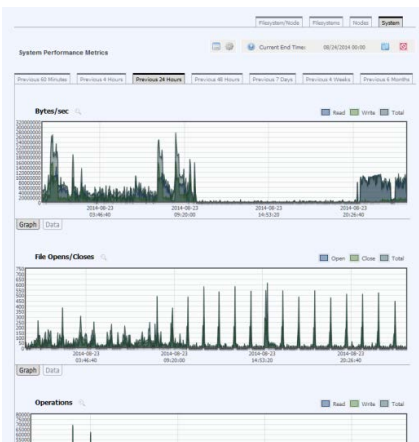
The Arxview DCAE's intuitive presentation layers show the entire GPFS Structure in hierarchal relationships that let the user drill from the top of the enterprise all the way down to the file level with several aggregation points in between.



File System	File Count	Size	...
gpfs001	1,234,567	1,234,567,890	...
gpfs002	2,345,678	2,345,678,901	...
gpfs003	3,456,789	3,456,789,012	...

## Detailed Reporting

Dozens of metrics around clusters nodes and file systems are available in logical views and flexible, interactive reporting that also provides the relationships between all of the different layers of GPFS.



## Cluster, Node and File System Performance

Arxview reports minute-by-minute performance metrics in trended time lines selected by the user for GPFS clusters, nodes and the entire file system. Graphic views are supplemented with data tables highlighting spikes and anomalies.