VMware vRealize Operations for Horizon

AT A GLANCE

VMware vRealize[™] Operations for Horizon[®] provides end-to-end visibility into the health, performance and efficiency of virtual desktop and application environments from the data center through to devices. It enables desktop administrators to proactively optimize end-user experience, avert incidents and eliminate bottlenecks. Designed for VMware Horizon 6, vRealize Operations improves IT productivity and lowers the cost of owning and operating virtual desktop and application environments.

KEY BENEFITS

- Comprehensive visibility into the performance and health of Horizon 6 environments eliminate bottlenecks and improve user experience to enhance workplace productivity.
- Intelligent automation of root-cause analysis and autocorrelation of monitoring data across the entire stack reduces troubleshooting times and improves team productivity by up to 50 percent.
- Self-learning analytics that notify desktop administrators of impending issues before they impact end users enables proactive management and process improvements.
- Out-of-the box reporting and remediation commands help ensure compliance and enhance SLAs.

commenda	itions 🧧 🐥 Vi	ew Overview	View Infras	tructure 🌯 🤞	View Users	👌 View Remot	Sessions 👘 👶 View VDI Pools 🁘 👶 View RD	18 Pools 👘 👌 View TS Pools 👘 👌 View Applicatio
View Alerts R / 7							Pod Indicator Metrics x /	
	1911 P Y C				wardh:		Pcd Health	Pod Workload
uration Drs. 42a	Worst Sub Contain	in Alex Impact	Resource ld dobb#24-0d5	Resource Name	Resource Kind Application Ses	Resource Identifier RDS-2012-APPS, I		
10.60	urray and instal		a114x28.047	FUC:005/052	Vew Connect	PUC/005/052 N	25 %	60 %
10.62	www.entiteer.	Hoalth	21307605-044	W2-VEW5501	Vew Security	W2-VEW3501, 34	Pod Connected Sessions	Pod Disconnected Sessions
10:310:425	Owier-EUC-D.	Health	20805910-088	VDI Environment	Vew Environm	VDI Environment	5 SESSIONS	84 SESSIONS
11:0611:425	vervarentivski		50508A7-5501	Blast Sessions		VEV ORDER Blass	Pod Average PCeIP Latency	Pod Average PCoIP Packet Loss
14 4 1	[i i Page 1 of 1 > i) 2 Displaying 1 - 37 of 37						1	
View Pods x / 7						106.78 MS	0%	
Q- P	(월 = 관·· 10) 10 H 월 · ♡ PerPage: 52 × Search: >>						Pod PCoIP TX Bandwidth	Pod PCoIP RX Bandwidth
Namo	Description	Adapter Kind	Resource Kind		Creation Time	Maintenance Sc	2.201 KBIT/SEC	5.323 KBIT/SEC
Gluster-EUG	-D	WH Adapter	View Pod	Default Policy (July 28, 2014 1	L		Pod Avg Session Reconnect Time
								·
14 4 F	tage 1 of 1 i	н н і 🕭 👘			c	Sisplaying 1 - 1 of 1		7.476 SEC
Pod Seasio	in Mobiles					2.2.9	Pod Capacity Metrics	×./
e ^p ≁ I C	R+ C 11+ ≤ Cusw-EUC009-CS1					EUC-DOG-CS1	Pr C 11 + 8 Cuse-EUC-003-C81	
Pod Tetal Sea	sione		89 sessions				Session Capacity Used	6.6 N
Pod Connected Sessions 5 sessions						Usable Session Capacity 1,	353 sension	
Pod Disconnected Sessions 94 sessions						Has Senior Opacity 1,	358 session	
Connected Desirop Sessions 4 sessions						Mai V01Desktop Ospacity	108 desktops	

vRealize Operations dashboard provides comprehensive visibility into VDI environments.

Business Challenges

Organizations are turning to desktop and application virtualization to support end users with secure access to corporate services across devices, locations, mediums and connections. However, in order to provide these employees with the best possible experience at scale, IT organizations need to ensure that the storage, networking and compute used is adequately sized, tuned and –where necessary—remediated. This also applies to end user's desktops and applications. Slow log-in times or poorly performing applications can severely impact workplace productivity. To optimize user experience, IT needs to be able to proactively anticipate problems from the datacenter through to the very desktops and applications that employees are using today.

Challenges with Traditional Tools

While many traditional operations-management tools and processes exist and claim to tackle these challenges—the majority are not well suited for managing large VMware Horizon (with View) deployments, because:

- They are not equipped to deal with large data sets and cannot provide the quality of alerts needed across most deployments.
- They only provide a partial view into an environment and don't adapt over time to understand what is normal and what is not.
- They lack the end-to-end visibility into the performance and health of the entire stack—including servers, storage, networking, as well as desktops and applications.

Solution Overview

VMware vRealize Operations for Horizon is optimized for Horizon 6—and allows IT to meet these challenges head on—while improving operational efficiencies and user experience, reducing operating expenses and improving infrastructure utilization.

Key features include

- Patented self-learning analytics that adapt to your environment, continuously analyzing thousands of metrics for server, storage, networking and end-user performance.
- In-guest metrics for application performance to ensure end users have the best possible users experience.
- Comprehensive dashboards that simplify monitoring of health and performance, identify bottlenecks, and improve the infrastructure efficiency of your entire Horizon environment.
- Dynamic thresholds and "smart alerts" that notify administrators earlier in the process and provide more-specific information about impending performance issues.

- Automated root-cause analysis, session look-up and event correlation for faster troubleshooting of end- user problems.
- Integrated approach to performance, capacity and configuration management that supports holistic management of virtual desktop and application operations.
- Out-of the box reporting on usage and license metrics and pre-configured commands for quick remediation.
- Design and optimizations specifically for Horizon 6.
- Available as a virtual appliance for faster time to value.

Business Benefits

IT organizations that manage Horizon 6 deployments with vRealize Operations for Horizon can benefit from

- Lower operating costs Improve staff productivity by up to 50 percent and infrastructure efficiency by up to 30 percent
- Faster time to value Move and scale out your production environment virtual desktop and applications more quickly.
- Better end-user experience from any device Provide infrastructure and desktop administrators with comprehensive visibility into virtual desktop operations and infrastructure, enabling them to eliminate performance problems before they impact end users.

Which Teams and Managers Can Benefit from vRealize Operations for Horizon?

vRealize Operations for Horizon helps a wide spectrum of IT and business teams, as well as their managers, to meet business objectives:

- Vice president of desktop infrastructure Achieves lower operating costs while delivering better quality of service to end users.
- Manager of help desk team Gains from automated troubleshooting and better visibility into end-user sessions and back-end infrastructure performance, leading to faster mean time to resolution (MTTR).
- Manager of virtual infrastructure and operations Achieves improvements in team productivity with fewer fire drills and a more proactive management of infrastructure, desktops and applications.
- Virtual infrastructure and desktop administrator Gains better insight into all aspects of the infrastructure, including normal behavior, health issues and nascent performance bottlenecks.

Unlock the Potential of Virtual Desktops and Applications

VMware vRealize Operations for Horizon enables IT organizations to seamlessly monitor and remediate virtual desktop and application environments at scale. Ideal for IT organizations looking to deploy virtual desktops and applications to 1,000 or more end users, vRealize Operations for Horizon is uniquely positioned to address the management and operations challenges that traditional monitoring tools and processes cannot solve. VMware Horizon 6 together with vRealize Operations deliver a lower cost of ownership, faster time to market and better end-user experience for organizations across the globe.

Find Out More

For information or to purchase VMware products, call 1-877-VMWARE (outside North America, +1-650-427-5000), visit http://www.vmware.com/products or search online for an authorized reseller. For detailed product specifications and system requirements, refer to the VMware vRealize Operations documentation.

vmware[®]

VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001 www.vmware.com

Copyright © 2014 VMware, Inc. All rights reserved. This product is protected by U.S. and international copyright and intellectual property laws. VMware products are covered by one or more patents listed at http://www.mware.com/go/patents. VMware is a registered trademark of VMware, Inc. in the United States and/or other jurisdictions. All other marks and names mentioned herein may be trademarks of their respective companies. Item No: VMW3600-DS-vREALIZE-OPS-HORIZON-USLET-103 10/14