**Cloud optimization for
organizations deployed in the cloud**

What you should worry more about than costs in the cloud.

As you move more of your data and resources to the cloud, the resulting infrastructure is either going to save you money or it's going to cost you more. What's going to make the difference? Get the answers with cloud optimization.

Every business is unique, but we can help you find your path to cutting cloud costs and maximizing performance with policy-driven, automated optimization. And you don't have to disrupt your operations to do it. In some cases, cloud optimization can save money with only a few tweaks.

Intel offers a range of tools to help you evaluate, benchmark, and tune cloud implementations. Using these tools can help improve scaling, increase security and resiliency, identify hidden risks, amplify application performance, and improve cost management.

Why does the cloud seem more expensive?

- Developer overprovisioning

- Poor cloud density

- Paying for hardware with features that have not been turned on, optimized, or tuned

- Purchasing more cores than you need

- Workloads might be on older hardware than you realize

- Not utilizing all the compute that you're paying for

- Deploying apps into the cloud without knowing what resources to assign to those applications

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Get more out of your cloud engagement

Sharpen your strategy with Intel-powered tools

After deploying to the cloud, many businesses like yours realize that their choices aren't delivering optimal results. When cloud expenses exceed what you expected, it can lead to organizational misalignment that drives up your costs and reduces the effectiveness of your digital transformation.

This can happen for a number of reasons, including developer overprovisioning, less-than-ideal workload performance, overlooked bottlenecks, and unexpected demand.

We can help you unify your cloud strategy with metrics and reporting that clearly identify a path to optimal performance and maximized value. And we can help you map the approach that can help deliver the results you want.

Densify. Intel® Cloud Optimizer by Densify

Optimize your existing cloud infrastructure with Intel Cloud Optimizer by Densify. It offers best-in-class modeling for rightsized and cost-efficient infrastructure. Intel Cloud Optimizer employs a scientific machine learning approach to understanding workload optimization. Working for VMware and containers—both on-premises and in the public cloud—Intel Cloud Optimizer by Densify offers instance-level optimization at major CSPs, including AWS, Azure, and GCP.

Explore Intel Cloud Optimizer by Densify ›

How can Intel Cloud Optimizer by Densify help you control costs in the cloud?

- Measure the efficiency of your cloud, container, and server resource utilization

- Get precise recommendations for cloud instance cost and performance improvement

- Optimize instance levels and address purchasing strategies simultaneously

- Enable long-term, continuous optimization with simplified integration into a cloud management stack

g:Profiler

Production profiling with g:Profiler gives you a view of your code-level performance to identify bottlenecks and map optimization opportunities.

Optimize your cloud spend with always-on analysis
Once deployed, g:Profiler continuously analyzes code performance across your entire environment, allowing you to optimize the most-resource-consuming parts of your code, improve application performance, and reduce costs.

Deploy with ease
Enable performance investigation with minimal overhead. It takes only minutes to deploy g:Profiler, with no code changes or deployment modifications.

Unify your cloud strategy
g:Profiler combines multiple sampling profilers for a unified visualization of what your CPU is spending time on.

Explore g:Profiler ›

intel dev zone

An account with the **Intel®
Developer Zone** offers tools
and resources to enhance the
performance of cloud instances
and improve portability and
optimize costs.

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- Code libraries
- Reference models
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- Training resources

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