

Simplify and Automate Application Resource Management

With Cisco Intersight Workload Optimizer



Simplify with AIOps



Optimize and reduce cost



Adapt and decrease risk

Ensuring application performance at the lowest cost is a complex job.

Applications power businesses, and enterprises that want to provide more engaging digital experiences for their customers invest continually to deliver innovative applications. Keeping those applications running 24/7 is a challenging and costly task, particularly if the monitoring and management process is manual and leverages multiple, unconnected tools. Modern application architectures, microservices, and multicloud environments make it nearly impossible to efficiently manage the complexity of an ever-increasing number of applications and the underlying infrastructure that supports them. The only choice is to automate resource management and workload placement operations.

Cisco Intersight™ Workload Optimizer is a real-time decision engine that ensures the health of applications across your on-premises and public cloud environments while lowering costs. Its intelligent software continuously analyzes workload demand, resource consumption, resource costs, and policy constraints to determine an optimal balance. Cisco Intersight Workload Optimizer makes recommendations for operators and can trigger workload placement and resource allocation in your data center and the public cloud, fully automating real-time optimization.

Benefits

- Simplify and automate IT resource management and ensure application performance with AI-powered analytics
- Reduce OpEx and preserve capital with continuous, real-time optimization
- Adapt quickly and reduce risk with data-driven capacity planning and “what-if” scenario modeling

Put Cisco Intersight Workload Optimizer to work for you

- **Improve IT staff productivity:**
Simplify complex tasks by automating workload placement, scaling, and capacity actions to ensure performance and maximize efficiency
- **Safely increase infrastructure utilization:**
Eliminate infrastructure as the cause of application performance degradation, without overprovisioning
- **Right-size public cloud costs:**
Automatically scale down Microsoft Azure virtual machines, Amazon Web Services (AWS) instances, and storage and database tiers to help reduce costs without affecting performance
- **Accelerate and de-risk multicloud projects:** Safely and efficiently migrate workloads between premises and the public cloud to reduce cost and increase efficiency

Get started fast

Within one hour of installation, Cisco Intersight Workload Optimizer begins to recommend actions to optimize IT resources and ensure application performance.

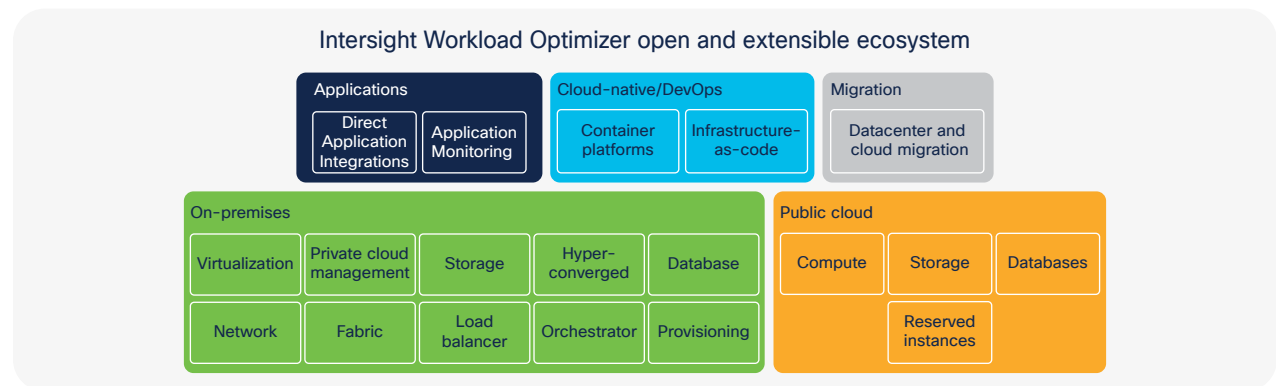
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Turn data into action

Cisco Intersight Workload Optimizer discovers how all the parts of your hybrid world are connected and automates these day-to-day operations for you. It provides visibility into application and infrastructure interdependencies and insight from real-time analytics powered by Artificial Intelligence (AI) to help ensure the right resource decisions at the right time to ensure application performance. With a broad and extensible ecosystem supporting more than 50 common platforms and public clouds (Figure 1), Cisco Intersight Workload Optimizer harnesses the power of data from your environment to continuously monitor supply and demand, match workloads and resources in the most efficient way and ensure governance rules are always enforced. The result? Better application performance, reduced cost, faster troubleshooting, and more peace of mind.

Figure 1. Cisco Intersight Workload Optimizer leverages telemetry data from over 50 targets across a range of hypervisors, compute platforms, container platforms, public clouds, and more.



Manage the application experience

In addition to Cisco Intersight Workload Optimizer's intelligent insights into application infrastructure interdependencies, an integration with AppDynamics® provides deeper visibility into the application and the end-user experience, making Cisco Intersight Workload Optimizer's recommended actions even smarter and more closely tied to actual customer experiences.

Be ready for anything

In today's changing world it's more important than ever to have the ability to react quickly to changing environments and application needs. Cisco Intersight Workload Optimizer enables you to proactively navigate through uncertain times with continuous, real-time optimization that helps you avoid application performance issues while maximizing efficiency and cost. And it gives you the ability to plan for whatever lies ahead with data-driven capacity planning and "what-if" scenario modeling.