

WisdomPack for Cloud Servers

Single pane of glass agentless monitoring for Server Virtualization

VirtualWisdom® WisdomPack for CloudServers is part of the VirtualWisdom full-stack hybrid infrastructure monitoring and analytics platform.



WisdomPack for Server Virtualization

- Proactive dashboards provide a single pane of glass for discovery and monitoring of cloud, physical and virtual servers
- Proactive investigations automate getting to root-cause of performance issues before applications are impacted
- Integration with AppDynamics and Dynatrace provides a full stack view of your application infrastructure in the cloud

Challenges Faced by Application and Infrastructure Teams running Application Workloads on Hybrid Infrastructure

End-to-end visibility is a huge challenge Today, each public cloud you use has unique monitoring tools measuring at different time intervals and at different granularities. This does not provide consistent, end-to-end visibility and it is difficult, if not impossible, to correlate incidents occurring across the hybrid infrastructure.

For example, operations teams resort to VMware vCenter for on-premise monitoring of infrastructure virtualized using VMware, Amazon CloudWatch for monitoring EC2 instances, and Microsoft Azure Monitor for monitoring Azure compute. What is needed is a single dashboard that not only displays metrics collected from the compute instances running in various clouds, but also correlates those metrics across all your infrastructure to derive meaningful insights for running the business at peak efficiency.

IT assets are dispersed across multi-cloud and local datacenters

Some workloads run on-premise while other workloads run in public clouds like Amazon Web Service (AWS) and/or on Microsoft Azure.

Monitoring tools are cloud-specific

AWS CloudWatch enables real-time monitoring of AWS resources like EC2 instances but doesn't support multi-cloud infrastructure monitoring. Similarly, Azure Monitor allows data collection about the operating system on which your application is running, provided it resides on Azure compute.

Benefits of using VirtualWisdom to monitor your Cloud Servers

- A single pane of glass provides a consistent view of assets on-premise and in the public cloud at the same granularity, using the same metrics for all infrastructure
- The VirtualWisdom dashboard monitors compute, networking, and storage (SAN attached, NAS, Software Defined Storage) with an application perspective.

VirtualWisdom WisdomPack for Cloud Servers provides the critical monitoring and analytic capabilities that you need

Application Service Assurance

- Use a single pane of glass to proactively manage and assure application Service Levels across physical, virtual and Cloud Servers
- Proactively assure Cloud Server availability, performance and capacity using agentless monitoring across the datacenter or the cloud

Predictive Capacity Management

- Predict virtual resource capacity trends on Cloud Servers
- Continuously assure that you have the capacity to meet the needs of business-critical applications

Workload Infrastructure Balancing

- Analyze how your end-to-end application workloads behave, both in real-time and historically
- Proactively rebalance your compute infrastructure using the WisdomAI recommendation engine

Problem Resolution & Avoidance

- Isolate and remediate problems such as "noisy neighbors" using guided and automated investigations



VirtualWisdom NAS Performance Probe

Key Monitoring Features		Discovery & Mapping	Agentless Monitoring	Performance Metrics	Capacity Metrics	Best Practice Alarming	Custom Alarming	Intelligent Problem Resolution
Operating System on-premise	AWS Windows & Linux	✓	Compute, Memory, Network, Storage	✓	✓	CPU, Memory, Disk, Latency	✓	Guided Investigations
	Azure Windows & Linux	✓	Compute, Memory, Network, Storage	✓	✓	CPU, Memory, Disk, Latency	✓	Guided Investigations

		AIOps Driven Analytics			
		Application Service Assurance	Predictive Capacity Management	Workload Infrastructure Balancing	Problem Resolution & Avoidance
Operating System	Windows & Linux	✓	✓		✓
Virtualization	vSphere (VMware Cloud on AWS)	✓	✓	✓	✓



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