



# A Technical Overview

By The Goliath Technologies Technical Team

"Administrators have the ability to monitor and report on the storage components of our VMware environment easily and quickly from one dashboard. Administrators can now have a truly proactive and real time approach to monitoring and reporting on the performance of our entire VMware infrastructure with Goliath Performance Monitor."

-Jarian Gibson Virtualization Practice Manager, Choice Solutions



# **Goliath Performance Monitor for VMware vSphere Features:**

- Out-of-the-box plug-in to vCenter
- Real-Time Dashboards and Historical Reports
- Daily Health Check Reports
- One product for VMware vSphere ESX and ESXi Host, VM's, Applications, OS, and Hardware
- Comprehensive alerting on thresholds, events and faults
- Proactive remediation sequences
- ► Advanced troubleshooting with application > user > server correlation

#### Host

- CPU Utilization
- Memory Utilization
- Active, Granted, Overhead, Ballooned, Shared, and Swapped Memory
- Storage Throughput, Latency, and IOPS
- Network Throughput
- Virtual Infrastructure Inventory

#### VM

- VM Started, Off, or Paused Status
- CPU Utilization and Ready
- Memory Utilization
- Active, Granted, Overhead, Ballooned, Shared, and Swapped Memory Storage
- Disk Throughput, Latency, and IOPS
- Network Throughput and Utilization

## **Storage**

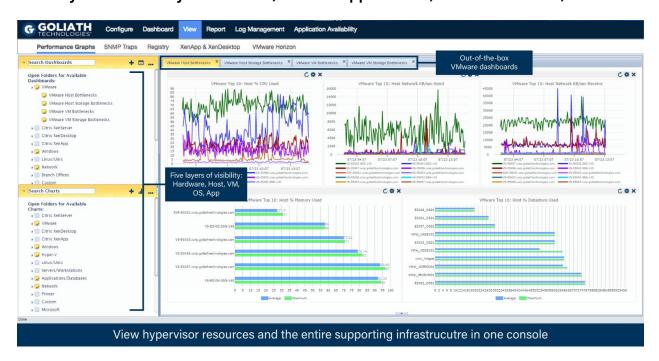
- Utilization
- Virtual Disk Size
- Snapshots, Orphaned VMs, and Wasted Space
- Provisioned, Consumed, and Free Space



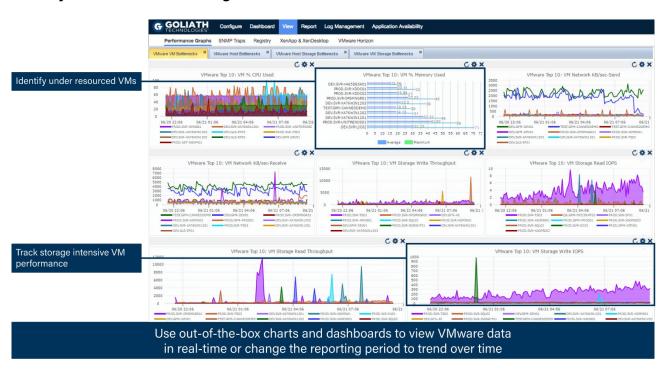
# Proactive Monitoring for VMware vSphere

You can now improve application availability, and eliminate blind spots and false positives, while reducing the complexity of your VMware vSphere virtual environment by using one product to monitor your Host, VM's, Application, OS, and Hardware.

# Five Layers of Visibility - Hardware, OS and Applications, Virtual Machines, and Host

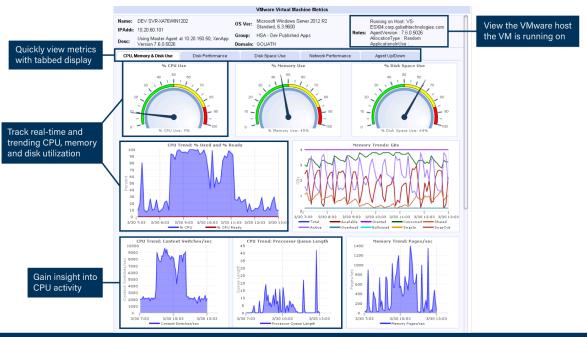


# Quickly Correlate CPU, storage and Network Bottlenecks at a Glance



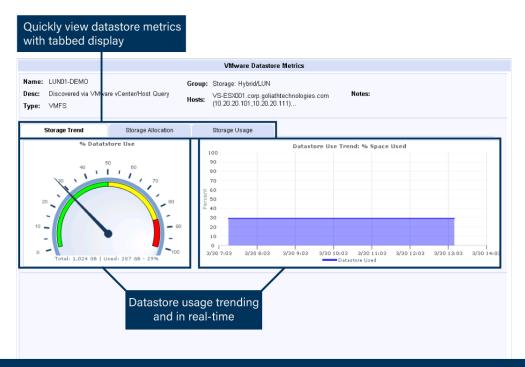


# **Correlate CPU and Memory Utilization**



View real-time and historical CPU, memory, storage and network performance for VMs

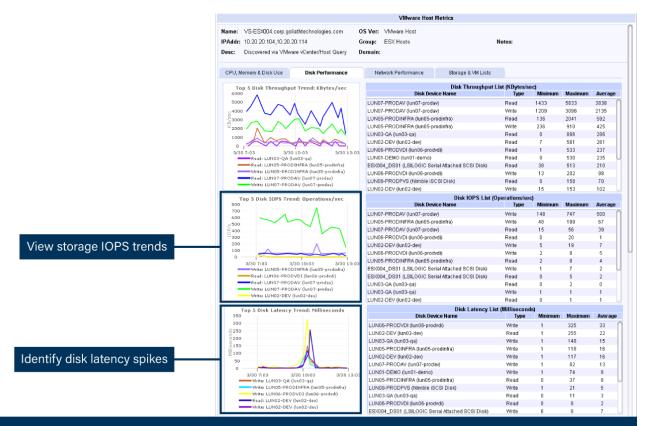
# **Breakdown of Storage Utilization**



Drill into datastore metrics to view utilization and allocation trends

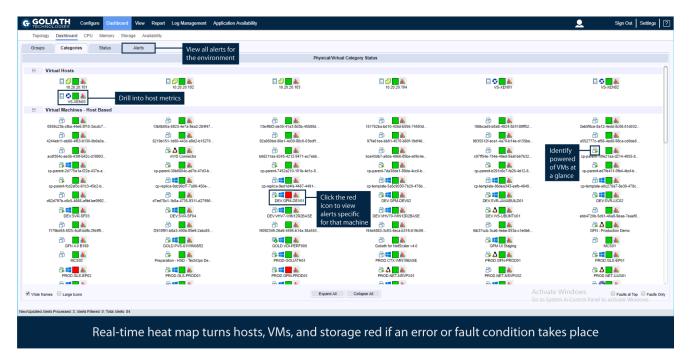


## Real-Time Disk Performance Trends for Hosts and VMs



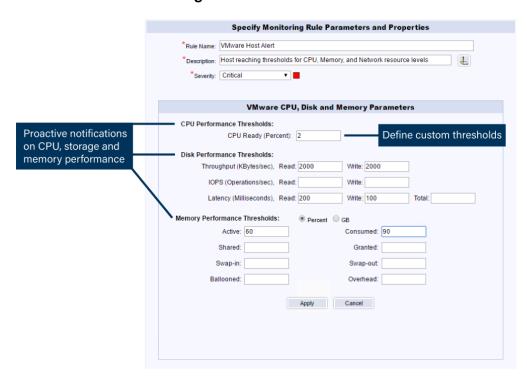
View disk performance metrics and identify bottlenecks over time

# Real-Time Heat Map

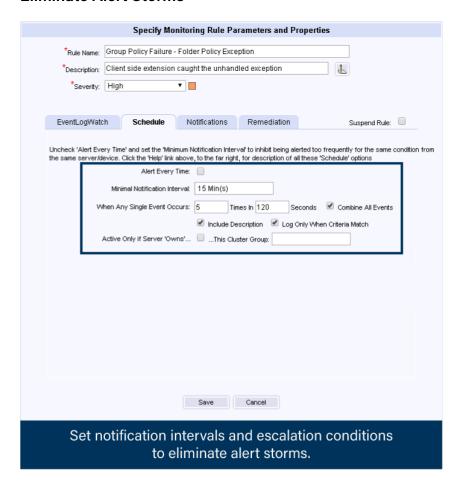




# **Threshold-Based Alerting**



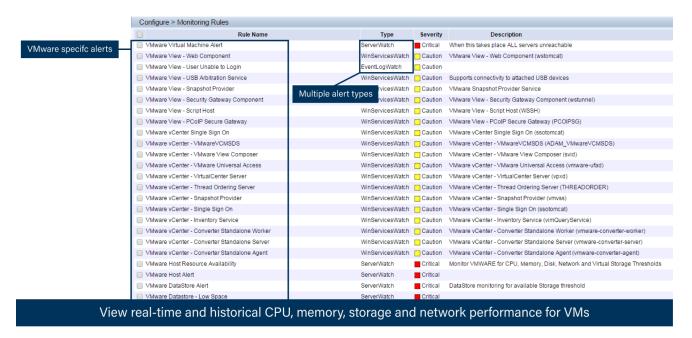
## **Eliminate Alert Storms**



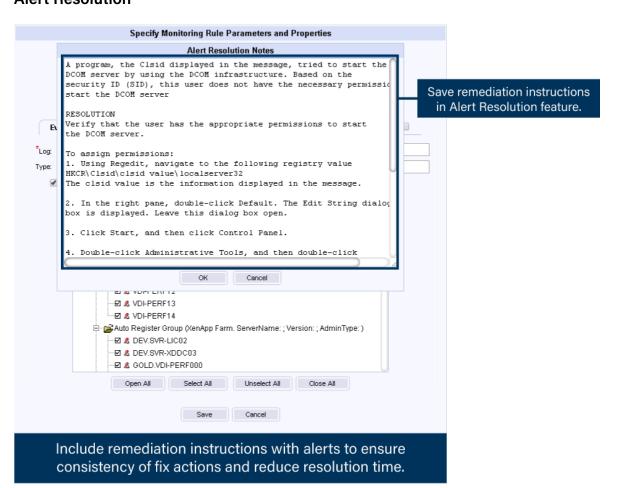
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# **Out-of-the-Box Monitoring Rules**



# **Alert Resolution**





# To see how Goliath can help you improve VMware vSphere end user experience:

Register for a demo: <a href="https://goliathtechnologies.com/schedule-demo/">https://goliathtechnologies.com/schedule-demo/</a>

Send us an email: techinfo@goliathtechnologies.com

Give us a call: 855-465-4284

