

HP Virtualization Performance Viewer for HP OneView



Extending HP OneView with capacity optimization



- **Unified view** of your physical enclosure and virtual cluster layout
- **Assess risk** to your cluster deployments
- **Reclaim waste** and lower cost with optimization analysis
- Manage and plan for capacity with forecast and **what-if modeling**

Siloed processes are making it increasingly difficult for infrastructure administrators to manage their infrastructure efficiently and meet the demands of the business.

- What is the impact of bringing down a server or an enclosure?
- What is the risk to my current environment due to non-ideal cluster configurations?
- Are my clusters well balanced to handle planned or unplanned downtime?
- Do I have enough infrastructure resources to meet future capacity needs of my business?

If you are faced with these questions, you require:

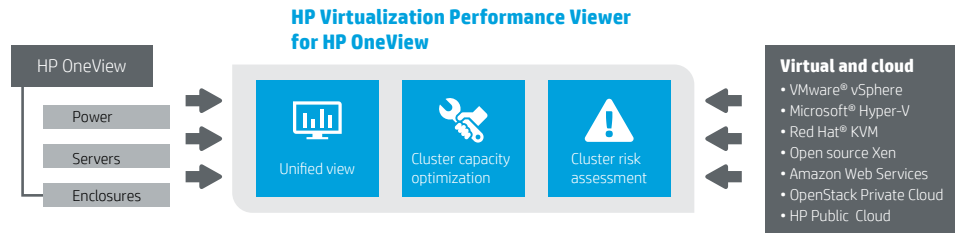
- A unified view of the physical and virtual infrastructure layouts
- A capacity optimization engine that is able to forecast and model future capacity needs
- A platform to assess infrastructure risk and remediate before downtime strikes

This can be achieved by capacity optimizer capabilities in HP Virtualization Performance Viewer (vPV).

HP vPV is a heterogeneous virtualization and cloud-ready, enterprise-class software that helps you maintain the fine balance between keeping the operational efficiency of your physical and virtual environment high while also lowering capital and operational expenditures by providing right-sizing information for better utilization of your environment.

With seamless integration to HP OneView, HP vPV complements the single-pane-of-glass manageability for the physical infrastructure elements (servers, storage, and networking) offered by HP OneView with the capacity optimization capabilities for physical, virtual, and cloud.

Figure 1. Capacity optimization with HP vPV for HP OneView



Virtualization and cloud ready

HP vPV is vendor neutral and supports a variety of hypervisors, and private and public cloud environments. This provides a consistent way of triaging and diagnosing performance problems, modeling future capacity requirements, as well as assessing risk to the business services due to planned or untimed downtime of physical hosts or enclosures.

HP vPV supports VMware vSphere, Microsoft Hyper-V, KVM, Open source Xen, Amazon Web Services public cloud, and OpenStack Private Cloud deployments.

15 minutes to value

HP vPV abstracts the complexity of virtualization resulting in seeing value in just 15 minutes. The intuitive user interface and minimal configuration for administration negates the need for an expert to get started. Once deployed, the intuitive interface allows you to choose between viewing your environment at a high level of abstraction and drilling down into an individual virtual machine for granular information.

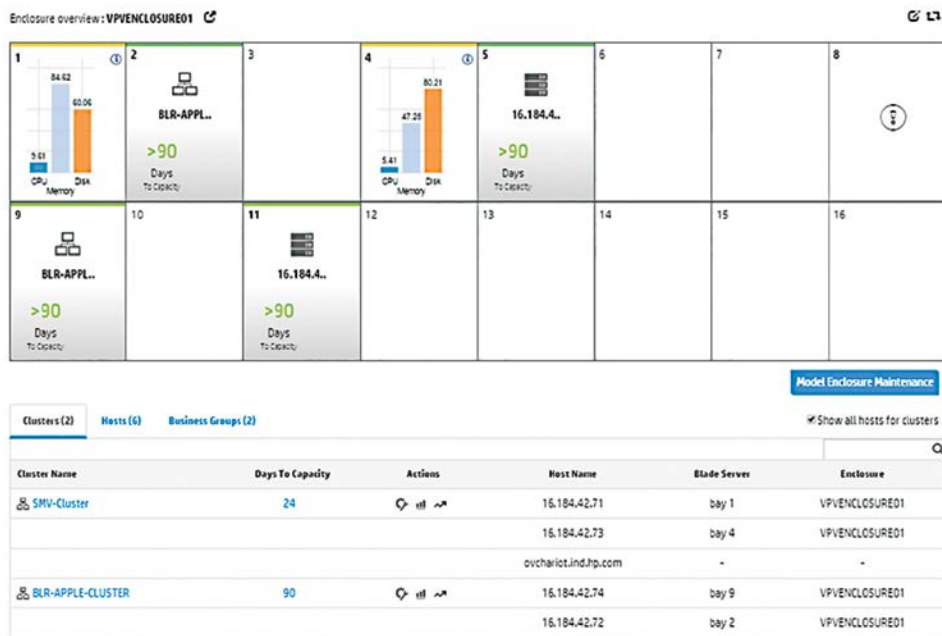
Plan for your business growth

Why buy new infrastructure if your existing infrastructure can support future planned workload growth? HP vPV helps you plan for the future, taking into considering your current and projected workload needs. Our forecasting algorithms are designed to factor in momentary peaks or troughs in utilization so that they do not affect the overall capacity forecasting recommendations.

Seamless HP OneView integration

An enclosure-level view with an overlay of virtualization cluster layout empowers your infrastructure administrator to assess the risk of a planned or unplanned downtime of a server or the entire enclosure on clusters or business groups served by that server or enclosure. Powered with this information, the infrastructure administrator can choose to rebalance or flex the cluster to enable optimal configuration for better workload performance.

Figure 2. Unified view of virtual infrastructure overlaid on physical infrastructure



Enterprise-class, integrated solution

HP vPV is designed to support small operating environments to large deployments. While HP vPV can operate as a standalone product, it can also be easily integrated with other HP products such as HP OneView, HP Operations Bridge, HP Cloud Service Automation, and HP Operations Orchestration so that you can leverage your investment in HP. Also, HP vPV exposes REST APIs to integrate into other vendor products as well.

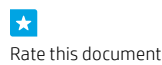
How do I get started?

- Read HP vPV capabilities [blogs](#)
- Download a free 60-day trial for your full environment
- Contact your HP representative or authorized channel partner today to purchase HP vPV

Product number	Description	License unit
M5R19A	HP Virtualization Performance Viewer for HP OneView LTU	Server
M5R19AAE	HP Virtualization Performance Viewer for HP OneView E-LTU	Server

Learn more at hp.com/go/vpv

Sign up for updates
hp.com/go/getupdated



© Copyright 2015 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Microsoft is a trademark of the Microsoft group of companies. Red Hat is a registered trademark of Red Hat, Inc. in the United States and other countries. VMware is a registered trademark or trademark of VMware, Inc. in the United States and/or other jurisdictions.

