



Enhance your hybrid cloud

HPE Cloud Optimizer



Enterprise IT and the data center are evolving to the hybrid cloud, and there's no going back. Consider how the cloud meets the user-centric demands of today's businesses, and it's easy to see why. With the cloud, IT provides businesses:

- **Accelerated service delivery:** IT has the agility and consistency needed to release applications and create new services quickly.
- **Improved customer satisfaction:** Service automation reduces manual errors and helps improve response times.
- **Easy-to-use, low-cost services:** The cloud delivers services and uses resources more efficiently, significantly reducing IT costs.

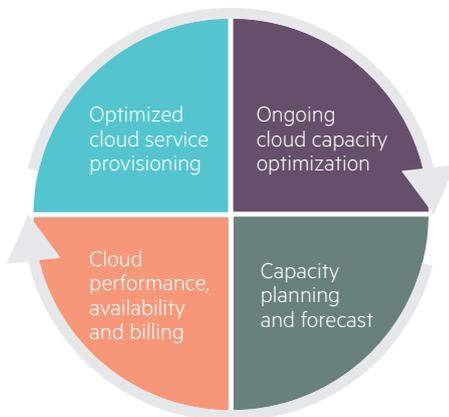
HPE Cloud Service Automation (CSA) helps IT transform from sluggish and costly silos to efficient and cost-effective cloud service delivery. But with this transformation come challenges in governance and optimization, such as planning for future workloads, optimizing placement of new workloads, and ensuring availability. Service-level agreements (SLAs) are met. But how can HPE CSA administrators address these challenges? And, how can they ensure that cloud tenants or consumers are satisfied?

Solution brief

An integrated cloud management solution helps HPE CSA administrators to:

- Save CapEx and OpEx by reclaiming inactive or oversized resources
- Ensure performance by flexing undersized resources
- Plan for future growth
- Ensure health and performance of the environment

You can achieve all of this with HPE Cloud Optimizer.



Key capabilities

For the cloud administrator

HPE CSA and Cloud Optimizer provide cloud administrators with a simple and powerful tool for capacity management and performance monitoring of virtualized and cloud environments.

Optimized cloud service provisioning:

Cloud Optimizer's capacity analysis and placement guidance ensure virtual machines (VMs) are automatically placed in the optimal cluster.

Ongoing cloud capacity optimization:

A comprehensive view of usage, right-sizing recommendations, and VM sprawl management and waste reclamation suggestions ensure optimal management and use of current resources.

Resource metering:

Resource utilization and billing statements for consumers and organizations provide showback and chargeback information.

Capacity planning and forecasting:

Best-fit forecasting helps predict future demands while what-if modeling enables capacity impact analysis.

At-a-glance visibility into cloud performance, health, and availability:

Extensive troubleshooting reports and functionality enable triage, troubleshooting, and identification of performance issues with a real-time, drill-down view into guest operating systems and applications.

For the cloud consumer

HPE CSA and Cloud Optimizer provide cloud consumers with rich capacity analysis and a performance triaging interface.

Optimize cloud usage:

Right-sizing helps reduce costs and improves workload performance.

Forecast usage and capacity planning:

Best-fit usage forecasts of the virtual infrastructure assist with service planning and budget predictions.

Business metric analysis:

Assess the impact of changing business conditions and plan for capacity allocation.

At-a-glance visibility into cloud service performance and health:

The personal view of a tree map at a user-subscription level, and views into individual VM performance enable triage, troubleshooting, and bottleneck identification, as well as provide a real-time, drill down-look at VM workloads.

Optimize your hybrid cloud with HPE CSA and HPE Cloud Optimizer

- Improve operational efficiency with a unified dashboard for automation, orchestration, and performance
- Optimize performance and safely reclaim unused resources
- Plan for future growth
- Receive proven enterprise-class scalability for heterogeneous multivendor management
- Enjoy a rich user experience and intuitive interface
- Experience a quick time to value

Try HPE Cloud Optimizer free, right now

Download the full version of HPE Cloud Optimizer for a 60-day trial and experience the benefits of HPE Cloud Optimizer in your environment for free.

Learn more at hpe.com/software/cloudoptimizer



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