

# HPE Cloud Optimizer

Capacity and performance are more critical and complex than ever.

There's no stopping the evolution of enterprise IT and the data center. Adoption of virtual and hybrid cloud environments is the new reality, but with it comes new challenges. Because these new environments are dynamic, solving capacity and performance issues is more complex. The cloud administrator is now faced with:

- Fragmented visibility
- Inconsistent or poor performance
- Capacity problems due to misallocation of resources
- An inability to align capacity with business needs

The need for capacity optimization and improved performance has reached a critical peak.

## A simpler, faster, and better approach to optimization

HPE Cloud Optimizer is here to help. Cloud Optimizer is a unified capacity management and performance tool that enables you to monitor, troubleshoot, and optimize hybrid cloud environments quickly, efficiently, and with rapid results.

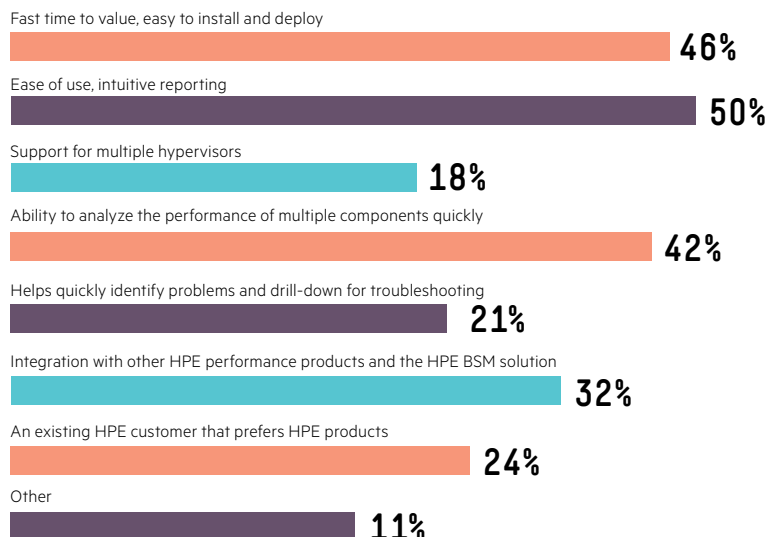
## At-a-glance visibility real-time insights

Cloud Optimizer's unified dashboard provides comprehensive insights into capacity, performance, and health across hybrid cloud environments. With this consolidated insight you can optimize your infrastructure and quickly solve virtualization and cloud performance issues. Cloud Optimizer works with multiple hypervisors and private and public cloud environments including HPE Helion OpenStack, VMware®, Microsoft®, Hyper-V, KVM, Xen, OpenStack®, and Amazon Web Services.



## Reasons to use HPE Cloud Optimizer versus other vendors

What are the reasons for choosing HPE Cloud Optimizer over virtualization management tools offered by other vendors?



Research by:



**Note:** This is a multiple choice question—response percentages may not add up to 100. Source: Survey of 72 users of HPE Operations Management.

## Key features

### Unified dashboard

Monitor performance, capacity, and health at-a-glance

### Capacity optimization

Plan for growth and optimize capacity with historical usage data, forecasting, and what-if modeling

### Performance management

Quickly detect and resolve issues with extensive troubleshooting and out-of-the-box reporting options

### Business metric analysis

Create logical groups, extract insights, assess impact, and plan for capacity allocation

### Resource metering

Meter usage and cost, and estimate savings from right-sizing recommendations

### Integration

Gain unified insight into performance, topology, and risk assessment with seamless integration with HPE Cloud Service Automation, HPE Business Service Management, and HPE OneView

## Capacity and forecast— information you can plan on

HPE Cloud Optimizer offers several ways to optimize capacity and plan for growth.

- Forecast reports help identify days to capacity based on historical consumption.
- What-if modeling simulates future workloads to help manage virtual capacity.
- Placement and optimization functionality helps optimize for future demands and right-size the environment.

- Business metrics analysis helps assess the impact of changing business conditions and plan for capacity allocation.
- Resource meter feature helps meter resource allocation and cost incurred per line of business or department.

HPE Cloud Optimizer's capacity optimization, planning, and performance monitoring features help you save operational and capital expenditures.

## Simplified performance management—fewer bottlenecks

With HPE Cloud Optimizer you can identify and resolve performance issues quickly and efficiently. Extensive troubleshooting reports and intuitive functionality, including the ability to trend server utilization, allow you to drill down into specific bottlenecks for up to 1 second real-time analysis.

## Optimize capacity and improve performance with a single powerful tool

HPE Cloud Optimizer deploys rapidly, and works with existing operations management and cloud solutions. It's also powerful and easy to use.

## Try HPE Cloud Optimizer, right now.

Experience the benefits of HPE Cloud Optimizer in your environment for free. **[Download the full version of HPE Cloud Optimizer](#)** for a 60-day trial.

Learn more at **[hpe.com/software/cloudoptimizer](https://hpe.com/software/cloudoptimizer)**



Sign up for updates

★ Rate this document



© Copyright 2016 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise 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. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

VMware is a registered trademark of VMware, Inc. in the United States and/or other jurisdictions. Microsoft is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries. The OpenStack Word Mark and OpenStack Logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community. Pivotal and Cloud Foundry are trademarks and/or registered trademarks of Pivotal Software, Inc. in the United States and/or other countries.

4AA6-4019ENN, February 2016