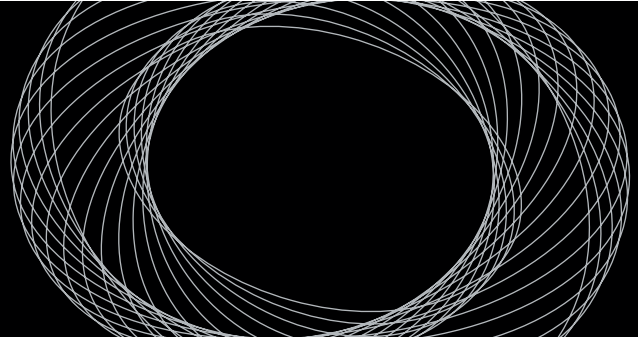


InsightIQ™

Innovative Analytics Platform to Accelerate Workflows and Applications.



Key Benefits

- **Optimize Workflows and Applications:** Eliminate bottlenecks and inefficiencies without professional services or highly-trained personnel.
- **Organize and Optimize Price/Performance Utilization:** Determine which datasets are growing more rapidly, which direction files and file types are trending, and how data aligns to storage costs.
- **Forecast Performance Needs:** Identify past performance trends to help predict future needs, by aligning performance and cost “just-in-time”.
- **Correlate Workflow Events:** Align end-user descriptions with performance metrics over various time periods; diagnose historical events as simply “real-time” events.
- **Analyze Network and Performance Bottlenecks:** Get ahead of system issues and avoid impacts on end-users and application availability.

InsightIQ helps you maximize the performance of your Isilon scale-out storage system with innovative, advanced analytics to optimize applications, correlate workflow and network events, and accurately forecast future storage needs.

With Isilon you can easily manage PBs and GBps of storage and computing resources. Now, with InsightIQ you can go a step beyond, with innovative, advanced analytics to identify performance bottlenecks in your workflows and minimize the amount of high-performance storage required in your environment.

InsightIQ is an enterprise analytics suite that enables you to:

Quickly Gain Actionable Insight into Detailed Performance and Capacity Trends

- Gain new understanding of complex data without complex analysis.
- Minimize impact on your storage system by handling the processing and aggregation in an off-cluster virtual appliance.
- Easily bookmark relevant views for communicating key information throughout an organization.

Easily Identify and Understand Changes in Workflows and Applications

- Easily visualize and comprehend detailed performance metrics on a per-client, per-protocol and per-operation basis.
- Correlate and trend detailed file system information on a per-directory and per-file basis.
- Analyze and retrieve information in near-term and historical contexts and correlate between metrics.
- Quickly diagnose and repair infrastructure, network, and application bottlenecks.

Leverage Cost Saving Information Regarding Utilization and Performance

- Maximize your storage system’s overall price/performance capabilities and application optimization.
- Identify the business value of critical data over time and align use of storage resources.
- Provide cost-effective analytics, while leveraging your virtual infrastructure with minimal impact.

InsightIQ is a Web 2.0 application built within a virtual appliance for VMware™. You can interact with the rich Web 2.0 interface of InsightIQ using your favorite web browser – Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, or Apple Safari.

The data collection, aggregation, transformation, and display with InsightIQ are all handled by the virtual appliance to offload processing from the storage system and provide fault isolation. The Isilon OneFS® Operating System collects the statistics and delivers the information via a REST-based API to InsightIQ.

Scalable Virtual Appliance

Built on a Web 2.0 framework, InsightIQ is deployed as a virtual appliance, minimizing the impact of monitoring with an off-cluster virtual application that seamlessly integrates into enterprise environments.

Rich Visualizations and Interactions

To maximize the transformation of data into information, InsightIQ provides rich graphics and powerful, yet simple, metaphors, and emphasizes outliers, enabling better diagnosis of bottlenecks and workflow optimization.

Elaborate Drill-Downs and Breakouts

InsightIQ enables you to start with a broad overview of your storage environment, break down data along key axes and angles, zoom to long or short time scales, and quickly highlight the critical information to draw definitive conclusions. The innovative analytics platform makes it simple to correlate seemingly unrelated data across both present and historical conditions.

Detailed Performance Introspection:

- Network traffic on a per-interface, per-node, per-client, and per-protocol basis
- OneFS operation rates
- Protocol operation rates and latencies on a per-protocol, per-client, and per-operation class
- Per node CPU utilization
- Cluster events
- Per node disk throughput

File System Analytics

- Interactive directory usage browser
- Top N files and directories by count, size and age
- File property break-outs by path, extension, access time, etc.

Compatibility

InsightIQ is compatible with all Isilon products and software applications. The performance introspection model requires OneFS 5.5.3 or later and the File Systems analytics module requires OneFS 6.0 or later.

InsightIQ - File System Analytics

InsightIQ - Performance Introspection

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