

Cisco ONE Enterprise Cloud Suite Workload Optimization

How will you ensure continuous performance?

Everyone knows applications are critical to the business. You know their performance depends on getting the right data center resources at the right time. But how do you do that when environments are more complex and dynamic than ever? You don't. You let software do it.

Cisco® Workload Optimization Manager drives continuous health in dynamic data center environments, whether on-premises or in a public cloud. The real-time decision engine provides automatable actions that adjust infrastructure resources at every layer of the stack to ensure the performance of your applications. When your infrastructure is continuously performant, your teams can focus on what matters to the business.

Benefits

Optimized workload performance

- Let software provide workloads with the exact resources they need when they need it
- Ensure consistent service-level agreements

Increased efficiency

- Improve density and utilization without risking application performance
- Forward-looking modeling guides capacity, refresh, and migration planning

Comprehensive solution

- Data center, on-premises, and public cloud environments
- Support for multiple hypervisors, containers, and cloud platforms

How it works

Cisco Workload Optimization Manager provides specific real-time actions that ensure workloads get the resources they need when they need them, for:

- Placement
- Scaling
- Capacity

Customers can automate the software's decisions to match their level of comfort:

- Recommend (view only)
- Manual (select and apply)
- Automated (executed in real-time by software)

Get started with real-time optimization

Within one hour of installation, Cisco Workload Optimization Manager will begin to optimize and recommend actions for greater efficiency. [Learn more](#) or [download](#) a free evaluation license.

What can you do with Workload Optimization Manager?

Optimize data center and private cloud:

- Automate workload placement, scaling, and capacity to assure performance while maximizing efficiency.
- Quickly model what-if scenarios based on the real-time environment to accurately forecast capacity needs.

Control cloud assets to deliver service levels:

- Automatically scale workloads, storage, and databases in real time to assure performance.
- Track, report, and view trends for compute and storage and database consumption metrics (CPU, memory, IOPs, latency, and DTU (Database Transaction Unit) across regions and zones.

Minimize public cloud costs:

- Automatically scale down Microsoft Azure virtual machines or Amazon Web Services (AWS) instances, storage tiers, and database tiers, reducing costs without impacting performance.
- Project actual cost of workloads by projecting compute, licensing (OS), IP address, and storage costs.

A solution to fit your needs

Workload Optimization Manager is available in three editions, each providing additional capabilities to meet your specific automation requirements and use cases. Each edition can be run on premises, in a public cloud (AWS, Azure), or across a hybrid environment. These editions make it easy to get started and see more value as you extend the Workload Optimization Manager solution into all layers of the stack and increase your usage of automation capabilities.

Edition	Scale	Visibility	Automation	Integration
Essentials	Limited	Complete	Limited	Limited
Standard	Complete	Complete	Expanded	Complete
Advantage	Complete	Complete	Complete	Complete