Cloud Optimization as a Service

Accelerating your cloud adoption goals

Have you achieved your Cloud adoption goals?

In 2020, average overspend on cloud services will reach 40% for organizations that don't have a well-defined cloud optimization strategy in place. While this is great news for cloud vendors, it has large ramifications for overall cloud adoption in the long run.

Cloud for businesses today

Today, many enterprises already take advantage of multicloud, helping them avoid being locked into any one service and allowing them to leverage the most innovative services from each of their providers where necessary. But while this scenario creates flexibility, it also complicates matters like managing costs – and that's cause for concern.

There's no one-size-fits-all recommendation for optimizing cross-cloud consumption. Plus, the cost optimization tools that cloud providers offer are designed to make you opt in for expensive up-front investments by having you commit to long-standing agreements. Unfortunately, though, the recommendations these services provide are limited to the service's infrastructure layer, and they don't provide enough data for users to make informed decisions anyway.

This lack of insight on cloud spend can limit your ability to accommodate public cloud costs and increase operating costs. It can further cripple your organization, though, by reducing your ability to handle current and future cloud provider changes, which ultimately increases cost and undermines your optimization efforts.

The drive to optimize cost and operations

As newer cloud offerings continue to roll out and mature into capable end-to-end services, enterprises are tempted to try them as a replacement for their current stack. However, most enterprises aren't able to estimate the benefits they would experience by adopting a new service without trying it first, which requires investments in time and effort.

The need to understand current cloud costs versus planned costs to improve Total Cost of Ownership (TCO) is also a major driver. Overall, driving cost and cloud services optimization across infrastructure, platforms, and Software as a Service requires a comprehensive cloud optimization framework focusing on better business results and ROI. And given the current limitations, interest in this area is growing.
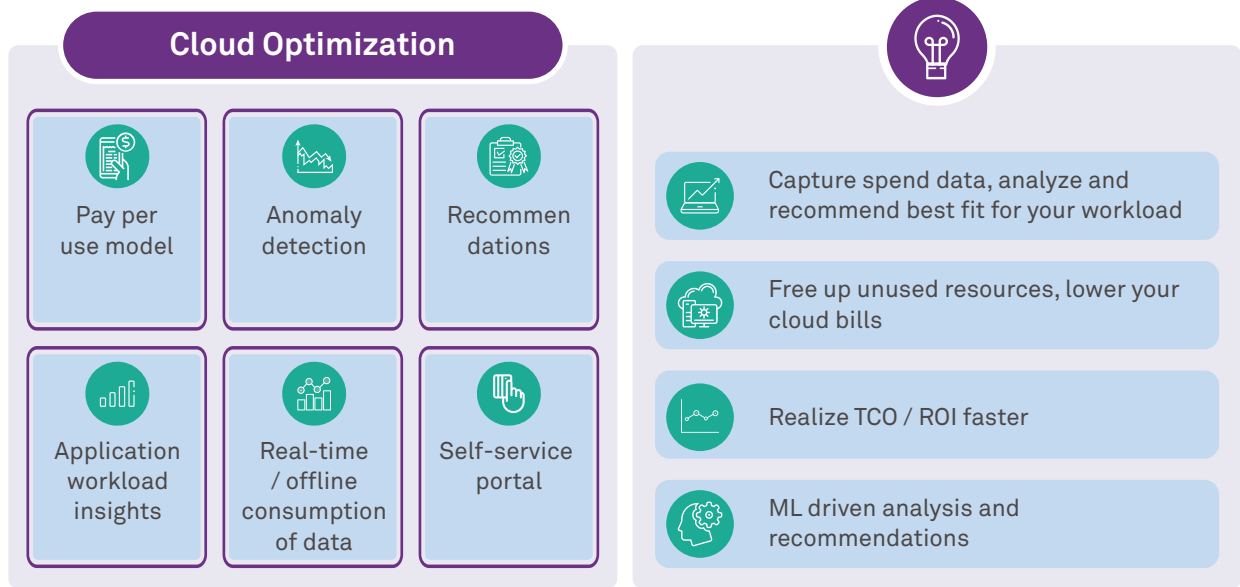
Wipro's Cloud Optimization as a Service

Wipro's Cloud Optimization as a Service is a SaaS platform that intakes cloud spend data for workload utilization analysis. It then provides insights and recommendations on potential cost savings, along with proper size recommendations for your workloads. Our cloud optimization engine CLAYE – backed by machine learning algorithms – effectively provides spend forecasts (95-96% accuracy tested) and corrective recommendations for optimization.

Understanding the sensitivity of the information being shared, our **Cloud Optimization as a Service** platform also ensures that your data is securely isolated and processed without any possibility of tampering or manipulating.

Each dataset is securely hashed and stored for analysis and report generation. It also includes features like workload dependency visualization with support for both EA and CSP accounts (Azure).

Wipro Cloud Optimization as a Service: Overview

Cloud Optimization

Pay per use model

Anomaly detection

Recommendations

Application workload insights

Real-time / offline consumption of data

Self-service portal

Capture spend data, analyze and recommend best fit for your workload

Free up unused resources, lower your cloud bills

Realize TCO / ROI faster

ML driven analysis and recommendations

How does the solution work?

Wipro conducts a Cloud Optimization Assessment based on the data provided by our customers. The detailed analysis spots patterns and anomalies hindering optimization. The models incorporate workload profiling and usage patterns across instance families, including burstable and reserved. It will also spot unused capacity, creating opportunity for further optimization.

The assessment focuses on a variety of areas, including usage patterns, trends and forecasts, anomalies in cloud usage, workload dependency visualization, and actionable recommendations. When the analysis is complete, a detailed report with recommendations is generated.

Cloud Optimization Assessment

What is covered in the assessment?
Wipro will conduct one week discovery and assessment

What Wipro will do?

Cloud Optimization Assessment

- Collect billing data (offline / online)
- Analyze and assess usage patterns using Cloud Optimization tool
- Identify anomalies in usage and billing
- Generate insights on app workloads

Assessment Outcomes

- Forecasts and trends for each category including apps
- Recommendations for cloud optimization
- Recommendations for app modernization
- Finalize Plan upon approval

Dependencies on Client

Discovery Phase

- Discovery - Point of Contact for access to data: billing csv or online integration with cloud optimization tool
- SPOC - Business Owner / Cloud Admin

Application Assessment

- Data Validation
- GAP correction

Assessment Outcomes & Cloud Patterns

- Business & Technology priorities

What will Client get?

Cloud Optimization Report

Application Categories

- Costs breakdown
- Forecasts for each category
- Recommendations for cloud optimization

Next Steps

- Support and services aligned to provided recommendations

Choose your service engagement model

We have a tiered set of three engagement models available to best meet your needs.

Down stream activities

One time assessment

- Includes assessment and recommendation
- Subscription Based
- Implementation of recommendations charged separately
- Outcome based fee chargeable on Cost savings

Periodic assessment

- Includes assessments and recommendations at periodic intervals (quarterly)
- Implementation of recommendations charged separately
- Outcome based fee chargeable on Cost savings

Customized offering

- Includes assessments, recommendations and implementation of recommendations
- Flexible engagement model in collaboration with respective service lines
- Project consulting & Execution applicable based on the customer requirement

Not sure which one works best for your organization?

Contact us today.

Please write to us at anitha.parameswaran@wipro.com
venkatarama.murthy@wipro.com

Wipro Limited
Doddakannelli, Sarjapur Road,
Bangalore-560 035, India

Tel: +91 (80) 2844 0011
Fax: +91 (80) 2844 0256
wipro.com

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For more information, please write to us at info@wipro.com