KEMP Technologies VMware vCenter Operations Management Pack for Virtual LoadMaster

Increasing Application Delivery Visibility

VMware vCenter® Operations Management Suite™ automates operations mangement using predictive analytics and an integrated approach to performance, capacity and configuration manageement enabling IT organizations to get greater visibility and actionable intelligence to proactively ensure service levels, optimum resource usage and configuraiton compliance in dynamic virtual and cloud environments.

KEMP Technologies Virtual LoadMaster™ (VLM), the first vADC, is an advanced L4-7 content switching application delivery controller that enables high avaialbility of applications, SSL offload and intelligent global traffic distribution to direct client requests to the best endpoint across cloud boundaries based on proximity or pre-defined policy.

Enabling Application Delivery Visibility with KEMP Technologies and VMware

vCenter Operations Management Suite (vCOPS) increases visibility for virtual infrastructure administrators across their entire infrastructure. Collection and analysis of performance data, anomaly correlation and root cause identification helps pinpoint and mitigate existing and potential performance problems. Its intelligent framework helps to deliver deep operational insights on the health, risk and efficiency of a virtual infrastructure and the applications that it supports enabling organizations to optimize performance, capacity scaling and configuration.

Application delivery and load balancing are critical services for the successful operation of virtualized application infrastructures. KEMP's Virtual LoadMaster (VLM) application load balancer is leveraged for the high availability and optimization of applications in over 11,000 customer deployments. Integration with vCenter Operations Manager now makes key performance, health and availability indicators of enterprise-wide deployed KEMP VLMs visible in vCOPS, enabling comprehensive monitoring and simplifying application related troubleshooting.

How KEMP's VLM Management Pack Extend vCenter Operations

The LoadMaster vCOPS management pack provides visibility into application performance metrics on deployed VLMs as well as the virtual machines that they are providing application delivery services for. This information provides virtual infrastructure administrators with additional data points to help address application performance issues and identify areas where resource allocation should be adjusted for optimal operations.

Solution Benefits

Enterprise-Wide Visibility

The KEMP vCOPS management pack enables a single pane of visibility for the health and performance of deployed KEMP Virtual LoadMasters.

Simplified Troubleshooting

Key metric presentation for deployed KEMP application load balancers contirbutes to the health moniroting of the infrastructure as well as the root cause analysis of application performance issues.

Resource Relationship

Default relationship mapping between KEMP LoadMaster resource kinds provides a working view of the logical application traffic flow.

VMware Validated Integration with vCenter Operations

KEMP is an industry leader in software-based L4-7 application delivery technology and has maintained a laser focus on providing availability and performance for workloads in virtualized and hybrid cloud environments. This strategy, along with broad integration with VMware technologies has made VLM the virtual ADC of choice in thousands of virtual private cloud customer deployments. KEMP's VMware-validated integration with vCOPS further extends these capabilities and supports increased infrastructure operational visibility.

How It Works

KEMP's vCOPS management pack enables discovery of deployed VLMs and communication with them via REST API. By inventorying their assets (virtual services, real servers, etc.) key VLM-specific metrics can be gathered to identify the health of the overall environment and detect where performance issues may be developing.

Learn More about KEMP's vCenter Operations Management Pack

To learn more about how KEMP's vCOPS management pack for VLM can contribute to operational visibility in your infrastructure and see more of KEMP's solutions for VMware technologies visit KEMP Technologies in the VMware Solution Exchange or the KEMP Technologies website at http://kemptechnologies.com/solutions/vmware.