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OpsLogix
WhitePaper

VMware
Management Pack

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INTRODUCTION

For most companies, virtualization has become the common standard in all aspects of IT. Desktop virtualization, emulators and hypervisors, all contribute to autonomic computing, which ultimately aims to develop computer systems capable of self-management.

VMware is a pioneer in virtualization and policy-driven automation as well as a leading business virtualization infrastructure provider. It offers a proven, trusted and reliable platform for building private clouds and federating to public clouds. VMware can simplify IT complexity across the entire datacenter. The ability to maintain service health is crucial for any business or industry reliant on its IT infrastructure.

Through timely alerts, components can be replaced or updated before they adversely affect commercial business operations. System Center Operations Manager enables IT enterprises to reduce the costs of data center management in any server operating infrastructure. System Center Operations Manager's fundamental principle is to provide a clear, easy-to-use interface for complete end-to-end monitoring. It is capable of monitoring thousands of servers, applications and clients, while delivering a comprehensive view of the health of an IT environment.

The OpsLogix VMware Management Pack monitors vCenter availability and is designed to provide business-critical monitoring of your VMware vSphere environment.
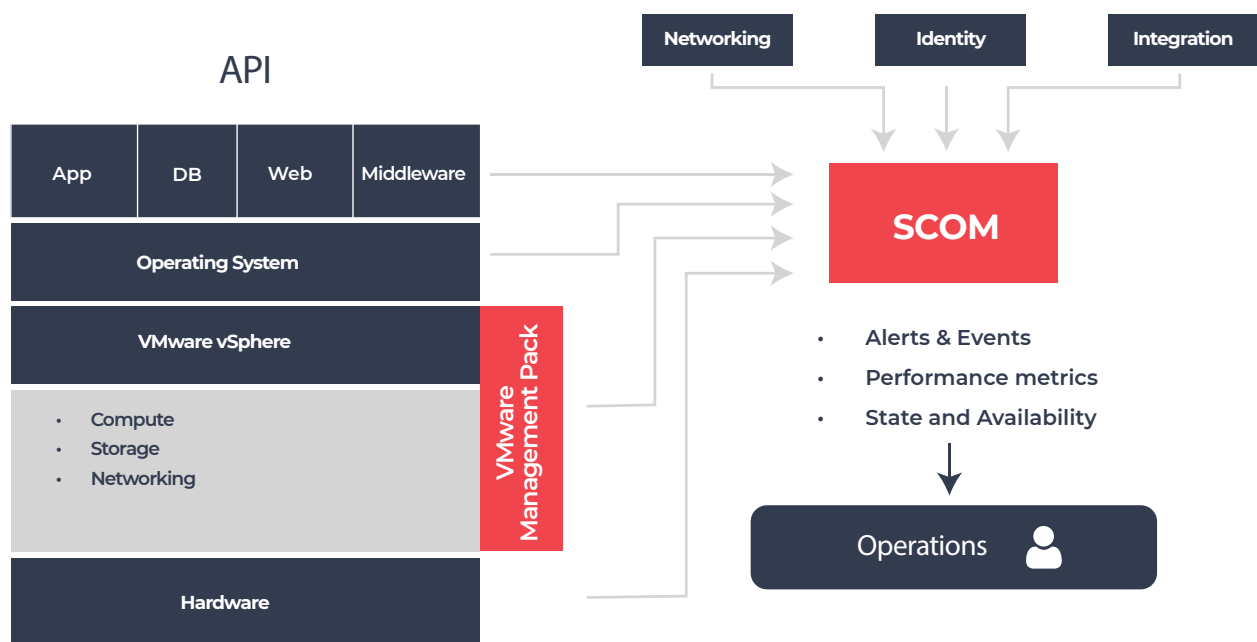
This white paper is written for policy makers, IT managers and IT administrators who work for any enterprising company with an IT infrastructure. A prerequisite is that the company uses Microsoft System Center Operations Manager and VMware vCenter/ESXi 5.0 or higher.

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OPSLOGIX VMWARE MANAGEMENT PACK – AN OVERVIEW

The OpsLogix VMware Management Pack efficiently monitors VMware components and systems in your IT environment. The VMware Management Pack contains best practice knowledge to monitor, troubleshoot, report and help resolve problems within a System Center environment. In general, OpsLogix's software development is based on close partner relations and successful implementations of our Management Packs in a variety of enterprises, such as service providers, financial companies and a variety of government institutions. The VMware Management Pack is no exception.

VMware is a modern software-defined technology, also known as virtualization, and the first step toward the Software-Defined Data Center. Each virtualized application and its operating system are encapsulated in a separate, isolated software container called a virtual machine (VM). Many VMs can be run simultaneously on each server, putting most of the hardware capacity to productive use.

OpsLogix believes in providing simple logical solutions to optimize functional environments. By augmenting an already established monitoring platform, namely System Center Operations Manager, it is efficiently able to parse all the alarms from vCenter to the Operations Manager as Alerts

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BUSINESS BENEFITS

System Center Operations Manager is widely adopted by organizations with a Microsoft centric IT for a holistic view of the IT-landscape. SCOM enables you to monitor services, devices, and operations in a single console. You can gain rapid insight into the state of the IT environment and the IT services running across different systems by receiving alerts and using numerous views providing insight into health, security, performance, or configuration issues affecting the health of the service.

For organizations utilizing VMware as their virtualization platform, vSphere is a critical component in the delivery of their IT services. OpsLogix encourages organizations to use System Center Operations Manager to monitor VMware vSphere in the same way as they do with other infrastructure and application components. This enables you to benefit from the same alerting possibilities for your VMware installation as for Windows Server, SQL Servers, Active Directory etc., thus receiving all alerts for your critical applications in one place

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BUSINESS BENEFITS

WHY OPSLOGIX VMWARE MANAGEMENT PACK?

COST-EFFECTIVE

A game-changer with OpsLogix's VMware Management Pack is its price. You can decrease reoccurring expenses for IT-monitoring and still retain business-critical data collection such as alerts, events and performance data in SCOM. OpsLogix's VMware Management Pack delivers business-critical monitoring of VMware components for 1/5th of the competitors price.

TRUSTED

OpsLogix was established in 2009 and has developed Management Packs for over ten years, as well as creating various add-ons for SCOM. The products are tried and tested by organizations of all sizes working with the System Center Suite and OpsLogix is a recognized leader within this area. A strong combination of both software and professional, managed services (if desired) ensures a more efficient IT delivery.

FUTURE PROOF

We build for the future! With multiple releases every year, the OpsLogix VMware Management Pack is a future-proof option for your organization. For example, the latest release of VMware vSphere 7 is supported. At Opslogix, we believe in continuous improvement and high-quality personal support in order to deliver the best products for you.

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OPERATIONAL CONFIDENCE

Working with OpsLogix and VMware Management Pack customers will get personal contact, offered a tried and tested onboarding service and a continuously developed product. For us it is of great importance that our customers and partners feel confident and secure when working with VMware Management Pack. Therefore we guarantee:

SIMPLE TO SET UP AND CONFIGURE

With our Management Pack, you are up and running in minutes. No external software or connectors are needed, and all components are self-deploying. All installation and configuration processes are wizard-based.

ADMINISTRATION THROUGH A GUI OR POWERSHELL

Although the installation process and configuration are all wizard-based, if you require automated configuration of hosts and connections, we provide PowerShell scripts to help you accomplish this task.

TRUSTED BY OTHERS

Our VMware Management Pack is initially designed with large enterprise environments in mind. Currently, our customers monitor large installations with a low-performance footprint in SCOM.
Many of the largest enterprises in the world already put their trust in our Management Pack to ensure cost-efficient, business-critical monitoring of their client's VMware environments.

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OPERATIONAL CONFIDENCE

SCALE-OUT AND LOAD-BALANCING

The OpsLogix VMware Management Pack supports scale-out and load-balancing for significant work-loads. These enterprise features will ensure that your business is able to run an efficient and highly-available monitoring solution in SCOM.

LOW PERFORMANCE FOOTPRINT

To ensure a minimal performance footprint in SCOM and VMware, our VMware Management Pack utilizes an advanced collector with an intelligent caching mechanism. Only detected changes get forwarded to SCOM for processing, and all monitors use optimized performance collection.

ONGOING DEVELOPMENT

The OpsLogix VMware Management Pack is under continuous development and we are constantly adding new features and support for the latest versions of VMware vCenter and ESXi. An investment in our Management Pack should be a confident decision to ensure that you will have the best support and features for the future.

PRIORITY SUPPORT

As an Opslogix customer, you get priority support, as well as priority when requesting new features for the VMware Management Pack. Our goal is to ensure that you can deliver the best possible experience for your VMware monitoring.

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CASE STUDY

Quick Facts:
Industry: Service Provider
Size: > 50.000 employees
ESXi Sockets: 2000
Virtual Machines: 18.000
Money saved: € 780.000

CHALLENGE

A global IT service provider with an international client base, consisting of companies across all industry sectors, uses VMware as their virtualization platform.

The customer already had a VMware Management Pack imported in their SCOM environment but with an operating expense disproportionately high in relation to their total IT budget. The cost for VMware monitoring was pulling resources from other possible uses within the IT organization
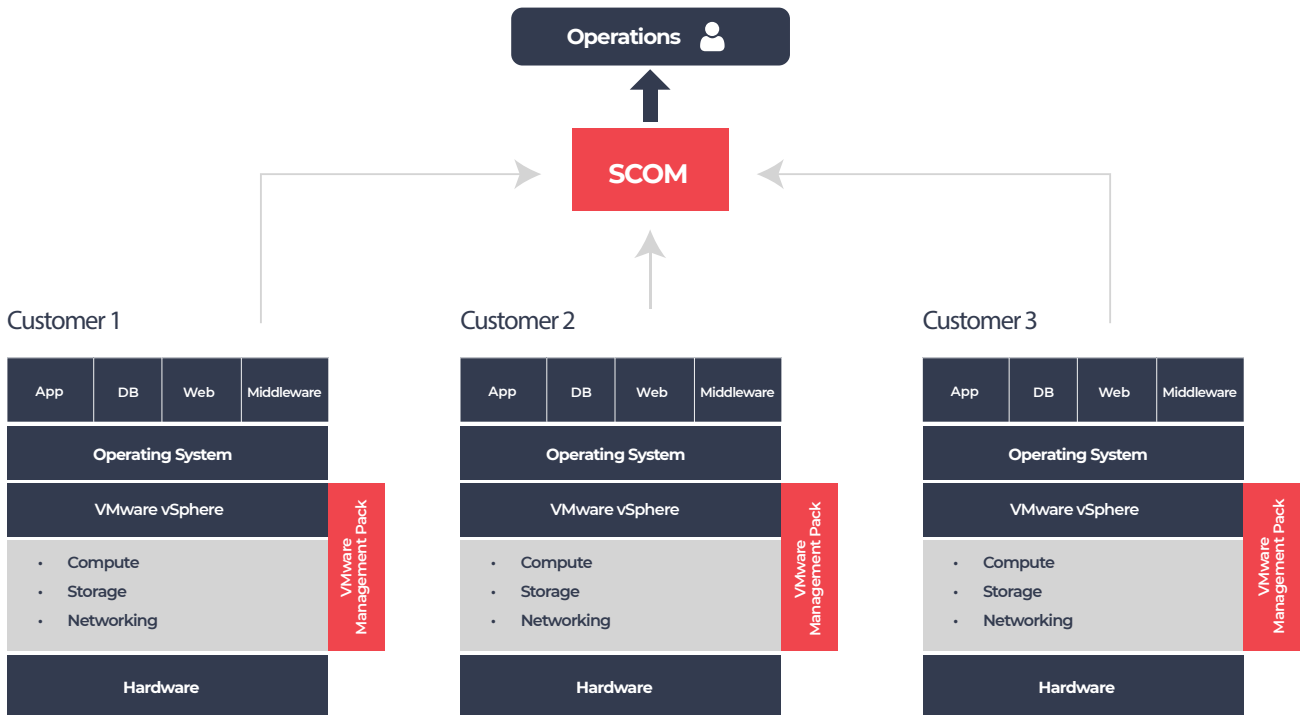
SOLUTION

The customer chose to download the Opslogix VMware Management Pack and completed a successful 30-day trial. By making use of the free Opslogix onboarding services, they were able to configure and transition from the previous VMware monitoring Management Pack to the OpsLogix VMware Management Pack within a week.

The OpsLogix VMware Monitoring Pack allowed the customer to have a solution with full monitoring manageability and insight, while having a consistent and low operational expense because of a dramatically reduced cost in software licensing and total systems hardware requirements.

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Service Providers

Operations

SCOM

Customer 1

App	DB	Web	Middleware
Operating System			
VMware vSphere			

- Compute
- Storage
- Networking

VMware Management Pack

Hardware

Customer 2

App	DB	Web	Middleware
Operating System			
VMware vSphere			

- Compute
- Storage
- Networking

VMware Management Pack

Hardware

Customer 3

App	DB	Web	Middleware
Operating System			
VMware vSphere			

- Compute
- Storage
- Networking

VMware Management Pack

Hardware

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CONCLUSION

The OpsLogix VMware Management Pack is a software solution that successfully monitors a VMware infrastructure through System Center Operations Manager. It does this by efficiently gathering data from VMware vCenter and presenting it in the System Center Operations Manager console. The key feature is its simple design, which enables Operation Manager Administrators and architects to monitor critical functionality of their VMware environments without introducing unnecessary complexity.

There are three main differentiators/benefits associated with the OpsLogix VMware Management Pack:

▶ Competitively priced

▶ Continuous development

▶ Focus on VMware and thus a large customer base

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Want more information on how to get started?

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