

# What's New in VirtualWisdom® 5.4

## Application Service Assurance | Workload and Capacity Optimization | Problem Resolution and Avoidance

The ongoing requirements of our enterprise customer base continually drives the direction, scalability, and efficacy of our industry-leading Application-centric infrastructure performance management (App-centric IPM) platform. With the release of VirtualWisdom 5.4, every IT persona receives customized dashboards to see just what is relevant to you and your specific teams.

Upgrading to VirtualWisdom 5.4 provides application and infrastructure discovery through deep partner integrations using standard protocols and APIs. A combination of cross-correlated self-learning analytics and wire data acquisition exposes your issues in real-time through management-level and in-the-trenches dashboards and reporting. No agents – ever. And, expansions to our performance-focused Big Data analytics suite gives you greater proactive and predictive management capabilities—allowing you to benefit from the collective best practices of enterprise IT leaders across every industry.

## Highlights of Key Enhancements in VirtualWisdom 5.4

### Application Discovery

Auto-discover and visualize key application services using standard interfaces, including ServiceNow integration, NetFlow analysis, and host integration using SSH or WMI. Robust flexibility allows infrastructure owners to use any of these application discovery integrations or combinations of any depending on specific customer environments.

- Integration with ServiceNow's CMDB
- Application flow discovery via NetFlow
- Process table polling with SSH/WMI

### App-centric SLAs and Alarms

Setting thresholds and alarming is too cumbersome to manually do. A monitoring system that warns you of trouble is no longer good enough.

With VW 5.4 Investigations, users are not only shown the error, what it impacts, but also integrated remediation steps built into the platform itself improve application response times, understand and resolve noisy-neighbors, before they impact your business apps. Visualize the infrastructure services supporting all of your tiered apps from Bronze to Platinum.

- Application tiers
- Tier-based alarming
- Default thresholds for all tiers

### Enhanced Reports/Dashboard

VirtualWisdom 5.4 provides an intuitive summary view of the overall health, performance, and utilization of the entire infrastructure enabling quick determination of problem areas and directional trends. Displays side-by-side KPI and infrastructure metrics and delivers fast ROI from multiple pre-set shareable dashboards and reports.

IT experts and novice users alike now have customizable views of their environment available through our dashboard widgets.

New Visualizations available in 5.4:

- Inventory heatmap
- Single stat and summary charts
- KPI percentile lists

### New Data Sources

VirtualWisdom 5.4 offers direct technology integration to a variety of infrastructure devices and third-party platforms. From Gigamon and Cisco to ServiceNow, our partners share a common vision around the need for an App-centric approach to the management of data center infrastructure. Customers can choose the data sources and integrations that are most relevant to their business.

- ProbeNAS supports monitoring of SMB 2/3 protocol
- Integration with VMware vSAN
- Integration with Dell EMC ScaleIO
- Integration with NetFlow data (NetFlow, jFlow, sFlow, IPFIX)
- Discovery and flow monitoring
- Expanded FC-switch integration (ProbeSW) to include FCoE metrics

## New Analytic – Storage Port Balancer

Identifies overloaded storage ports and makes HBA/Host move suggestions that would rebalance the front-end ports of a Fibre Channel storage array.

- Identifies and resolves underutilized storage ports
- Identify a storage array, and a time range to examine.
- Determines utilization levels for each of the storage ports
- Uses user defined thresholds for over or under utilization
- Examines which hosts are using the overused ports

## New Landing Pages

Enhanced and easy-to-use navigation provides powerful access to the information that your infrastructure and IT workflows demand.

- Integrations (Application, Hosts, VMs, Switches and Storage)
- Inventory (includes Entity Management)
- Reports (Nested folders, hot reports)
- Alarms (categories) and Investigations that offer a guided approach to resolving problems

## New Topologies

Our new Topologies, including views from an application perspective or infrastructure perspective, provide high-level summaries of what is going on in your infrastructure, allowing you to quickly identify emergent issues, and enabling you to understand the impacts and interdependencies between application workloads and infrastructure.

- Visualizes the infrastructure as a system of related entities
- Groups infrastructure entities logically that support application or line of business
- Understands granular performance at an infrastructure entity level
- Identifies alarms and abnormal behavior and in the context of the application the infrastructure supports

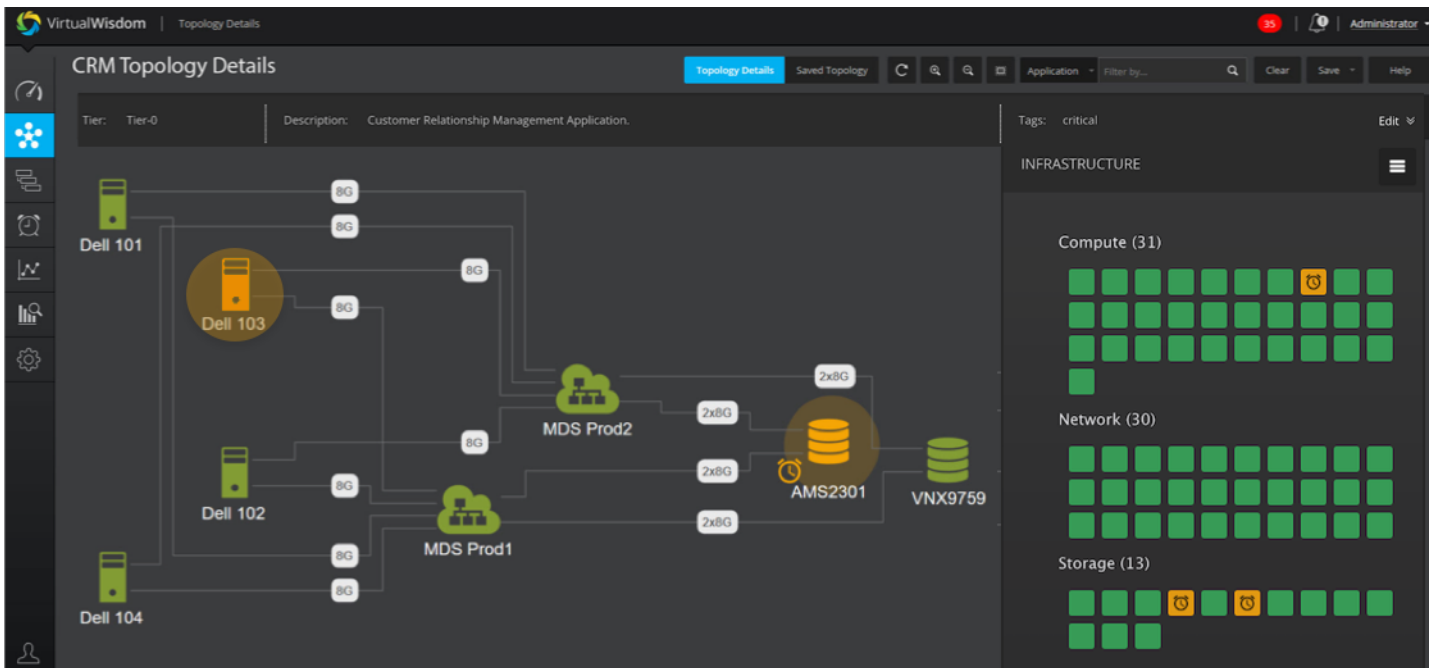


Figure 1: Intelligent Topology Provides Visualization of Application, Infrastructure and storage Health.



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