

Gain Control Over the Software Defined Data Center

ExtraHop + VMware Partner to Deliver Visibility and Intelligent Management

The Software-Defined Data Center (SDDC) presents countless opportunities—but it also requires a radical re-thinking of how IT is delivered and how systems are monitored. With unprecedented amounts of data traveling across both physical and virtual environments, legacy NPM and APM tools are no longer sufficient.

Virtualization further abstracts the changes occurring within the data center through micro-segmentation, software-defined networking, and proliferation of virtual machines. This evolution makes complete IT control and visibility critical. Merging the power of ExtraHop's wire data analytics with the flexibility and scale of the VMware vRealize suite, organizations gain new levels of insight along with the tools to respond quickly and effectively to these inevitable changes.

At-a-Glance

Ease of Deployment

- The ExtraHop vRealize Orchestrator Plugin streamlines the deployment of ExtraHop virtual appliances to significantly increase the time-to-value of wire data analytics.
- Discovery of all VMware virtual switching is easy with the ExtraHop vRealize Orchestrator Plugin.
- Auto-discovery and classification of applications, micro-segments, VLANs, and devices.
- Integration with ExtraHop and VMware vRealize Operations enables key metrics reporting in a centralized pane of glass that VMware customer use on a daily basis.

Operational Monitoring

- Understand the performance impact of SDDC orchestration. As virtual environments scale, ExtraHop provides performance metrics in real-time.
- Identify overlay of network technologies with decapsulation for VXLAN, NVGRE and other tunneling protocols.
- Monitor application workloads as they migrate across the data center. Insight into the workload performance along the migration path.
- Map relationships between systems based on observed communications.
- Validate security policies are in place for new network segments by observing the node behavior before and after policies have been applied.

ExtraHop and VMware make it easier to remain in control as an organization transitions into the software defined world. Only ExtraHop provides visibility across virtual, physical, and cloud infrastructure using the power of the network to deliver structured wire data. When combining rich wire data with the vRealize Suite's extensive management capabilities, customers have the power to transform IT practices and take advantage of the promises of the SDDC.

Automate Deployment

Dynamic and on-demand visibility across environments

ExtraHop provides a series of workflows that, when using vRealize Orchestrator, simplify the deployment of ExtraHop and collection of all virtual switches within the SDDC. This gives IT operations teams a complete view of the environment as it evolves. The automated configuration allows users to begin collecting and analyzing wire data from VMware environment within minutes. ExtraHop auto-discovers and auto-classifies every asset within an IT environment, and with the VMware vRealize integration, rich wire data is available on-demand and self-service. These capabilities provide unparalleled visibility across micro-segments, the cloud, and make it easier than ever before to manage enterprise-scale virtual environments.

Visualize Wire Data

New levels of insight, all within a familiar VMware management console

Wire data offers unparalleled visibility, speed, and scale across all environments. With this integrated offering, the ExtraHop Platform for vRealize Operations Suite allows customers to explore, correlate and visualize wire data and machine data for a complete picture of an IT environment, all within the familiar VMware interface. Whether it's application and infrastructure performance monitoring, device/user interactions, or critical business-level transactions, no other partnership delivers this level of visibility for IT intelligence and business operations.

Intelligent Automation

Minimize errors and automatically respond to change

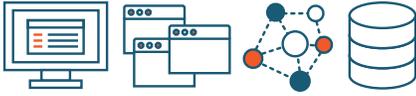
Experiencing issues with IT visibility is the first step to fixing them, but until now, the ability to automate the remediation of those issues has been difficult. With the integration of the ExtraHop Platform and vRealize Operations Suite, customers gain access to the most comprehensive data source. When a problem is auto-detected in ExtraHop, an automatic alert is triggered that will prompt immediate action in the VMware platform. With this level insight and automation, IT organizations can ensure consistency across physical and virtual environments, and provide the reliability your business demands.

Getting Started



Deployment

Accelerated deployment of ExtraHop virtual appliances provides access to wire data analytics within minutes.



Cross-Tier Visibility

Get a comprehensive picture your entire environment and correlate data from any tier, including VMs, applications, operating systems, network and storage.



Combine Wire Data and Machine Data

Augment your existing VMware visibility by correlating rich, network-based wire data with machine data in the vRealize Operations console.



Intelligent Automation

Automate responses to alerts seen in ExtraHop with vRealize Operations for immediate problem resolution.

ExtraHop + VMware

Longstanding partners, VMware and ExtraHop are deepening the relationship to deliver intelligent visibility and automation from the richest and broadest source of IT data – machine data via wire data. From automating data acquisition with on-demand discovery of virtual switches using VMware vRealize Orchestrator™ to visualizing data within VMware vRealize Operations™ (VROPs), ExtraHop and VMware make it easier than ever before to harness the power of your network to conduct smarter, agile IT operations. ExtraHop is a vRealize Operations partner as well as a TAP Elite Partner.

VROPs & vRealize Orchestrator



ExtraHop



Gain the insights you need to take control of your Software Defined Data Center today. Sign up for your free trial and leverage VMware validated workflows to deploy ExtraHop in minutes. Visit www.extrahop.com/lp/vmware