

Cloud Cost Optimization Assessment

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"Cloud cost savings don't just happen; they're the result of informed decisions, continuous optimization, and a commitment to efficiency. Every dollar saved in the cloud is an opportunity to invest in innovation."



Predictability



Control



Visibility



Optimize



Extensibility

Cost Reduction: The primary benefit of cloud cost optimization is the reduction of operational costs. By implementing strategies such as resource right-sizing, using reserved instances, and minimizing waste, organizations can significantly lower their cloud expenses.

Resource Efficiency: Cost optimization encourages organizations to use cloud resources efficiently. This results in better resource utilization, reduced overprovisioning, and a more effective allocation of resources to meet actual demand.

Improved Budgeting: With effective cost optimization, organizations can gain better control over their cloud spending, making it easier to create and manage budgets. This predictability is crucial for financial **planning**.

Enhanced ROI: Cloud cost optimization directly contributes to a higher return on investment (ROI). By reducing cloud expenses while maintaining or improving service quality, organizations can achieve a better ROI on their cloud investments.

Environmental Responsibility: Reducing cloud resource waste not only saves money but also contributes to environmental sustainability. By using only the resources they need, organizations can lower their carbon footprint.

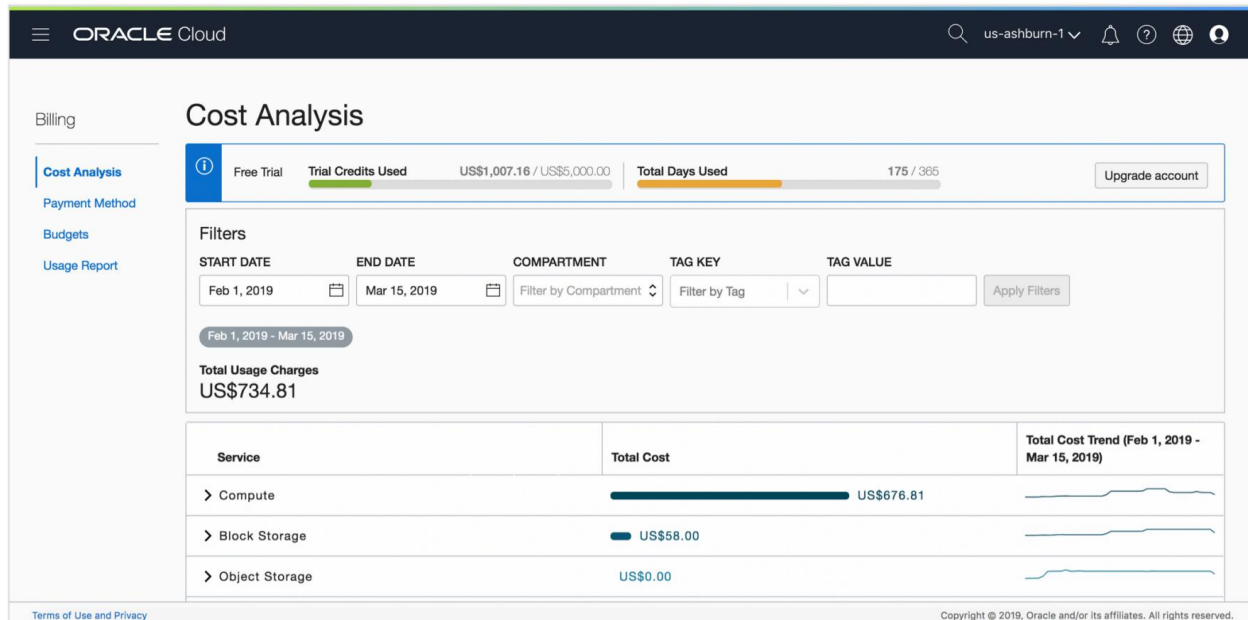
Improved Collaboration: Cost optimization initiatives encourage collaboration between IT teams, finance, and business units. This alignment of interests and goals fosters better decision-making and resource utilization.

Faster Time-to-Market: Efficient use of cloud resources can speed up the deployment of new applications and services. This enables faster time-to-market, allowing organizations to respond more quickly to changing market demands.

Organizational Agility: With cloud cost optimization, organizations are better equipped to adapt to changing circumstances, whether in response to market dynamics, new opportunities, or unexpected challenges.

Employee Productivity: By automating resource management and optimization tasks, cloud cost optimization can free up IT personnel to focus on more strategic and value-added activities, improving overall productivity.

The below high-level checklist outlines the tasks performed as part of our complimentary cloud cost optimization assessment.



Cloud Spending Insights

What We do:

We review the cost explorer to understand current spending patterns, analyze costs, and identify areas for optimization.

This helps identify the major cost saving areas.

Our Deliverable:

A Comprehensive cost optimization report that highlights the cost reduction opportunities.

Oracle Cloud Advisor

Cloud Advisor provides recommendations to help you maximize cost savings and improve security in your tenancy. Cloud Advisor finds inefficiencies in your tenancy and pro... Cloud Advisor by postponing or dismissing recommendations that aren't applicable, allowing you to focus on the recommendations that matter most to you.

Cost Management

last checked Thu Feb 11 2021 04:02:26 UTC

[Details](#)

\$59,661 estimated savings*



Cost Management Recommendations help you reduce costs by finding and adjusting resources that are underutilized. For example, cost management recommendations help you find underutilized compute instances, over-provisioned Autonomous Data Warehouse instances, unattached block volumes or boot volumes, and Object Storage buckets without lifecycle policy rules.

* Because Cloud Advisor is unable to calculate an estimated cost savings for some recommendations, this value understates the potential savings.

Right-sizing of Resources

What We do:

Review all the current utilization of cloud resources and identify the resources that can be scaled down to reduce the cost associated with it.

This exercise can offer cost savings of up to **30%** of total cloud spendings.

Our Deliverable:

A complete assessment of all cloud resources and provide recommendations to adjust the size.

Account Management

- Cost Analysis
- Payment Method
- Budgets
- Usage Report

Tag Filters add | clear

no tag filters applied

BUDGET SCOPE

- COMPARTMENT
- COST-TRACKING TAG

Budgets

You can use budgets to track costs in your tenancy. After creating a budget for a compartment, you can set up alerts that will notify you if a budget is forecast to be exceeded or if spending surpasses a certain amount.

Create Budget

Name	Budget Scope	Target	Amount	Spent	% Spent In Period	Forecast ?	⋮
Dev-Test	Compartment	/ACME_CORP	US\$1,000.00	N/A	N/A	N/A	⋮
talemos-costs	Compartment	/talemos_compartment	US\$100.00	N/A	N/A	N/A	⋮

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Set Budgets & Alerts

What We do:

Budgets are set on cost-tracking tags or compartments to track all spending within those scopes. We review the current setup and identify the opportunities to setup budgets and alerts to effectively manage and track the cloud spendings.

Our Deliverable:

A detailed findings of above assessments and recommendations.

Namespace = Operation

Tag Key=Environment
Value type = String

Tag Key=Project
Value type = String

Namespace = HumanResources

Tag Key=Environment
Value type = String

Tag Key=CostCenter
Value type = String

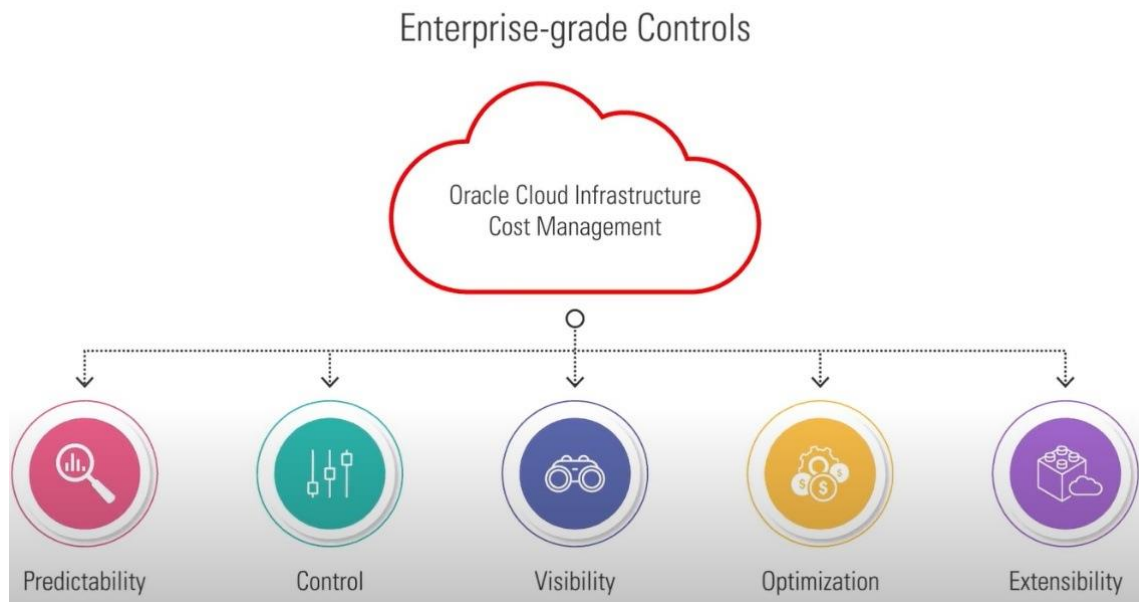
Tagging Strategy

What We do:

Assessment of current tagging policy and recommendations. Tagging allows querying cost data using tags as filters instead of compartments, providing flexibility in resource placement and cost data queries.

Our Deliverable:

A detailed findings of our current tagging policy review and strategy to setup robust tagging policy.



Cost Management Practice

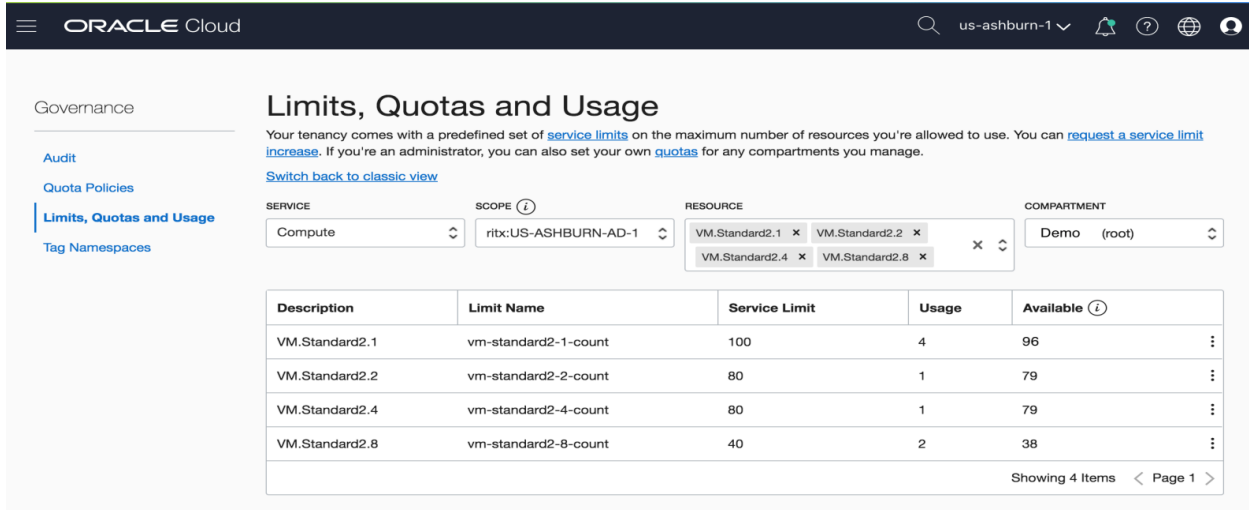
What We do:

We will help you to implement the cost management and governance model.

Oracle Cloud Infrastructure (OCI) Cost Management and Governance services help monitor cloud spending, increase accountability, and optimize cloud efficiency. These services empower financial leaders to establish guardrails, ensuring cost and governance control without impeding growth.

Our Deliverable:

Detailed recommendations and guidelines to setup Cost Management Practice.



The screenshot shows the Oracle Cloud console interface for 'Limits, Quotas and Usage'. The page title is 'Limits, Quotas and Usage' and it includes a brief introduction about service limits and quotas. Below the introduction are filters for SERVICE (Compute), SCOPE (ritx:US-ASHBURN-AD-1), RESOURCE (VM.Standard2.1, VM.Standard2.2, VM.Standard2.4, VM.Standard2.8), and COMPARTMENT (Demo (root)). A table displays the following data:

Description	Limit Name	Service Limit	Usage	Available
VM.Standard2.1	vm-standard2-1-count	100	4	96
VM.Standard2.2	vm-standard2-2-count	80	1	79
VM.Standard2.4	vm-standard2-4-count	80	1	79
VM.Standard2.8	vm-standard2-8-count	40	2	38

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Limits & Quotas Strategy

What We do:

- High-level review of existing security policies and procedures.
- Basic guidance on compliance with industry standards or regulations.
- Identification of gaps in security policy implementation.


Our Deliverable:

A detailed review of current security policies and compliance based on CIS benchmarking and recommendations.

Auto start/stop schedule [Help](#)

An auto stop/start schedule will automatically stop/start your database at the selected times. The times are in UTC.

	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Start	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Sele... ▾	Sele... ▾	Sele... ▾	07:00 ▾	Sele... ▾	Sele... ▾	Sele... ▾
Stop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Sele... ▾	Sele... ▾	Sele... ▾	11:00 ▾	Sele... ▾	Sele... ▾	Sele... ▾



Apply
[Cancel](#)

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Automated Start/Stop Instances

What We do:

Assessment of current database and application portfolio and propose a automation plan to stop the non-production environments on weekends and holidays and bring them up after teams are back to work. It can result in **28%** savings for cloud spendings on non-prod stack.

Our Deliverable:

A detailed plan to automate start/stop of VM/database/application services.

☰
ORACLE Cloud

Search for resources, services, and documentation

Resources

- Objects
- Metrics
- Pre-Authenticated Requests
- Work Requests
- Lifecycle Policy Rules
- Replication Policy
- Retention Rules
- Uncommitted Multipart Uploads
- Logs

Objects

Location:

Upload

 More Actions ▼

<input type="checkbox"/>	Name
	↶ ..
<input type="checkbox"/>	<input type="checkbox"/> ewallet_2022011014105814_Daily-Backup.p12
<input type="checkbox"/>	<input type="checkbox"/> ewallet_2022011107000172_Daily-Backup.p12
<input type="checkbox"/>	<input type="checkbox"/> ewallet_2022011207000255_Daily-Backup.p12
<input type="checkbox"/>	<input type="checkbox"/> ewallet_2022011307000212_Daily-Backup.p12
<input type="checkbox"/>	<input type="checkbox"/> ewallet_2022011407000254_Daily-Backup.p12

Object Storage Policy

What We do:

- Assessment of your object storage to ensure lifecycle policy management rules are set properly for all object storages.

Our Deliverable:

A detailed recommendation report to optimize storage and reduce storage costs.

Block Storage » Block Volumes » Block Volume Details



AVAILABLE

Volume1

Edit

Move Resource

Add Tags

Terminate

Block Volume Information

Tags

Availability Domain: pjBI:EU-FRANKFURT-1-AD-1**Compartment:** blockstorage (root)/demo**OCID:** ...xecldq [Show](#) [Copy](#)**Created:** Tue, Jul 14, 2020, 16:32:27 UTC**Default Performance:** Balanced ⓘ**Auto-tune Performance:** On ⓘ**Current Performance:** Lower Cost ⓘ**Auto-tuned
Detached Volume
to
Lower Cost**

Auto-tune Block Storage Volumes

What We do:

Assessment of your storage to check storage parameters like Default Performance, Current Performance, and Auto-Tune setting for all volumes in a compartment.

Our Deliverable:

A detailed recommendation report to adjust the storage parameters to reduce the cost.

Recommendations

Last checked: Wed, Feb 23, 2022 8:09 PM UTC

Category

All categories

Service

Filter by service type

Manage columns

Recommendation type	Count (i)	Service
Delete idle compute instances	0	Compute
Delete unattached block volumes	0	Block storage
Delete unattached boot volumes	0	Block storage
Downsize underutilized ADW and ATP databases	0	Autonomous database

Terminate Unused Resources

What We do:

- Assessment of resources to identify unused resources that can be decommissioned.
- We provide guidelines to establish a process to identify and terminate orphaned resources.

Our Deliverable:

A detailed report of findings from the above assessment.

Our Consulting Services

Email: info@ocithreads.com

Our Expertise:

Platforms Supported:

- OCI
- AWS
- Azure
- GCP
- VMware

Our Expertise:

- Oracle E-Business Suite
- Oracle Fusion Applications
- Oracle Fusion Middleware
- All Databases
- Identity & Governance
- DevOPS
- Kubernetes & Docker
- Business Intelligence
- Oracle Integration Cloud

Why Choose OCI-Threads



Choosing the right cloud consulting partner is a pivotal decision for your organization's digital transformation journey. We believe that our firm stands out as the ideal choice for several compelling reasons:

Expertise and Cloud Mastery:

- Our team comprises certified cloud experts who have mastered the complexities of cloud platforms. We bring in-depth knowledge and extensive experience in cloud technologies and solutions and have expert SMEs with years of hands-on experience on Oracle workloads.

Industry Specialization:

- We have a track record of successfully serving a variety of industries, making us well-versed in the unique challenges and opportunities specific to your sector.

Customized Cloud Strategies:

- We do not offer one-size-fits-all solutions. Our consulting approach is tailored to your organization's needs and objectives, ensuring that your cloud strategy aligns perfectly with your goals.

Proven Success Stories:

- Our portfolio is rich with case studies that demonstrate our ability to deliver results. We have helped organizations of all sizes realize their cloud-related goals.

Innovative Problem Solving:

- We pride ourselves on innovative problem-solving. Our consultants think creatively, finding unconventional solutions to tackle your challenges and capitalize on opportunities.

Client-Centric Approach:

- Your satisfaction is our utmost priority. We are committed to your success, and we work collaboratively with you, maintaining open lines of communication throughout our engagement.