Isilon Workload Optimization

virtana

Essentials

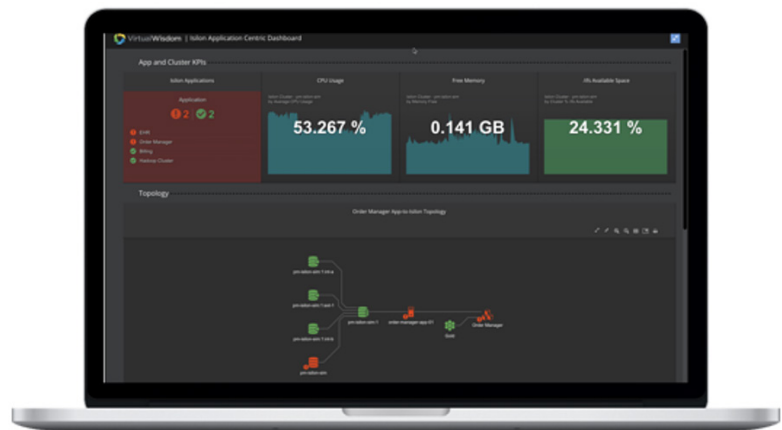### Optimize Isilon Environments with VirtualWisdom

- Understand how application workloads stress storage pool resources
- Gain real-time and historical performance visibility from client to Isilon node
- Forecast and manage capacity utilization across ports, nodes, and clusters

Assure Mission-critical Environments at Scale via Unique Capacilities

- Utilize a single pane of glass across shared infrastructure
- Discover and map application usage of Isilon clusters
- Manage access to resources based on application business value and service levels
- Leverage out-of-box best practices dashboards, reports, and alarms
- Analyze long-term trends via a high performance database of performance and capacity data
- Access automated investigations to dramatically reduce mean time to resolution (MTTR) of tough performance issues

Isilon Management Challenges

Every CXO is looking to Digital Transformation to drive competitive advantage, whether it's through improved customer experience or business insights gained from analytics and machine learning. As a result, assuring the performance of critical data infrastructure has never been more important.

VirtualWisdom is the industry's premier platform for assuring infrastructure and storage performance. VirtualWisdom's unique appcentric approach to infrastructure management offers deep insights into application performance, consumption and overall service levels.

Today, customers are deploying Isilon as a large scale-out storage platform to deliver the agility required by corporate Digital Transformation initiatives, while providing rapid scaling, with enterprise grade data storage resilience.

VirtualWisdom is unique in its ability to map, monitor, and manage Isilon's delivery of the performance sensitive mission-critical workloadsthat underpin Digital Transformation, at a virtually unlimited scale.

Proactive investigations automate rootcause analysis of performance issues before applications are impacted

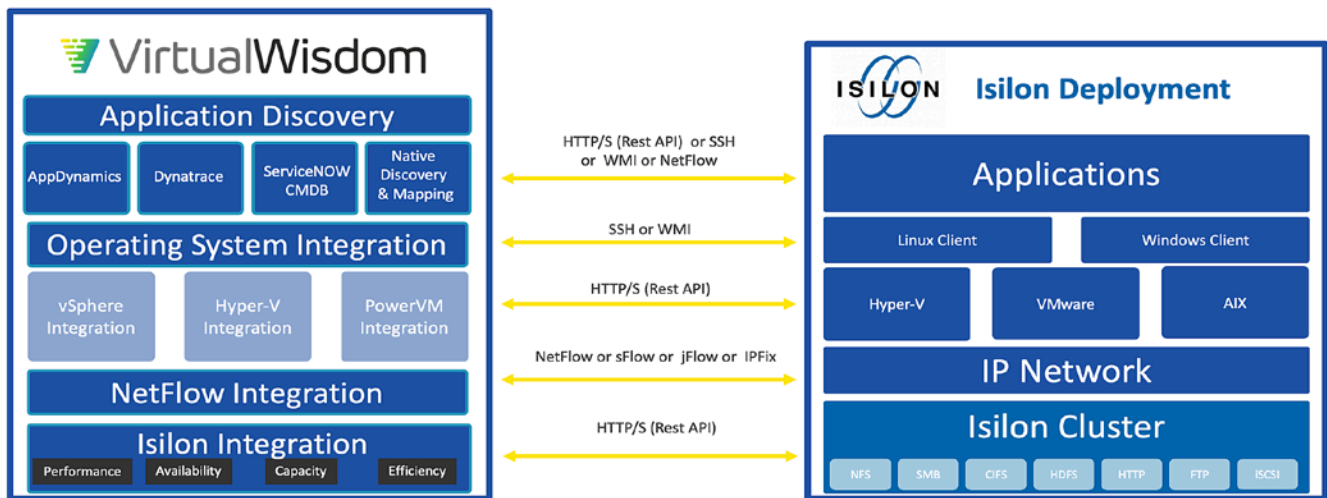## Single-pane-of-glass for your Hybrid Infrastructure

VirtualWisdom starts by mapping Isilon infrastructure and the applications consuming Isilon cluster resources. This comprehensive understanding of the data supply chain provides the basis for rich dashboards that deliver visibility and control to administrators, architects, and executives.

Assure Performance: By monitoring over 1500+ Metrics, along with network and operating system data for Linux, Windows and Solaris in real-time at virtually unlimited scale across any number of Isilon clusters, VirtualWisdom combines dynamic, best practice and custom alarms to assure performance and availability.

Forecast and Proactively Manage Capacity: Correlate short and long-term consumption trends and be warnedproactively of potential capacity issues whether at the client, network, or cluster and nodes.

Solve Problems Fast: Automatically triage, diagnose, and provide actionable issue resolution recommendations before your operations teams are even aware of potential impact.

Logical Architecture to support Isilon Deployments

VirtualWisdom provides a full-stack end-to-end visibility of Isilon clusters, protocol flows, and the applications and servers consuming those resources. This provides comprehensive visibility and unparalleled correlation that makes identification and root cause analysis easy, even for challenging issues. VirtualWisdom assures the performance, availability, capacity and efficiency of Isilon clusters regardless of whether it is a NAS (NFS, SMB or CIFs), Big-Data (HDFS), or other protocols like HTTP or FTP.

VirtualWisdom was built from the ground up as a machine-learning powered analytics platform that goes well beyond the capabilities of traditional AIOps platforms to assure, manage, and balance workloads across Isilon infrastructure.

VirtualWisdom empowers your automation ecosystem by integrating with ServiceNow® incident, change, configuration management processes (including CMDB), while reconciling application understanding from its own infrastructure discovery and application mapping with APM platforms like AppDynamics and Dynatrace. VirtualWisdom's WisdomPack for Software Defined Storage provides license flexibility, out of the box best practices, ease of deployment, and offers visibility and control in minutes, not days.

Learn more about VirtualWisdom | **Contact** a Virtana Expert | **View** more Resources

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