



ORACLE
Cloud Infrastructure

Posicionamento e FinOps

DBA Brasil 2023 Data & Cloud



Safe harbor statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, timing, and pricing of any features or functionality described for Oracle's products may change and remains at the sole discretion of Oracle Corporation.



\$> whoami



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Snr Director Tech Cloud Engineering and Architecture



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17 anos
ORACLE

37 anos
Computer Science

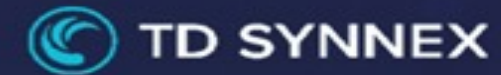


Nas Horas Vagas

A collection of icons representing various benefits and services: a person on a bicycle, a train, a cloud, a heart, a bicycle, and a family.

Patrocinadores DBA Brasil Data & Cloud

Diamante

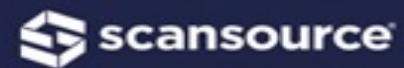


Platina



DISCOVER

Ouro



VERTICA
by opentext

Prata

TRACES



Apoio

FIAP



Agenda



- 1** Posicionamento OCI Oracle Cloud Infrastructure
Como ter benefícios com OCI
- 2** FinOPS – Gestão Financeira de Operações em Cloud
Velocidade não é nada Sem controle e o Barato pode Sair Caro
- 3** Casos de Sucesso
O Sucesso não é por acaso e sim uma construção
- 4** + Informações sobre OCI
Em português Brasil e Inglês USA

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Em português Brasil e Inglês USA

Mindset Antigo

“Banco De Dados”

Licença / Direto De Uso

Investimento Elevado

Foco Venda

Self-service

Competição

Grandes Corporações

ORACLE

Novo Mindset

Pluralidade de Soluções

Serviço / Cloud

Democratização Tech

Foco Satisfação Cliente

Transformação

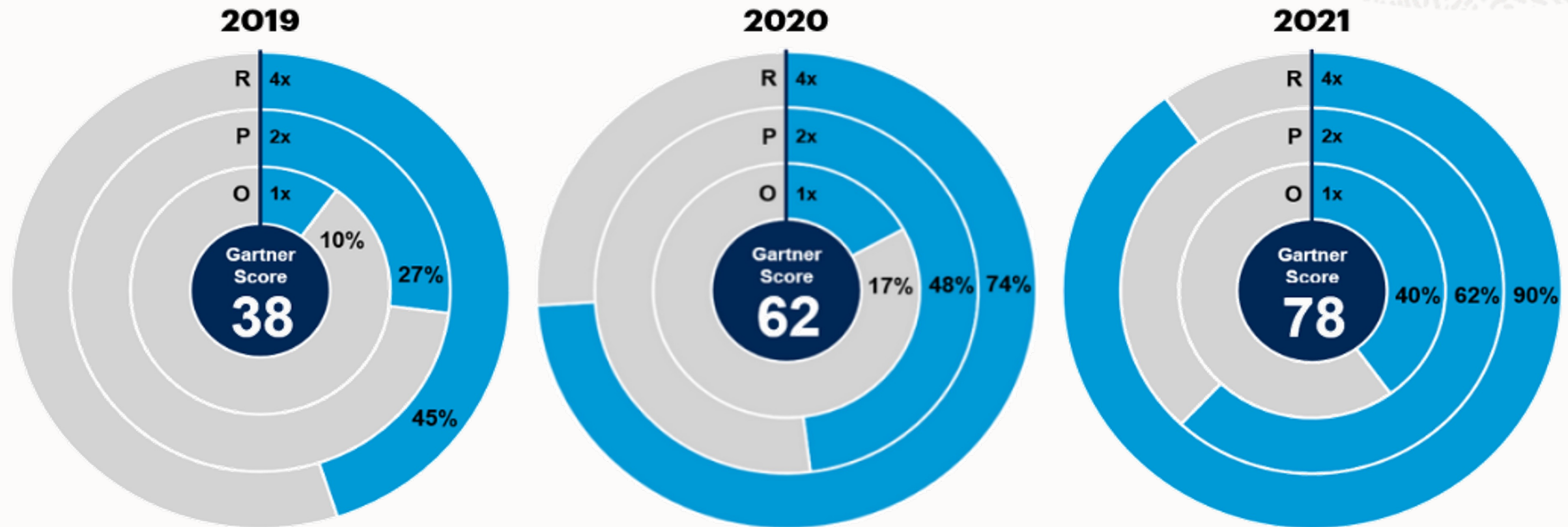
Colaboração

Pequenas, Médias e Startups

ORACLE

O que o Gartner diz sobre a maturidade do OCI

2019-2021 Progress Map of OCI



Source: Gartner

Note: R=Required, P=Preferred, O=Optional

757557_C

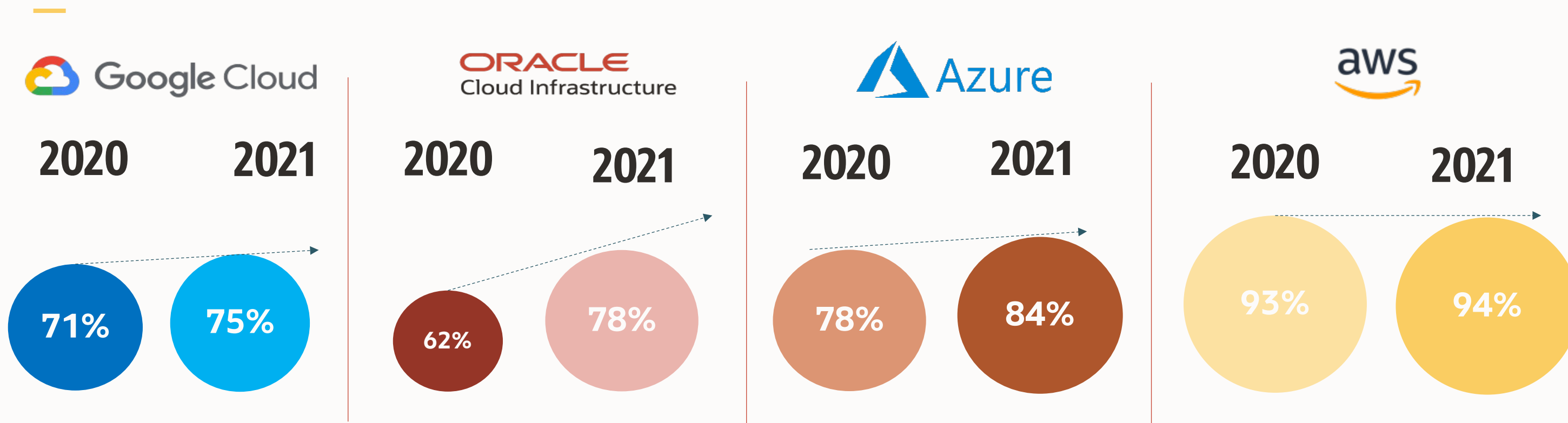
Gartner.

<https://www.gartner.com/doc/reprints?id=1-292P5CQK&ct=220209&st=sb>





“Oracle tem maior crescimento ano sobre ano dentre os Top 5 Cloud Service Providers, ultrapassando GCP”



Oracle Cloud Infrastructure (OCI) has an overall solution score of 78 and meets 90% of Gartner’s Required criteria, 62% of Gartner’s Preferred criteria, and 40% of Gartner’s Optional criteria. It is suitable for enterprise-class production use. OCI’s capabilities have improved markedly for the second year in a row, based on the assessed criteria.

<https://www.oracle.com/uk/cloud/what-is-iaas/gartner-oci-scorecard/>

OCI – A Cloud que mais cresce no mercado Mundial

1. Oracle, 54%

2. Google Cloud, 28%

3. (tie) SAP, 24%

4. (tie) ServiceNow, 24%

5. Microsoft, 22%

6. Workday, 20%

7. AWS, 16%

8. Salesforce, 11%

9. IBM, 10%? (that's just a guess — IBM no longer discloses that number)

10. Snowflake, 50% (sequestered at #10 until quarterly revenue reaches \$1 billion)

For a deeper breakdown on this, please see my recent analysis headlined [Oracle Crushes Q4 and Remains World's Hottest Major Cloud Vendor](#)



Oracle anuncia resultados financeiros do terceiro trimestre do ano fiscal de 2023

•Ganhos por ação GAAP do terceiro trimestre de US\$ 0,68, ganhos por ação não-GAAP de US\$ 1,22

•Receita total do terceiro trimestre de US\$ 12,4 bilhões, alta de 18% em dólares americanos e de 21% em moeda constante

•Receita de nuvem do terceiro trimestre (IaaS mais SaaS) US\$ 4,1 bilhões, alta de 45% em dólares e de 48% em moeda constante

•**Receita de infraestrutura de nuvem (IaaS) do terceiro trimestre de US\$ 1,2 bilhão, alta de 55% em dólares e de 57% em moeda constante**

•Receita de aplicativos de nuvem (SaaS) do terceiro trimestre de US\$ 2,9 bilhões, alta de 42% em dólares americanos e alta de 44% em moeda constante

•Receita de ERP (SaaS) Fusion Cloud do terceiro trimestre de US\$ 0,7 bilhão, alta de 25% em dólares americanos e de 28% em moeda constante

•Receita NetSuite Cloud ERP (SaaS) do terceiro trimestre de US\$ 0,7 bilhão, alta de 23% em dólares americanos e 26% em moeda constante

<https://accelerationeconomy.com/cloud-wars/the-larry-ellison-effect-5-reasons-for-oracles-extraordinary-growth-surge/>

<https://www.oracle.com/br/news/announcement/q3fy23-earnings-release-2023-03-09/#>

Analistas e Clientes:

Custos, Multicloud, Desempenho, Escalabilidade

Analistas

Gartner

A Oracle mantém um **ritmo impressionante ano a ano de velocidade de recursos** que a aproxima dos líderes de mercado. Nesse ritmo, **a Oracle atingirá ou superará alguns dos fornecedores no quadrante de Líderes em termos de recursos no futuro próximo.**

oracle.com/corporate/analyst-reports.html

OMDIA

Oracle deve aparecer em sua lista se você precisar de um **CSP competitivo de preço-desempenho** com credenciais comprovadas de **confiabilidade de nível empresarial.**

IDC

Oracle IaaS (OCI) recebe a **maior satisfação do cliente.**

RedMonk

Preços básicos médios de IaaS mais baixos do que AWS, Microsoft, Google, Alibaba e IBM desde 2018.

Clientes

oracle.com/customers

TIM

“Utilizando uma estratégia multicloud, somos a primeira operadora no Brasil a migrar 100% de nossas cargas de trabalho para a nuvem.”

Pietro Labriola
CEO, Tim Brasil

MULTICLOUD

SCALE

[B]³

A operadora da bolsa brasileira fechou um acordo que tem duração de dez anos com a Microsoft e a Oracle. O projeto prevê duas etapas distintas. “

MULTICLOUD

SCALE

zoom

“Selecionamos a Oracle por suas vantagens em desempenho, escalabilidade, confiabilidade e segurança superior na nuvem.”

Eric S. Yuan
CEO, Zoom

COST

PERFORMANCE



g1

ECONOMIA

TikTok faz migração de dados de usuários para a Oracle, diz agência

Expansão Global



Forbes

Assine

Oracle ganha contrato da Zoom com disparada das chamadas de vídeo

Ganho de Mercado
+
Escalabilidade
Requerida



tecmundo

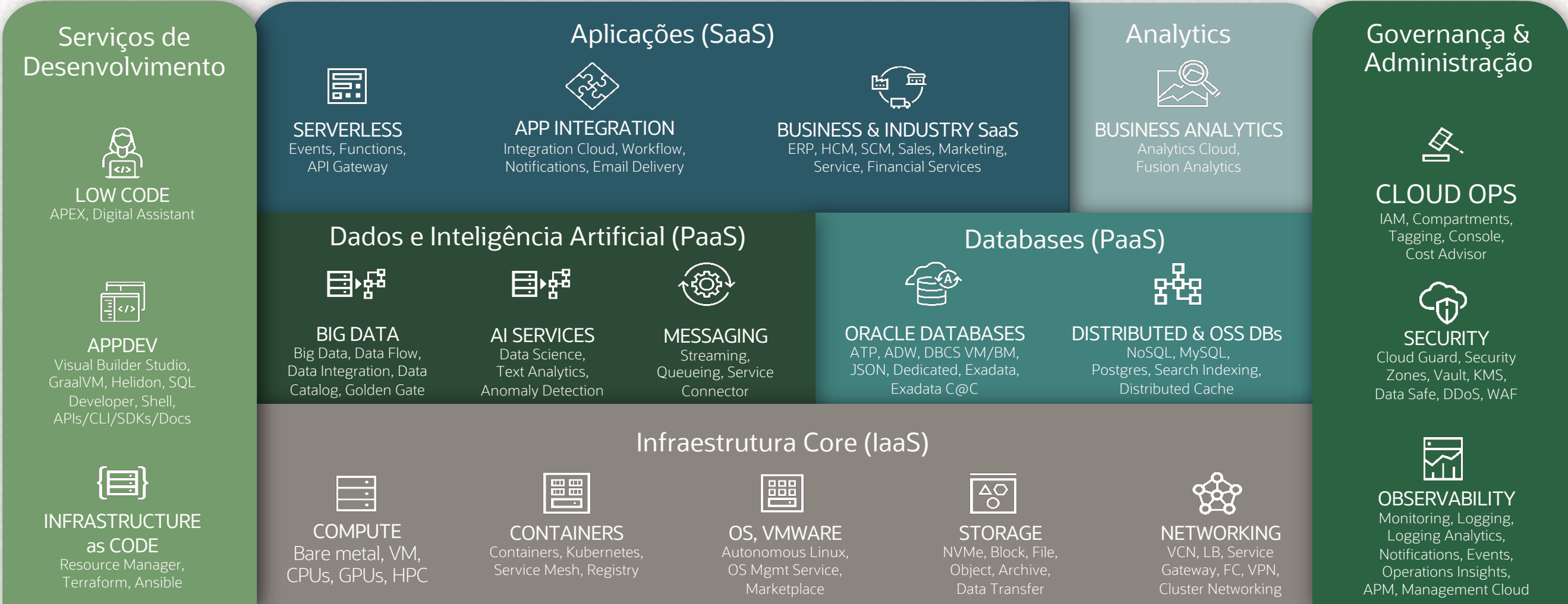
Notícias ▾ Últimas Notícias Mais Lidas Tutoriais Colunas Comparar ▾ Cupons de Desconto ▾ Anuncie

SoftBank vende suas ações da Uber após resultados negativos

Redução de Custos
+
Parceiro de Negócios



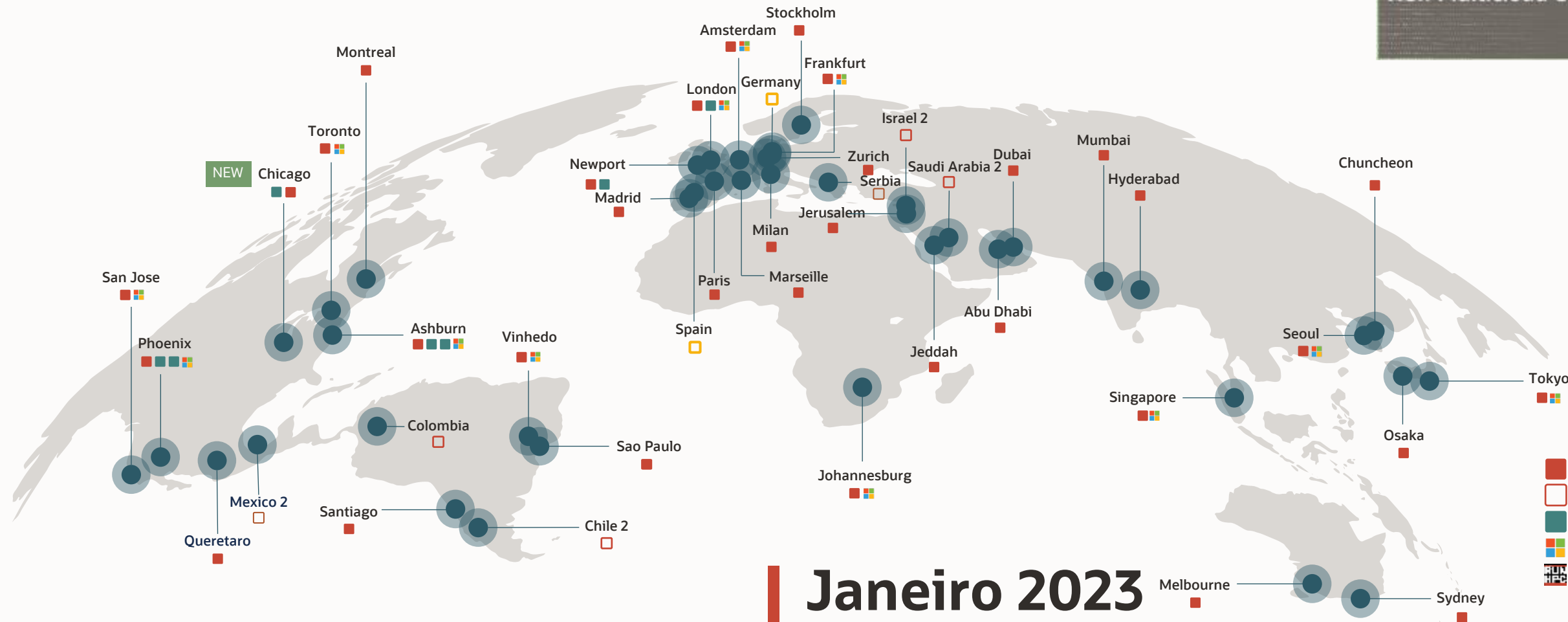
Portfólio de Serviços Oracle Cloud



41 REGIÕES COMERCIAIS/ REGIÕES GOV/ CLOUD@CUSTOMER



Regiões no mundo todo, multcloud e HPC



Janeiro 2023

42 regiões ativas
 8+ planejadas; 12 Regiões Azure Interconnect
 10 Regiões com recursos HPC
100% de uso de energia renovável até 2025

Conformidade global, regional e de setor

REGIONAL



GDPR [EU]



PIPEDA [Canada]



ENS [Spain]



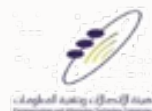
BSI C5 [Germany]



ISMS [Korea]



My Number [Japan]



CITC [Saudi Arabia]



Cyber Essentials Plus [UK]



Cloud Security Principles [UK]

GOVERNMENT



DoD DISA SRG IL5



JAB P-ATO



CJIS



EU Model Clauses



VPAT-Section 508



G-Cloud 12



Canada Protected B

INDUSTRY



HIPAA



PCI DSS – Level 1



GxP



TISAX



FINMA



BACEN



IG Toolkit



HDS



FISC



APRA



FFIEC



RCB

GLOBAL



SOC 1 : SOC 2 : SOC 3



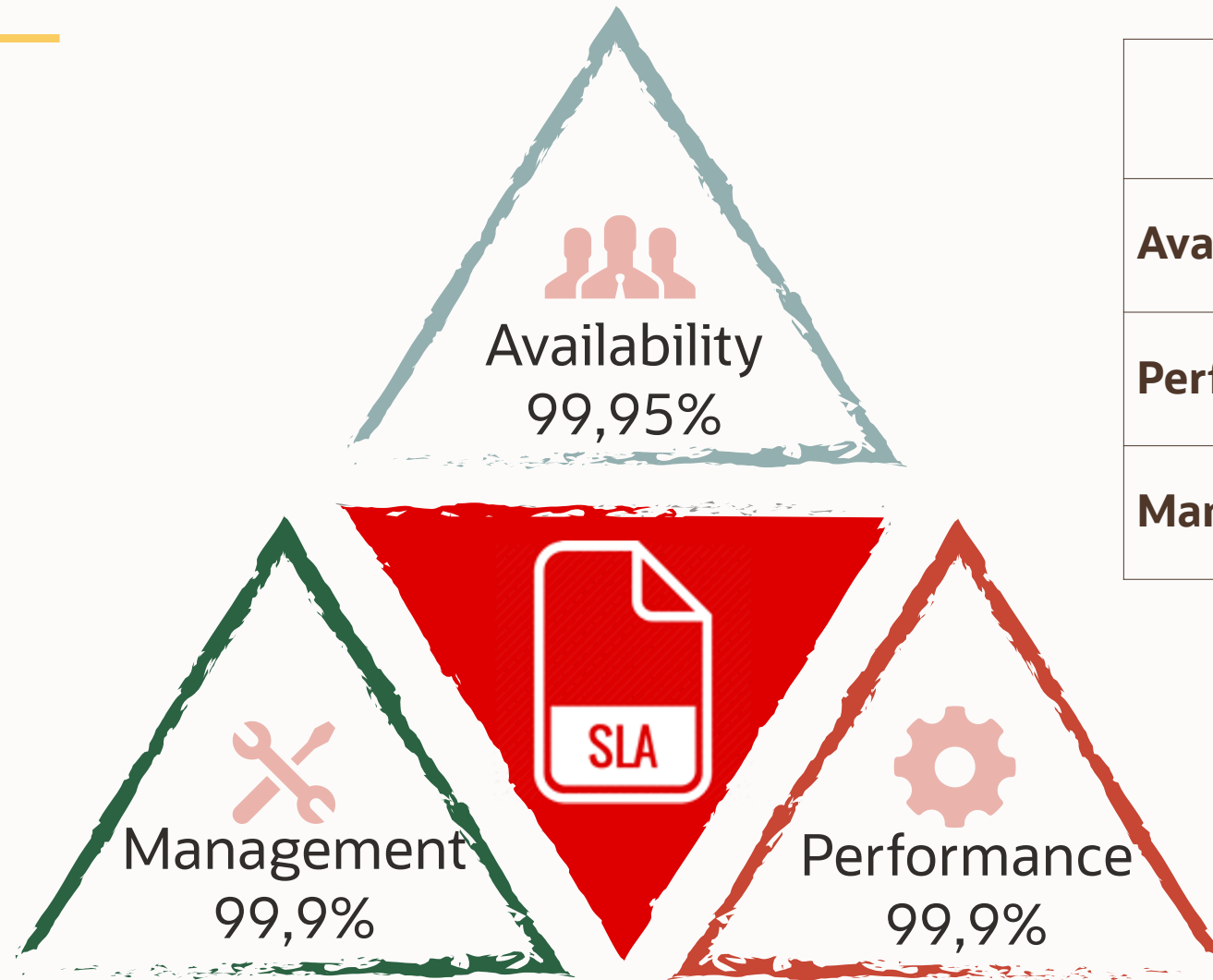
9001 : 27001 : 27017 : 27018 : 20000-1



Level 2

Enterprise Service Level Agreement (SLA)*

Único a oferecer SLAs de Gerenciamento e Performance, além de disponibilidade



	OCI	AWS	Azure	GCP
Availability	Covered	Covered	Covered	Covered
Performance	Covered	No coverage	No coverage	No coverage
Manageability	Covered	No coverage	No coverage	No coverage

Monthly Uptime Percentage	Service Credit Percentage
Less than 99.9% but equal to or greater than 99.0%	10%
Less than 99.0% but equal to or greater than 95.0%	25%
Less than 95.0%	100%

* <https://www.oracle.com/assets/paas-iaas-pub-cld-srvs-pillar-4021422.pdf>



Compute Capacity Options



On-Demand

- Dedicated Core, performance and availability guaranteed



Capacity Reservation

- Pre-allocate compute capacity, you can have save money maximizing oCPU utilization



Preemptible Instances

- Instance can be reclaimed (terminated) anytime
- CPU cost = 50% of dedicated compute



Burstable Instances

- Cost based on core fraction (baseline), can't guarantee performance or bursting availability, cheaper costs, slices 12.5% or 50% per VM - hyperthreading is disabled for that compute operation mode

Compute Shape Families

Flexible on demand (CPU x Memory)

Flex Virtual Machine Shapes

Flexibility to choose the exact number of Cores (OCPUs) and Memory



Shape name	OCPUs	Memory (GB)	Network bandwidth (Gbps)	Max. total VNICs ⓘ
<input checked="" type="checkbox"/> VM.Standard.E4.Flex	64	1024	40	24

You can customize the number of OCPUs and the amount of memory allocated to a flexible shape. The other resources scale proportionately. [Learn more about flexible shapes.](#)

Number of OCPUs

1 22 43 64

Burstable ⓘ

Amount of memory (GB) ⓘ

1 342 683 1024

SHAPE			
Standard	<p>Standard3 Intel Xeon Platinum 8358 X9 Ice Lake - 3.0 GHz - 3.7 GHz</p>	<p>Standard.E4 AMD 7J13 EPYC- 2.55 GHz - 3.5 GHz</p>	<p>Standard.A1 Ampere Altra Q80-30 A1 Arm-based- 3.0 GHz</p>
DenseIO	<p>51 TB NVMe SSD storage Intel Xeon Platinum 8167M X7 - 2.0 GHz - 2.4 GHz</p>	<p>54.4 TB NVMe SSD storage AMD 7J13 EPYC- 2.55 GHz - 3.5 GHz</p>	
HPC and Optimized	<p>Intel Xeon Gold 6354 X9 Ice Lake 3.0 GHz - 3.6 GHz 3.84 TB NVMe SSD storage Cluster RDMA Network 1.5µs latency, 100GB/s network</p>		
GPU	<p>NVIDIA Tesla V100 8x16 GB GPU Memory - 128 GB Intel Xeon Platinum 8167M X7 - 2.0 GHz - 2.4 GHz</p>	<p>NVIDIA A100 8x40 GB GPU Memory - 320 GB AMD 7542 EPYC 2.9 GHz - 3.4 GHz</p>	

OCI – Universal Credits (Modelo de cobrança)

Conta baseada 100% no seu consumo e sem amarras

O que é

- Um único contrato: acesso universal a todos os serviços IaaS e PaaS atuais e futuros
- Compromisso mínimo de consumo mensal para acesso a descontos pre-fixados
- Simplifica a experiência de compra do cliente; testa e usa de qualquer serviço IaaS ou PaaS
- Permite flexibilidade para atualizar, expandir ou mover serviços através dos datacenters
- Previsibilidade de preços ao longo do período do contrato
- Pagamentos em Reais com Impostos locais inclusos no faturamento
- Não possui atualização monetária ao USD (Sem PTAX)

Benefícios

Experiência de compra mais simples

- Contrato com um único conjunto de créditos (IaaS e PaaS)
- Sem pre-definição de uso de serviços ou quantidades

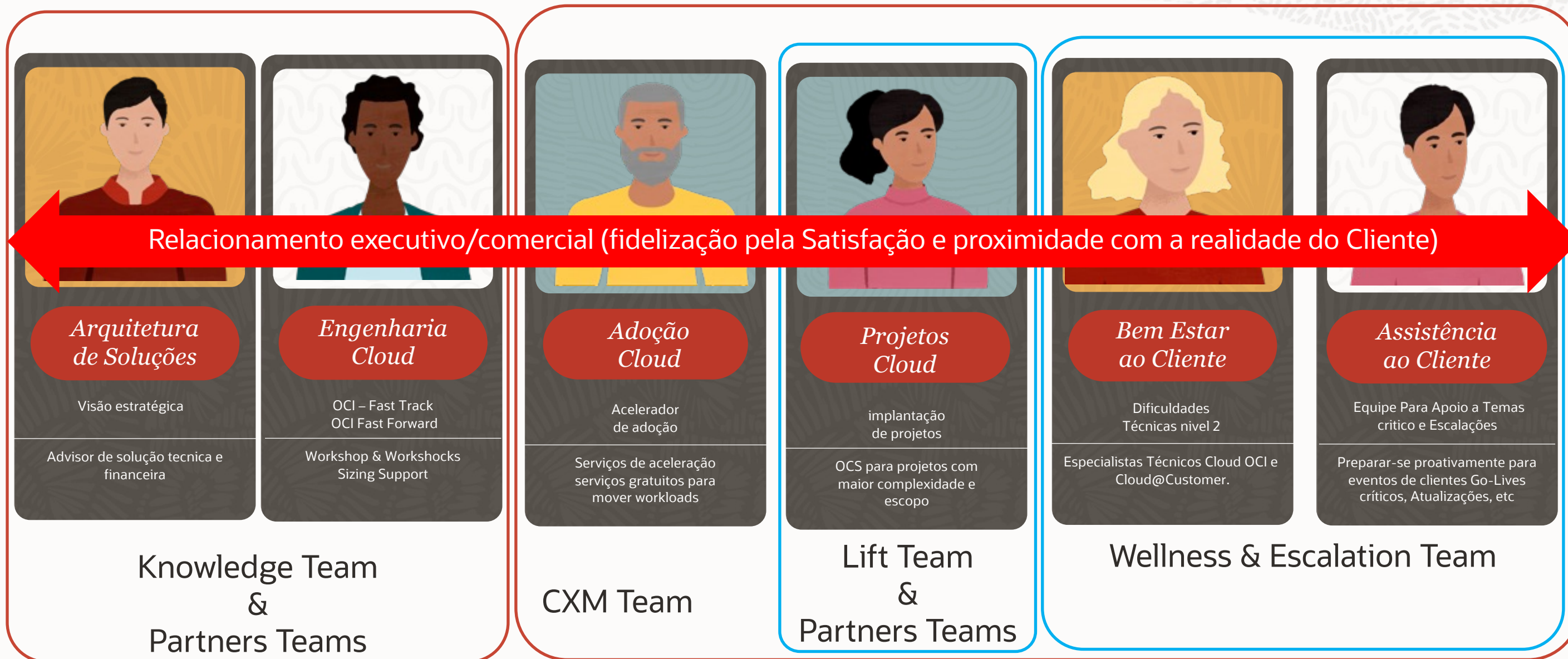
Processo de expansão mais fácil

- **OVERAGE** – cobrado pelo já existente no rate card
- **EXPANSION** – incremento no compromisso anual. Possibilidade de maior desconto no rate card

Maior flexibilidade

- A medida que novos serviços ficam disponíveis para uso
- Desconto padrão aplicado aos novos serviços
- Acesso a qualquer serviço em qualquer “OCI Region”
- Mesmo preço (ratecard) em qualquer “OCI Region”

Nossa forma de Gestão e conquista de satisfação com Experiência avançada e positiva á nossos Clientes



Resumo:

OCI -Oracle Cloud Infrastructure

A Cloud Enterprise disponível para todos seguimentos de industria e tamanhos de Clientes.

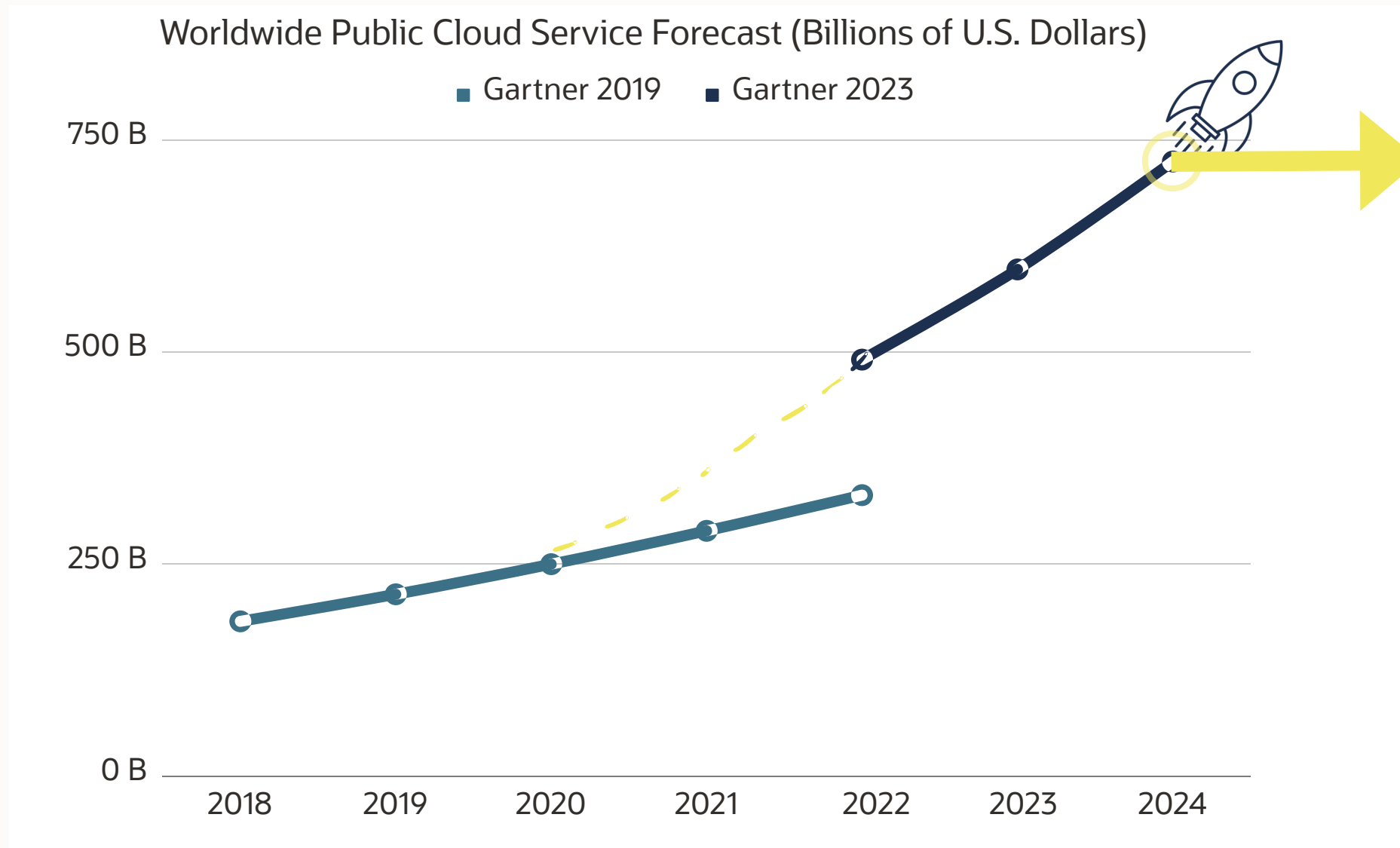
Foco no Não desperdício de Serviços, Segurança, Performance e simplicidade de billing (conta), e redução TCO frente a outras alternativas.

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Cloud é investimento



\$724 Bilhões

de investimento
em Cloud
previsto para
2024!

Fonte: Gartner (2019 e 2023)

FinOps se faz cada vez mais necessário

—

FinOps =
Finance + DevOps

O objetivo do FinOps é obter o máximo de valor em Cloud,
reduzindo ao máximo os desperdícios!

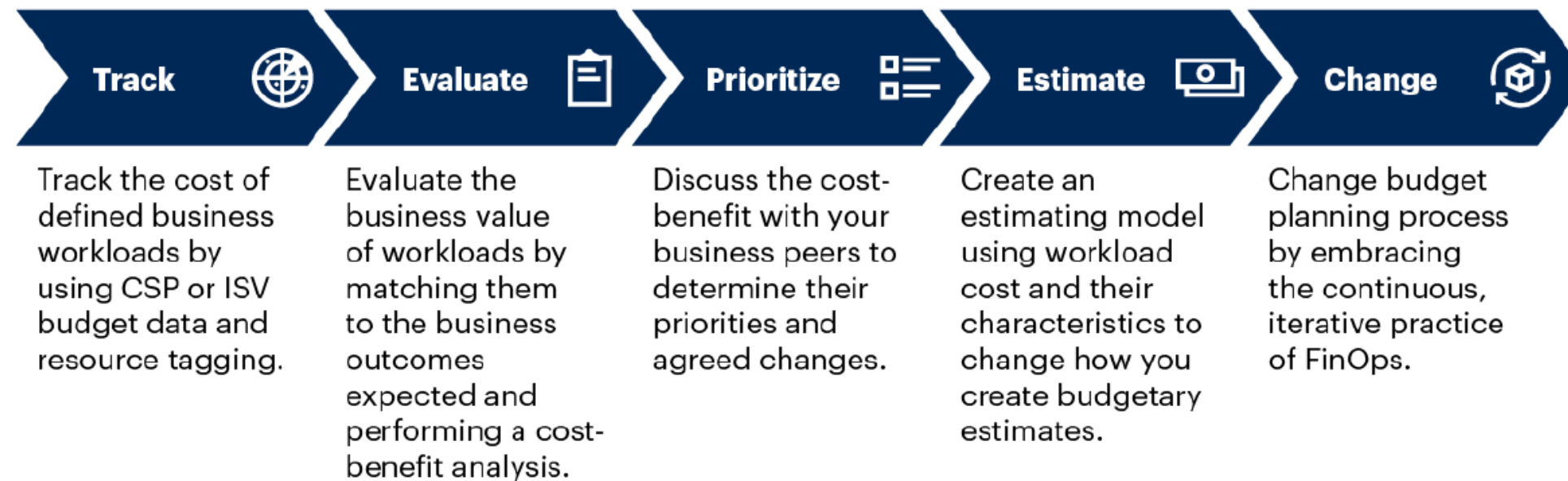


O que é FinOps em Nuvem?

“A transição acelerada para a nuvem pública expõe o custo granular de cargas de trabalho específicas pela primeira vez. Os líderes de dados e análises devem adotar FinOps e trabalhar com CFOs para modernizar seus processos orçamentários e garantir a alocação ideal de recursos.”

Figure 3: Introducing FinOps into your Data and Analytics Organization

Introducing FinOps into your Data and Analytics Organization



Source: Gartner
738930_C

Gartner

FinOps Framework

FinOps Framework

FinOps is an evolving **cloud financial management discipline** and **cultural practice** that enables organizations to get **maximum business value** by helping engineering, finance & business teams to collaborate on data-driven spending decision

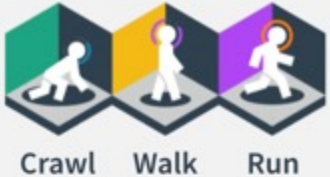
Principles

- ▶ Teams need to collaborate
- ▶ Everyone takes ownership for their cloud usage
- ▶ A centralized team drives FinOps
- ▶ Reports should be accessible and timely
- ▶ Decisions are driven by business value of cloud
- ▶ Take advantage of the variable cost model of the cloud

Personas



Maturity



Phases



Domains



Oracle Cloud

[✍ Make Suggestion](#)[Visit Partner Website](#)

Oracle Cloud is the first public cloud built from the ground up to be a better cloud for every application. By rethinking core engineering and systems design for cloud computing, we created innovations that accelerate migrations, deliver better reliability and performance for all applications, and offer the complete services customers need to build innovative cloud applications.

OCI's Cloud Adoption Framework helps organizations facilitate their transition to the cloud by offering a valuable collection of cloud resources, best practices, tutorials, and enablement tools. This framework helps customers define a robust cloud strategy, plan for successful workload migration, and ensure complete manageability of cloud environments. The Cloud Adoption Framework provides customers with a methodology to use Oracle Cloud built-in efficiencies such as Cloud Lift Services, and key value programs, including Oracle Support Rewards.



Supports

ORACLE

Categories

CLOUD PROVIDER

Supported Framework Capabilities

COST ALLOCATION (METADATA & HIERARCHY)

DATA ANALYSIS AND SHOWBACK

MANAGING SHARED COST

FORECASTING

BUDGET MANAGEMENT

WORKLOAD MANAGEMENT & AUTOMATION

MANAGING COMMITMENT BASED DISCOUNTS

RESOURCE UTILIZATION & EFFICIENCY

MEASURING UNIT COSTS

DATA INGESTION & NORMALIZATION

CHARGEBACK & IT FINANCE INTEGRATION

ONBOARDING WORKLOADS

ESTABLISHING FINOPS CULTURE

CLOUD POLICY & GOVERNANCE

Supporting Resources

- [Cost Management Capabilities](#)
- [Oracle Cloud Advisor](#)
- [Oracle Cloud Lift Services](#)

Governance on Oracle Cloud Infrastructure

Provisioning



- Planejamento de custos
- Compartimentos e tags
- Políticas de provisionamento

Management



- Gestão de Recursos
- Controle e análise de custos
- Limites de recursos e suporte

Lifecycle



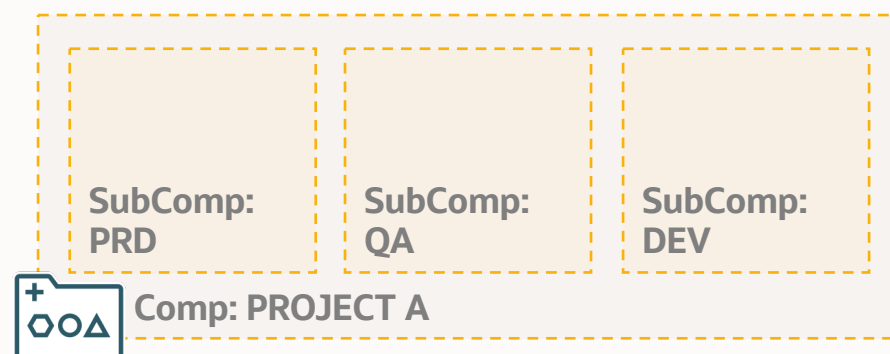
- Observabilidade
- Logs e Auditoria
- Otimização proativa



Organizing Tools: Compartments & Tags

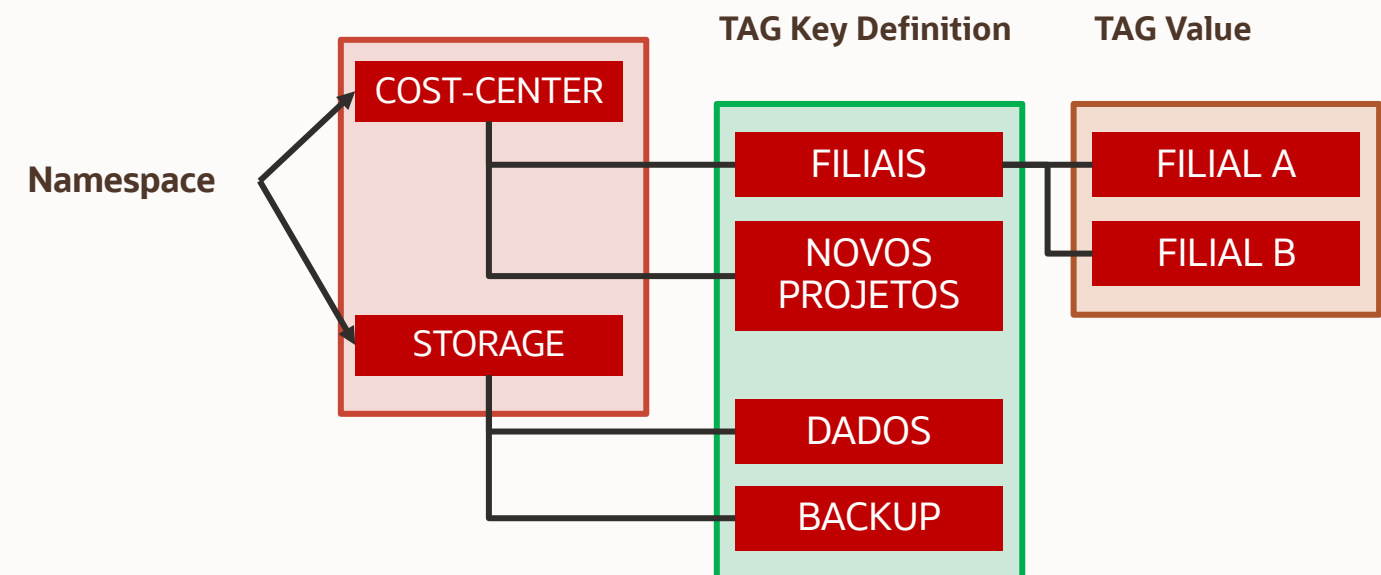
Compartments

- Agrupamento lógico, cada recurso está exatamente em um compartimento; usado para isolamento
- Os compartments são hierárquicos e são melhores para limites de permissão de criação.
- Os recursos podem ser conectados/compartilhados entre compartments
- Atribuição de custo: pode subtotalizar os custos por compartiment.



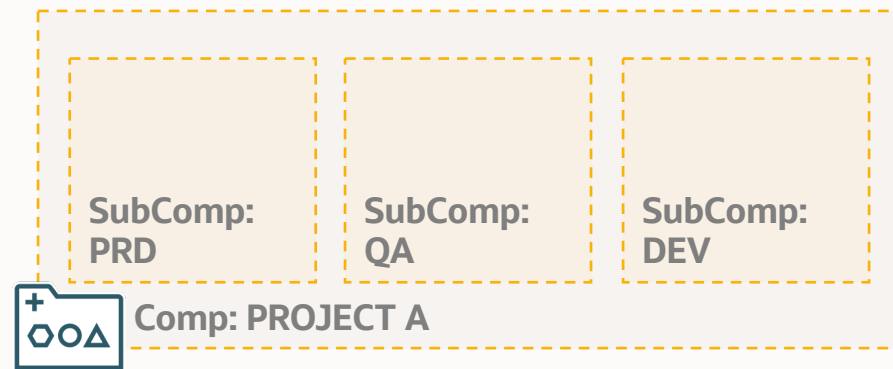
Tags

- Melhor usado para: atribuição de custos e atribuição de várias dimensões de metadados
- Atribuição de custo: use uma tag para rastrear os custos de projetos que abrangem compartimentos e para chargeback baseado em trabalho. Esteja ciente de que várias tags de controle de custo podem levar à contagem dupla.

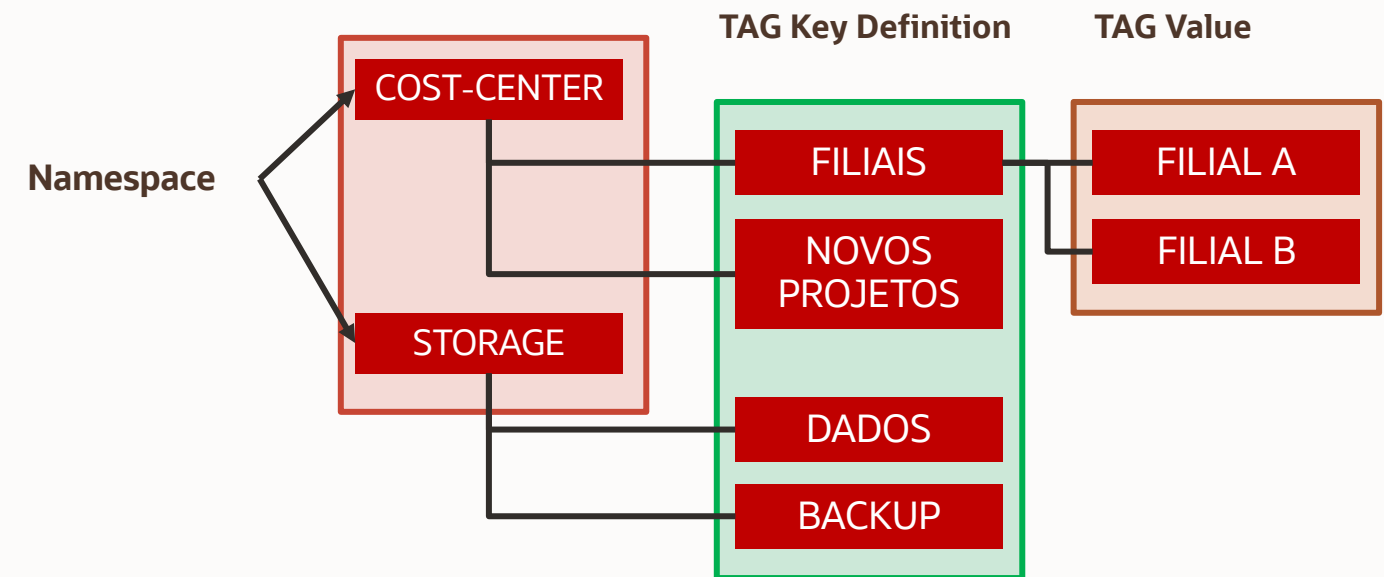


Organizing Tools: Compartments & Tags

Compartments



Tags



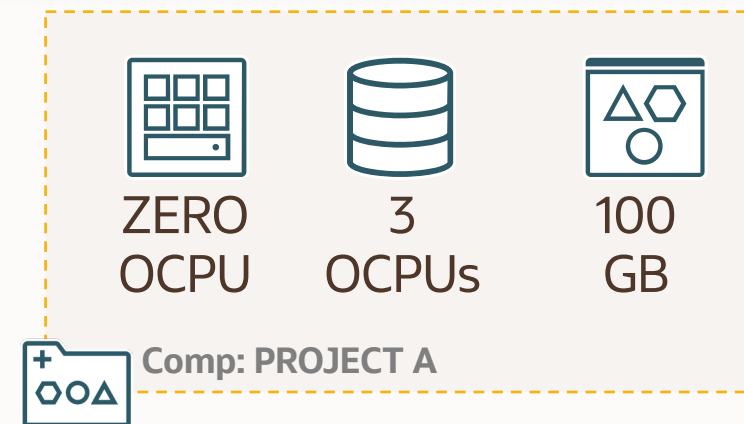
ORACLE Cloud

Compartment:	philpoc
Budget:	Tenancy_Commitment
Monthly budget:	\$700.00
Alert Type:	Forecast
Threshold:	100%
Spend in cycle:	\$362.49
Forecast:	\$749.14
Time in cycle:	15 / 31 days

Message from your administrator

You are getting this alert because you are forecasted to overspend your budget this month. Please take action to reduce your spending. If your increase in spending is required and you cannot find ways to save money, refer to internal guidelines at <http://myintranetsite.com/accounting/budgets>.

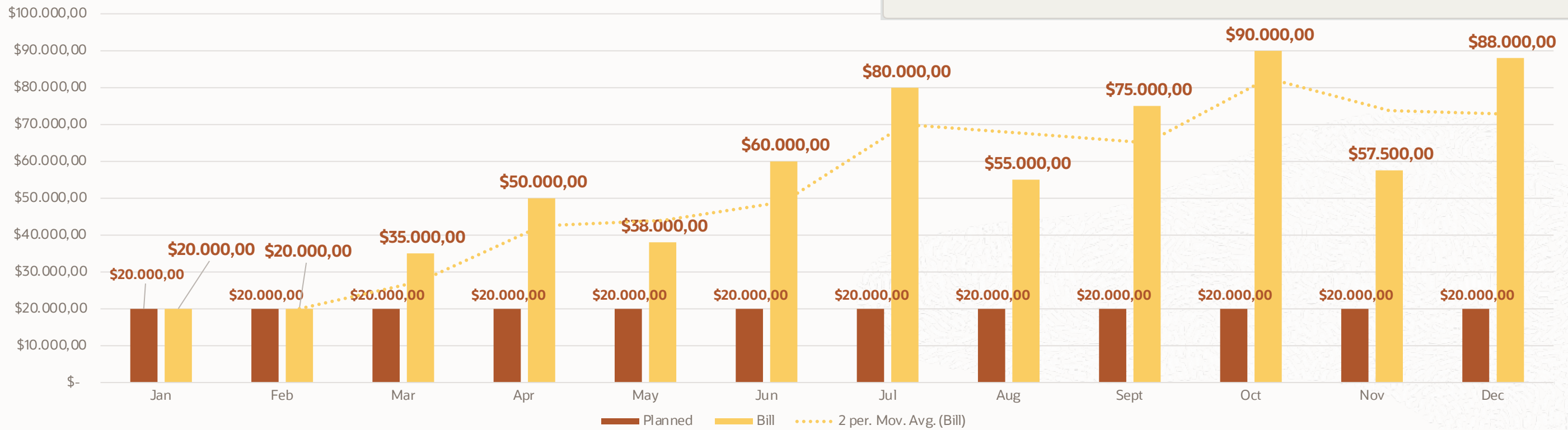
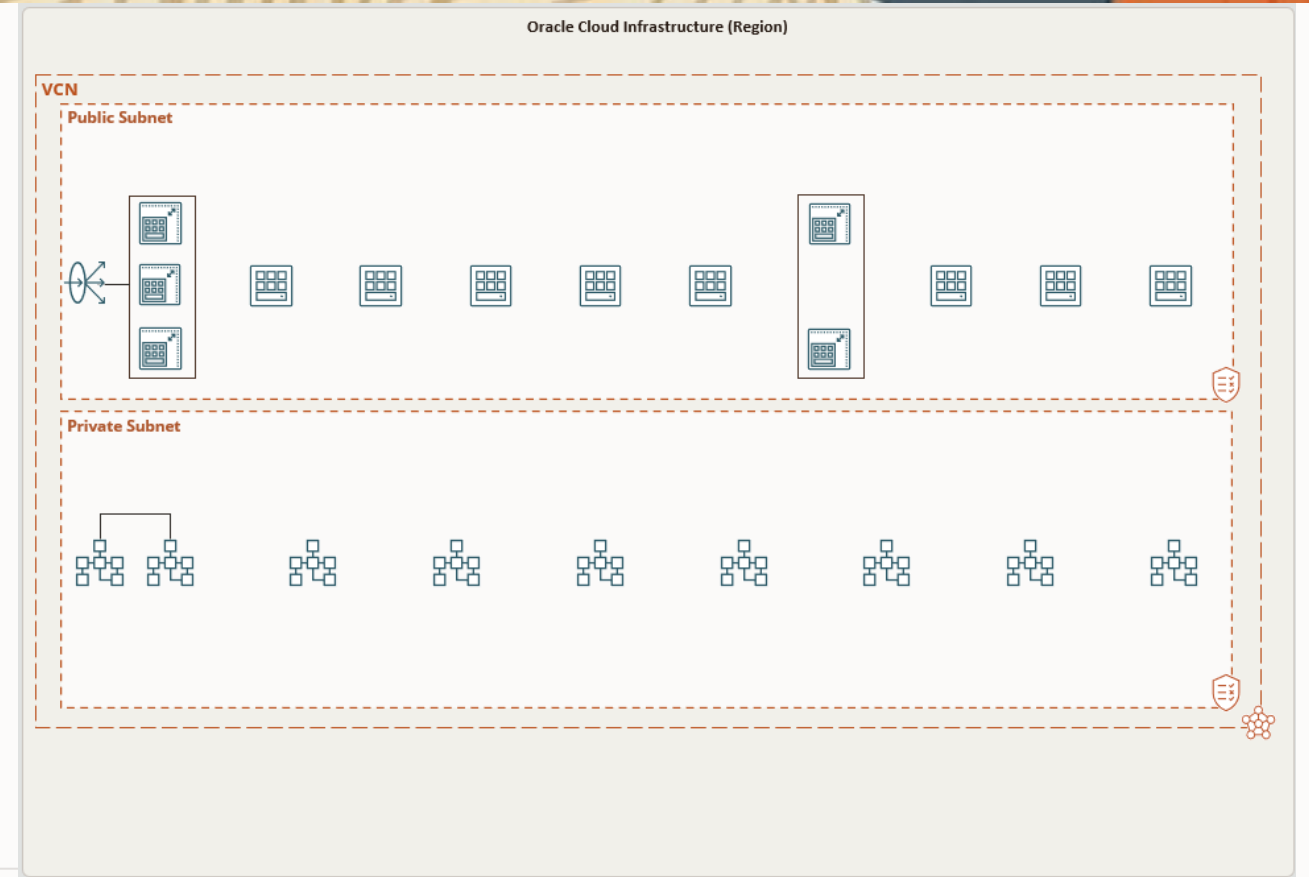
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Oracle Corporation - Worldwide Headquarters, 500 Oracle Parkway, Redwood Shores, CA 94065, United States



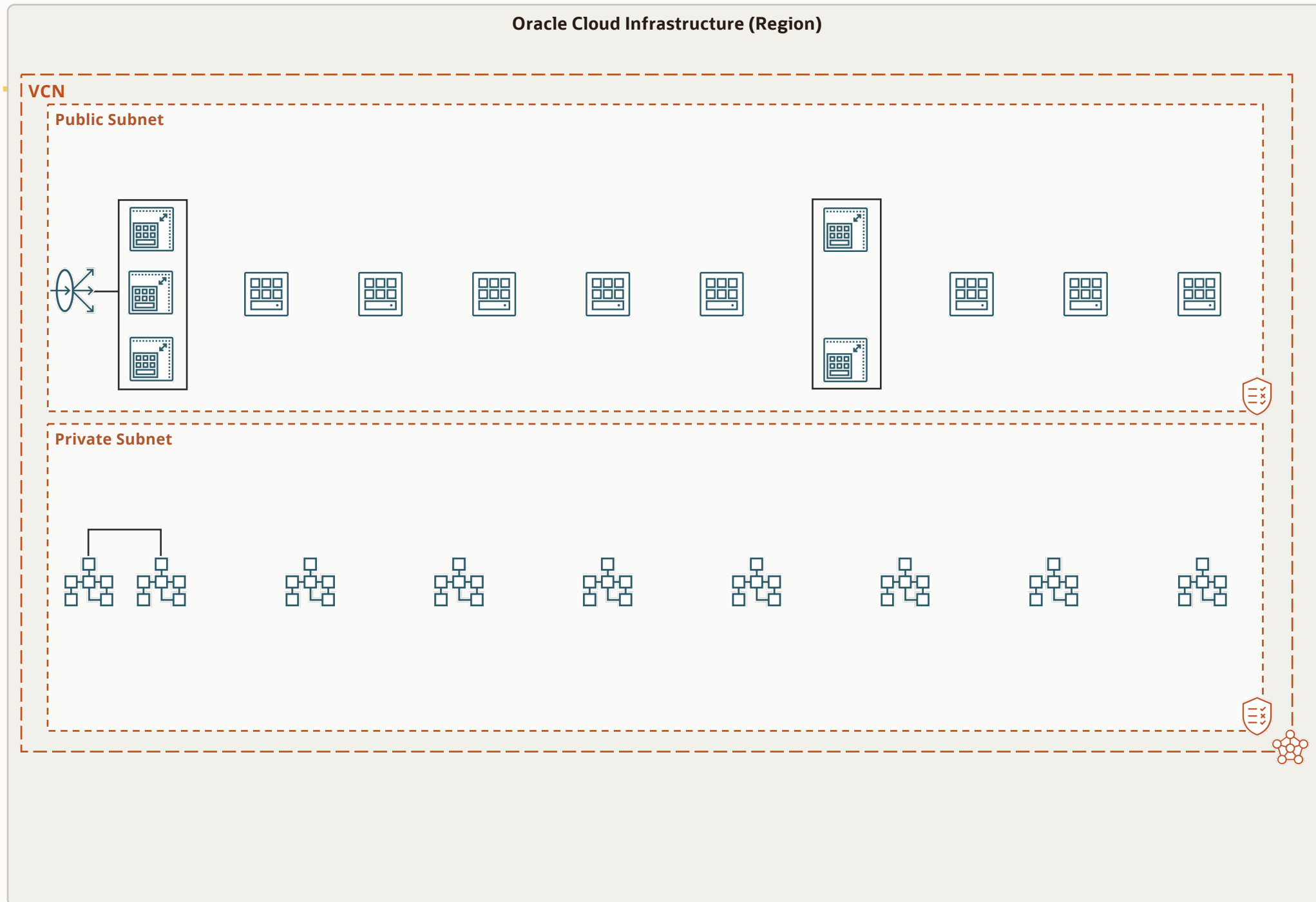
Cloud Usual Billing Workflow

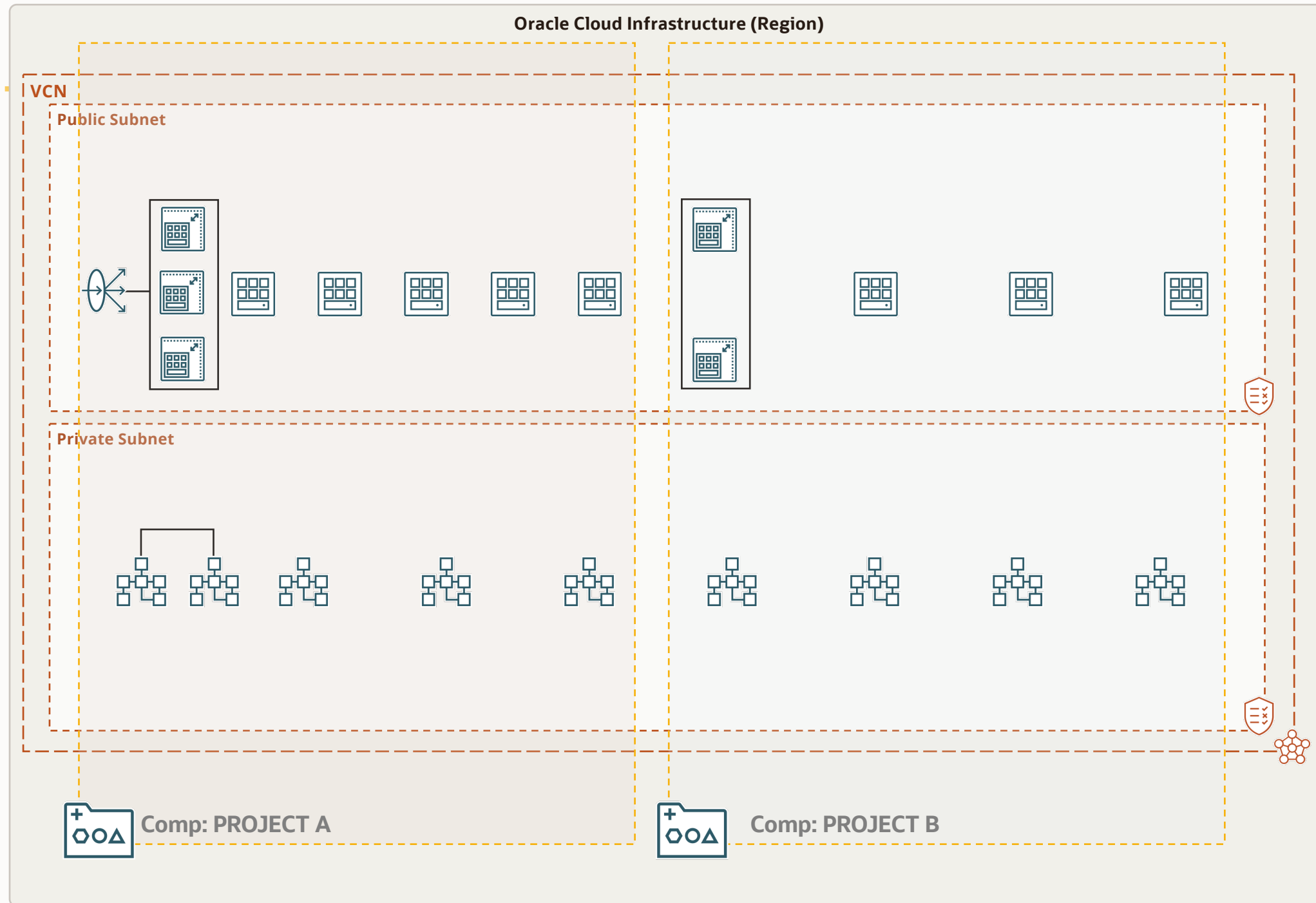
Customer's biggest fear

- No control over network traffic
- No control over resource provisioning
- No control over monthly billing
- No visibility over credit usage



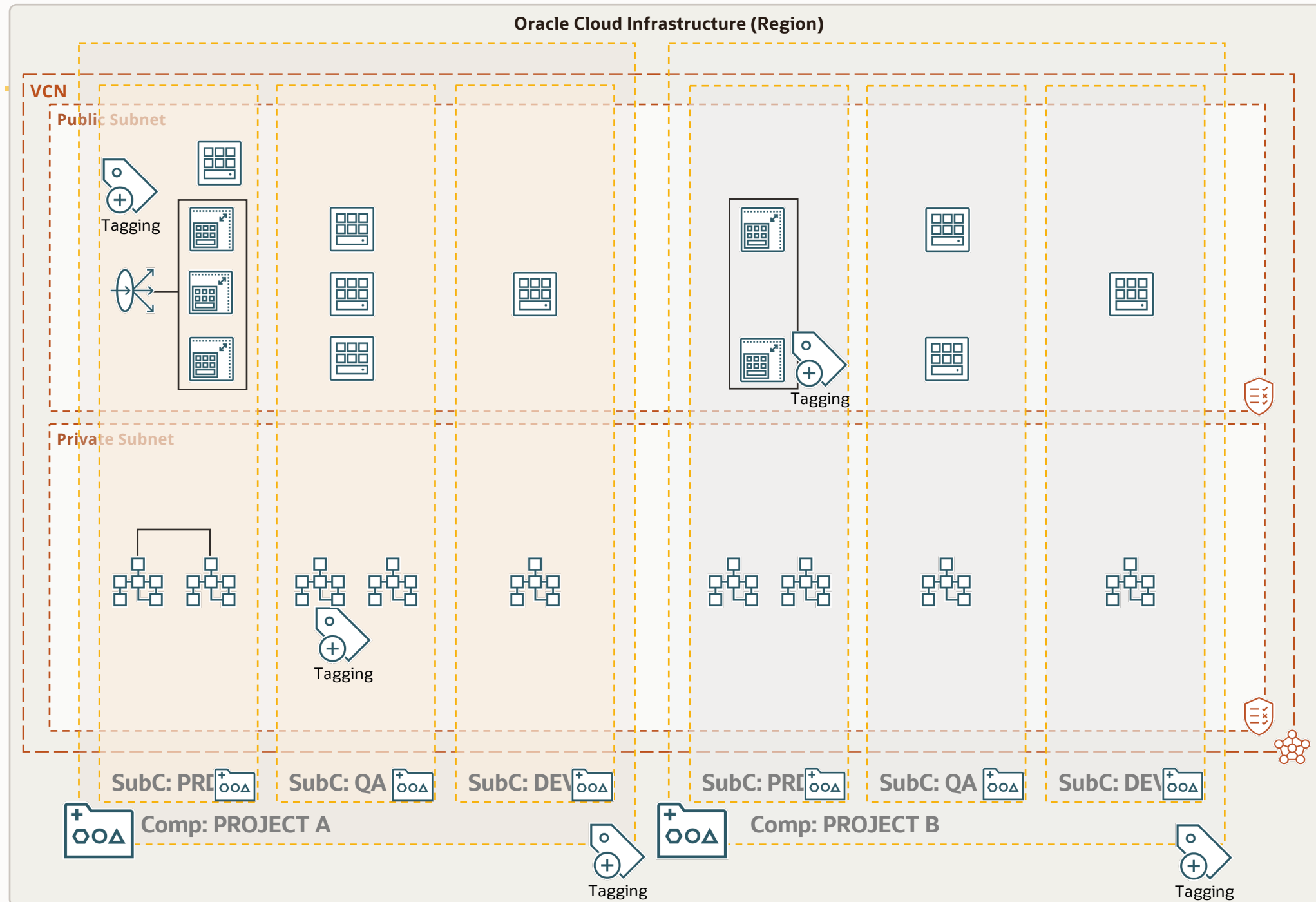
Oracle Cloud Resource Consumption Tools





Compartments

- Pode definir e controlar o orçamento de cada **Compartment**
- Você pode controlar o acesso e a visibilidade do objeto em cada **Compartment**



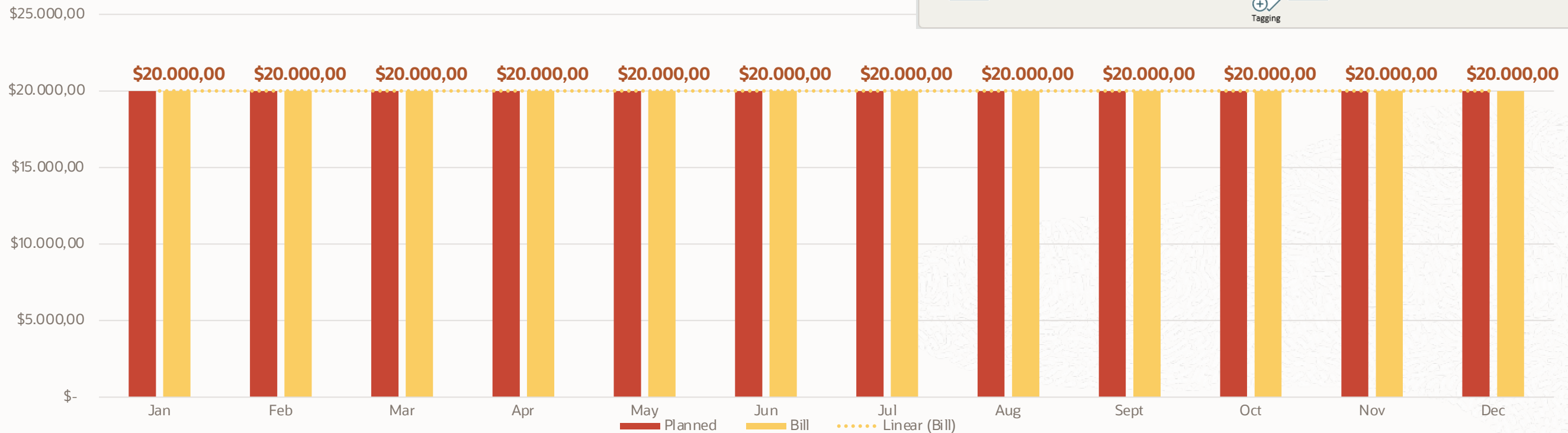
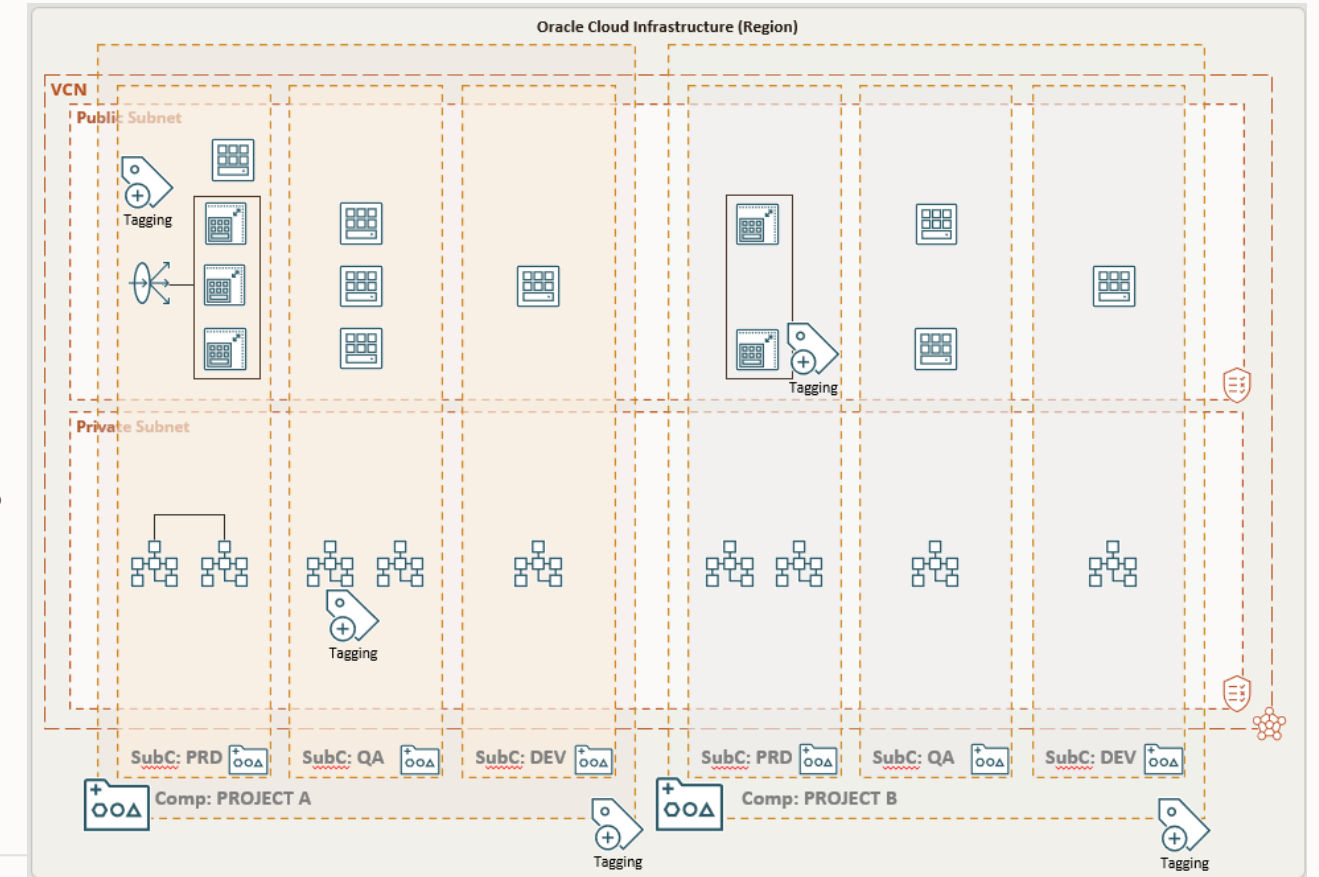
Compartments, Subcompartments and Tags

- Você pode definir e controlar o orçamento de cada Compartment, Subcompartment e Tags
- Você pode controlar o acesso e a visibilidade do objeto em cada **Compartment** e **Subcompartment**
- Você pode marcar cada recurso, controlar seu custo de forma independente e ações em massa de script com base em **Tags**

Oracle Cloud Billing Workflow

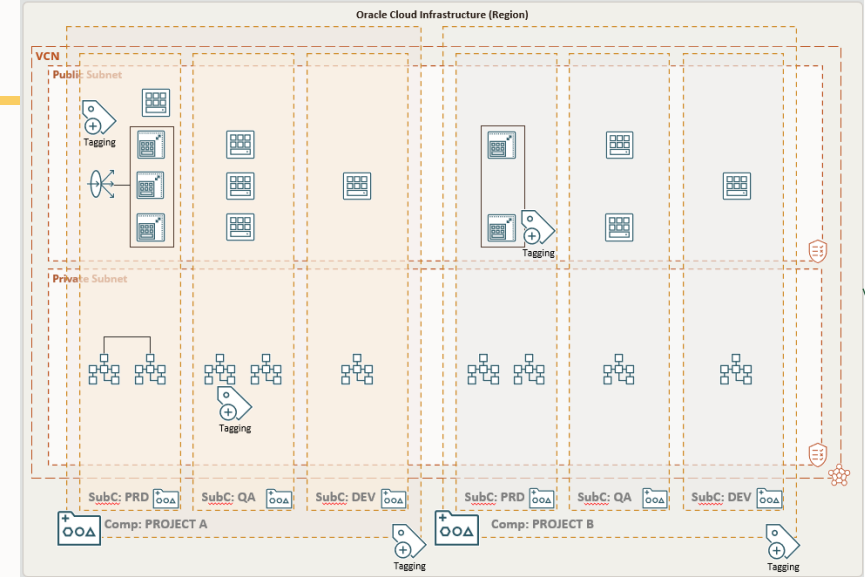
Total control and Transparency

- Sem cobrança de data in, 10 TB grátis na data out por mês
- “Cota de usuário” para controle de provisionamento de recursos
- “Controle Orçamentário” sobre compartment e tags
- “Relatório de uso de consumo” disponível no portal OCI

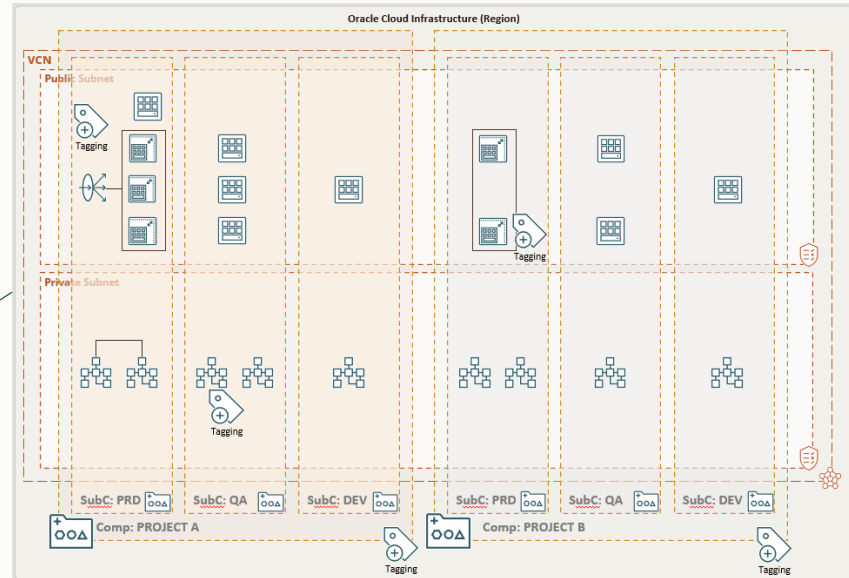


Oracle Cloud Organization

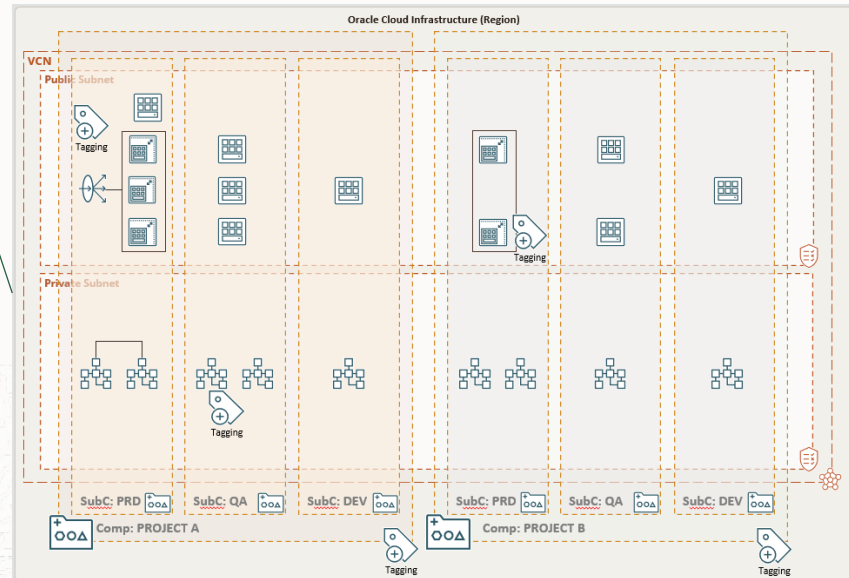
For complex Ecosystem



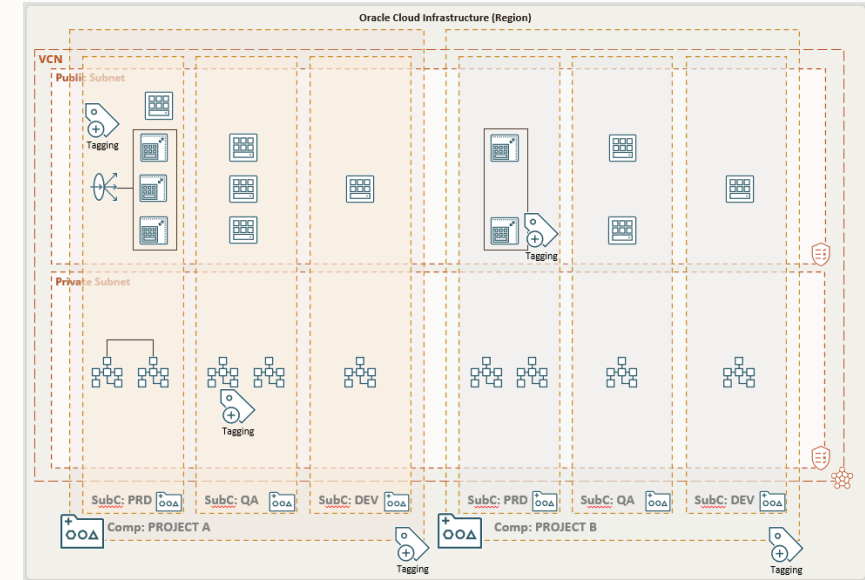
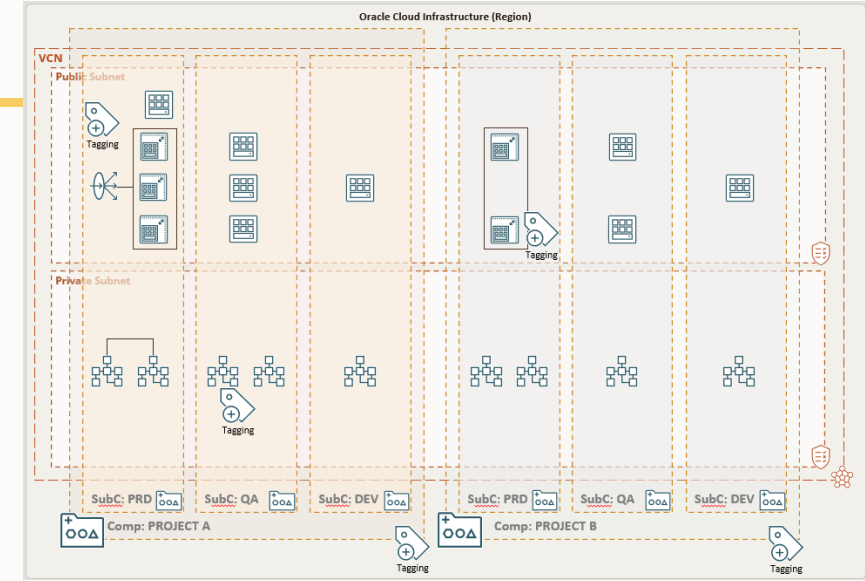
Subscription
(with universal credits pre-acquired in contract)



Subscription
(with universal credits pre-acquired in contract)

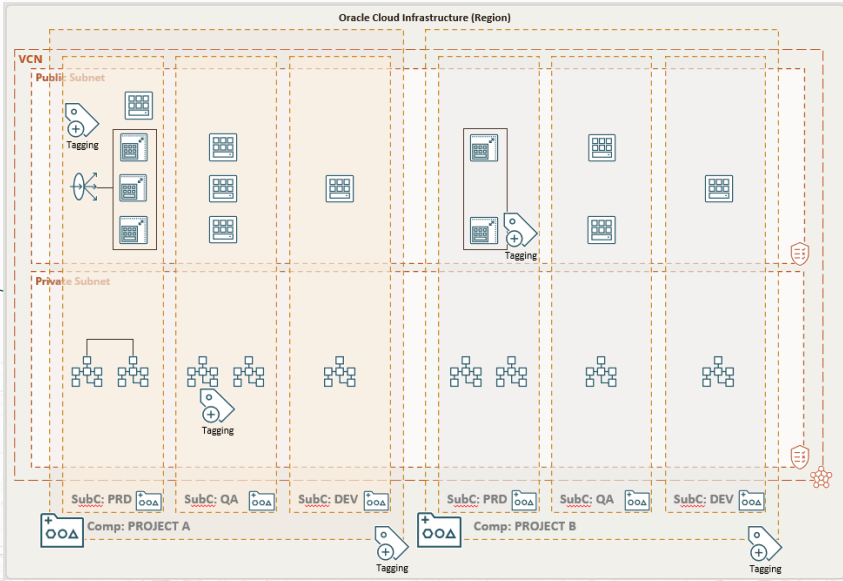
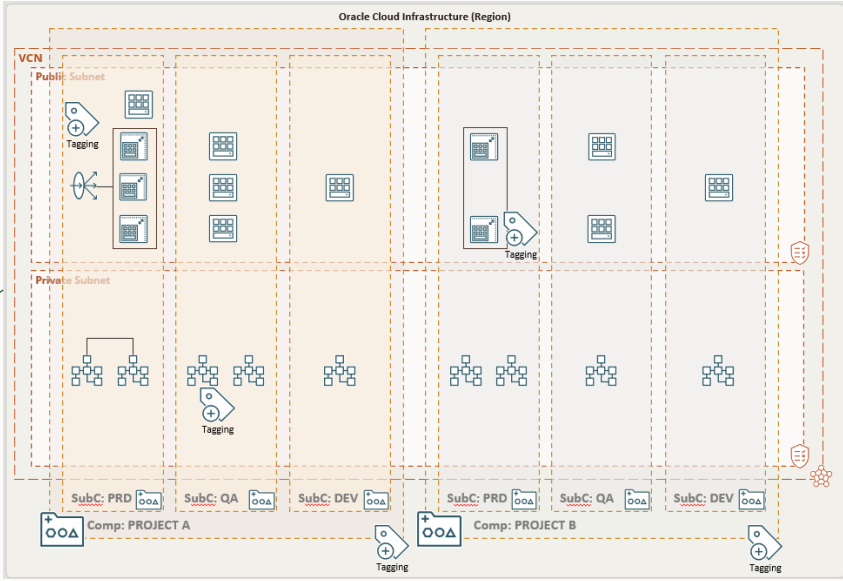


Oracle Cloud Organization For complex Ecosystem



Subscription
(with universal credits
pre-acquired in contract)

Subscription
(with universal credits
pre-acquired in contract)



Governance on Oracle Cloud Infrastructure

Provisioning



Management



- Gestão de Recursos
- Controle e análise de custos
- Limites de recursos e suporte

Lifecycle



Observability



Oracle Cloud Observability and Management Platform

Visibilidade e insights rápidos de desempenho para qualquer tecnologia, implantada em qualquer lugar

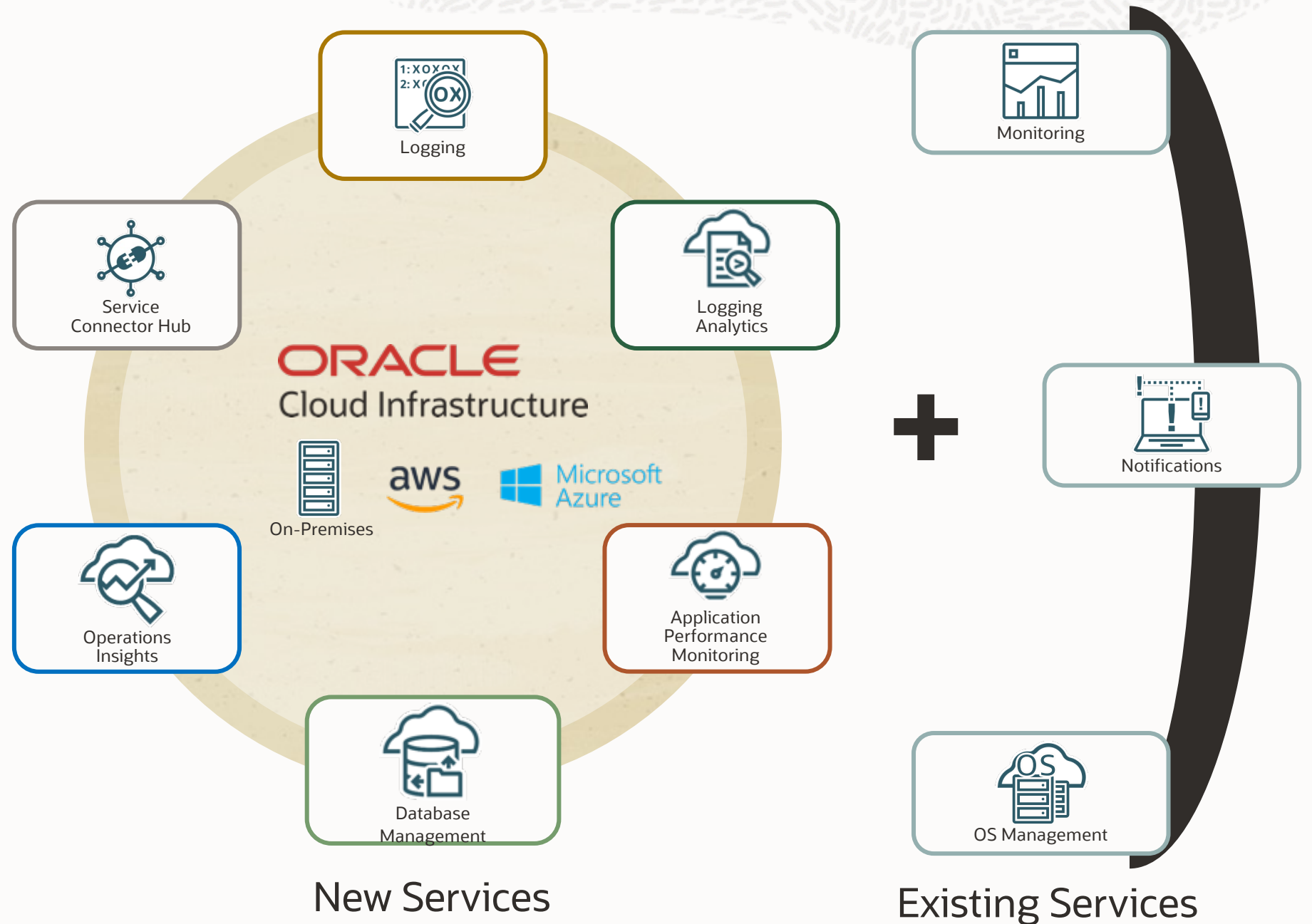
Integrated platform permite uma análise perfeita em todos os componentes de software e tipos de telemetria

Cross-tier view de desempenho de aplicativos, banco de dados e infraestrutura

Cloud-native and traditional technology stack support

Enterprise-wide visibility em Oracle Cloud, nuvens de terceiros e no local

Ecosystem interoperability por meio de troca e coleta de dados com base em padrões





Cost Control and Analysis





Add new widget


Filter widgets


 **Monitoring**
View and compare metrics


 **Markdown**
Add and format text

 **Cost management**
Analyze your current cost

 **Logging data table**
View and explore log data

 **Resource explorer**
View resources by compartment

 **Billing**
View current billing cycle information

 **Logging chart**
Visualized and analyze log data

rd

s and dashboard groups

View by compartment and dashboard group
View resources by compartment and dashboard group

Dashboard group
dev

risto compartment, dev group

Created
Wed, Apr 6, 2022, 19:07:35 UTC

Showing 1 items < 1 of 1 >

Cost Analysis Console

ORACLE Cloud Search for resources, services, and documentation

Governance & Administration

- Account Management
 - Tenancy Details
 - Announcements
- Governance
 - Tenancy Explorer
 - Quota Policies
- Cost Management**
 - Cost Analysis**
 - Cost and Usage Reports

Cost Analysis

Subscription ID: 10313490 [View subscription details](#)

Reports: Costs by Service and Description (edited) **Save as New Report** Report Actions

Start Date (UTC): Aug 17, 2021 End Date (UTC): Aug 27, 2021 Granularity: Daily Show: Cost Show Forecast

Filters: Add Filter | X Compartment (1)

Grouping Dimensions: Service and Product Description

Apply **Cancel**

Select a Grouping Dimension

- Availability Domain
- Compartment
- Platform
- Region
- Resource OCID
- Service
- Service and Product Description
- Service and SKU (Part Number)
- SKU (Part Number)
- SKU (Product Description)
- Subscription ID
- Tag
- Tenant ID**
- Tenant Name

Monthly **Daily** **Cost** **Usage**

Availability Domains

- Compartment
- Platform
- Tag
- Region
- Service
- Subscription ID
- Resource OCID
- Product description
- SKU (Part Number)
- Tenant
- Unit

Cost Analysis

Reports

Subscription ID: 10313490 [View subscription details](#)

Costs by Service and Description (edited) ↕

Save as New Report

Report Actions ▼

Start Date (UTC)

Aug 17, 2021

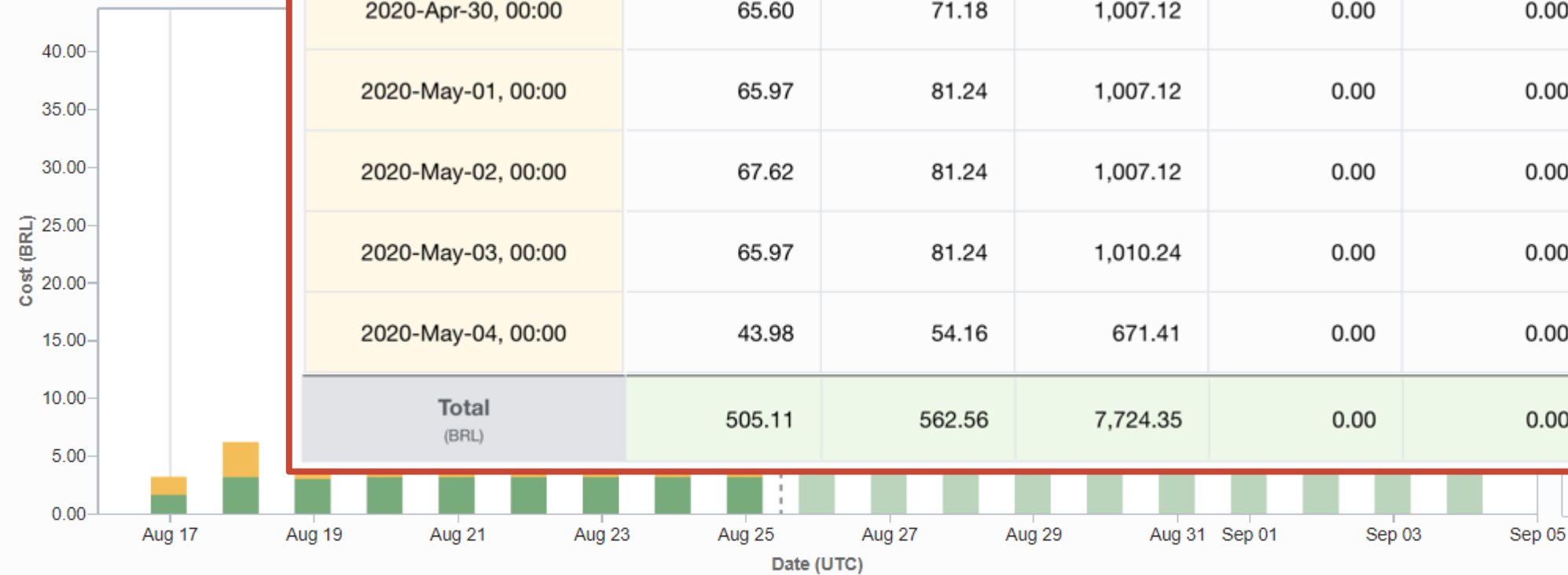
Cost details (BRL)

Cost details by date

Cost by Date (UTC)

Time Period : Aug 17, 2021

Total (includes forecast) :



Date (UTC)	Block Storage (BRL)	Compute (BRL)	Database (BRL)	Object Storage	Telemetry (BRL)	Virtual Cloud ... (BRL)	Virtual Privat...	Total (BRL)
2020-Apr-27, 00:00	65.12	64.68	1,007.12	0.00	0.00	0.00	0.00	1,136.92
2020-Apr-28, 00:00	65.42	64.68	1,007.12	0.00	0.00	0.00	0.00	1,137.22
2020-Apr-29, 00:00	65.42	64.12	1,007.12	0.00	0.00	0.00	0.00	1,136.66
2020-Apr-30, 00:00	65.60	71.18	1,007.12	0.00	0.00	0.00	0.00	1,143.89
2020-May-01, 00:00	65.97	81.24	1,007.12	0.00	0.00	0.00	0.00	1,154.33
2020-May-02, 00:00	67.62	81.24	1,007.12	0.00	0.00	0.00	0.00	1,155.98
2020-May-03, 00:00	65.97	81.24	1,010.24	0.00	0.00	0.00	0.00	1,157.46
2020-May-04, 00:00	43.98	54.16	671.41	0.00	0.00	0.00	0.00	769.56
Total (BRL)	505.11	562.56	7,724.35	0.00	0.00	0.00	0.00	8,792.02

Cost and Usage Reports

The screenshot shows the Oracle Cloud Governance & Administration console. At the top, there is a search bar for resources, services, and documentation. Below it, the 'Governance & Administration' section is active. A search bar is also present. The main content area is titled 'Cost and Usage Reports' and includes a descriptive paragraph: 'Cost and usage reports are CSV files generated daily that show usage data for each resource in your tenancy. The CSV files are stored in an object storage bucket that is accessible using a cross-tenancy policy. [Learn more](#)'. Below this text is a table with three columns: 'Name', 'Created', and 'Size'. The table lists six CSV reports with their respective creation times and sizes. On the left sidebar, the 'Governance & Administration' menu item is highlighted with a red box.

Name	Created	Size
reports/cost-csv/0001000000054209.csv.gz	Fri, 03 Jul 2020 01:48:51 GMT	41.33 KiB
reports/usage-csv/0001000000233745.csv.gz	Fri, 03 Jul 2020 00:47:24 GMT	33.14 KiB
reports/cost-csv/0001000000053349.csv.gz	Thu, 02 Jul 2020 01:02:04 GMT	28.31 KiB
reports/usage-csv/0001000000233024.csv.gz	Thu, 02 Jul 2020 00:45:53 GMT	32.58 KiB
reports/usage-csv/0001000000232295.csv.gz	Wed, 01 Jul 2020 00:51:20 GMT	31.78 KiB
reports/cost-csv/0001000000052799.csv.gz	Wed, 01 Jul 2020 00:49:16 GMT	33.19 KiB

Governance on Oracle Cloud Infrastructure

Provisioning



Management



Lifecycle



- Observabilidade
- Logs e auditoria
- Otimização proativa

Proactive Optimization



Cloud Advisor

Overview

O **Cloud Advisor** encontra possíveis ineficiências em sua locação e oferece soluções guiadas que explicam como resolvê-las.

As recomendações ajudam você a maximizar a economia de custos e melhorar a segurança de seu tenancy.

Cloud Advisor te ajuda:

- Reduza instâncias de computação subutilizadas
- Redimensionar bancos de dados autônomos subutilizados
- Anexe ou exclua volumes de blocos órfãos e volumes de inicialização
- Habilitar monitoramento para instâncias de computação
- Ativar o gerenciamento do ciclo de vida do objeto
- Excluir instâncias de computação ociosas



Cloud Advisor



Cloud Advisor

Cloud Advisor

Dashboard

Recommendations

History

Settings

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 provides guided solutions explaining how to fix them. In addition, built-in Cloud Guard recommendations help you see and address security vulnerabilities. You can customize 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 Wed Dec 9 2020 03:25:04 UTC

[Details](#)

\$2.198,00 estimate savings*



0	Critical
1	High
26	Medium
0	Low
0	Minor



3	Implemented
27	Pending

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.

Security

last checked Wed Dec 9 2020 15:25:10 UTC

[Details](#)

71 GOOD security posture rating



13	Critical
51	High
117	Medium
119	Low
128	Minor

Problems by region



Cloud Guard helps you monitor, identify, and maintain a strong security posture on Oracle Cloud. Use the service to examine your Oracle Cloud Infrastructure resources for security weakness and to examine your operators and users for risky behavior. Upon detection, Cloud Guard can suggest, assist, or take corrective actions, based on your configuration.



Cloud Advisor

Proactive Cost Advisor



Cloud Guard

Proactive Security Advisor



Cloud Advisor

Oracle Cloud Advisor



ORACLE Cloud

Applications >

Search for resources, services, and documentation

US East (Ashburn) v



Cloud Advisor

Dashboard

Recommendations

History

Settings

Recommendations

Refreshed on: Wed Dec 9 2020 03:25:04 UTC

Cost Management recommendations

[View security recommendations from Cloud Guard](#)

Download

Recommendation	Pending ▲	Estimated Savings	Status	Importance	Dismissed/Postponed	Implemented
Enable object lifecycle management	19	\$897/month*	Active	Medium	0	0
Attach or delete orphaned block volumes and boot volumes	5	\$454/month*	Active	Medium	0	0
Resize underutilized ADW and ATP databases	2	\$782/month*	Active	Medium	0	1
Downsize underutilized compute instances	1	\$541/month*	Active	High	0	2
Enable monitoring on compute instances	0	Not Applicable	Active	Critical	0	0

Showing 5 items < 1 of 1 >

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

Resumo

Provisioning

- Planejamento de custos
- Compartimentos e Etiquetas
- Políticas de provisionamento

Management

- Gestão de Recursos
- Análise de custos
- Limites e Suporte

Lifecycle

- Integrações de terceiros
- Log e Auditoria
- Otimização proativa



IAM



Policies



Auditing



Logging



Monitoring



Notifications



Compartments



Tagging



Cost Analysis



Cloud Advisor



Cloud Guard

Agenda



- 1** Posicionamento OCI Oracle Cloud Infrastructure
Como ter benefícios com OCI
- 2** FinOPS – Gestão Financeira de Operações em Cloud
Velocidade não é nada Sem controle e o Barato pode Sair Caro
- 3** **Casos de Sucesso**
O Sucesso não é por acaso e sim uma construção
- 4** + Informações sobre OCI
Em português Brasil e Inglês USA

Nossos clientes da Indústria Financeira

Banking

Commercial Banking and Trades



Insurance

Health Insurance	
Life Insurance	
Property & Casualty	
Distribution	

Capital Markets

Market Infrastructure & Exchanges	
Assets Managers	
Broker Dealers	
Pension Funds & Trusts	



B3 - firma parceria com Oracle e Microsoft para migração de sistemas para a nuvem

Parceria estratégica para mover todos os sistemas para Cloud em 10 anos.

- A parceria tem como objetivo **acelerar a transformação digital da bolsa**, alavancar a modernização de plataformas, **desenvolver produtos e serviços e sobretudo desenvolver novas tecnologias** que hoje não estão disponíveis para operações de mercado financeiro.
- Menor custo de nuvem para todos os casos de uso da B3, benefícios diferenciados e sinergia com contratos existentes
- Cargas de trabalho já com tecnologias Oracle e Microsoft aceleram a adoção da Cloud.
- Abordagem Multicloud diminui a dependência de fornecedor único e permite utilizar o melhor de cada tecnologia
- Favorece tanto a construção de soluções Cloud Native como cargas de trabalhos pré-existentes



A operadora da bolsa brasileira fechou um acordo que tem duração de dez anos com a Microsoft e a Oracle para uso de suas tecnologias de Cloud OCI + Azure.“

<https://www.oracle.com/br/news/announcement/b3-partners-with-microsoft-and-oracle-to-migrate-its-systems-to-the-cloud-2022-05-12/>

Oracle Cloud Infrastructure (OCI) com serviços Exadata Cloud Services para Sinacor

Ganhos de Performance

- 41,26% de redução de uso de CPU
- > 54,62% de melhora nos SQL's otimizados pós-migração
- 1,5 hora de realização de backup full e diário de banco de dados TITUPRD



O Spok (Oracle Digital Assistant) está conectado ao Oracle HCM para ajudar os Nubankers com diversas situações do dia a dia

- Oracle Digital Assistant integrado ao canal Slack
- Multi-idiomas
- 3k funcionários



Resposta imediata das demandas dos funcionários

44%

de otimização do tempo do time de RH

> 3

Idiomas para atendimento



Letsbank dramatically lifts performance using Oracle Cloud

“Oracle Cloud Infrastructure allows you to use a variety of new features that would be much more expensive if deployed on-premises.”

Eric Cardoso

Head of Cybersecurity, Letsbank

Business Challenge:

Letsbank focuses on providing credit products and services to small- and medium-size businesses. Based on the concept of open banking, Letsbank allows non-bank partners to facilitate bank transactions, even if customers don't have a bank account.

Results:

- ✓ Performance drastically improved, with scalability to one million API calls with other non-bank partners expanding the ecosystem
- ✓ Letsbank has also reduced the number of transaction losses due to machine failures
- ✓ Improved the security and reliability of its service
- ✓ The company enjoys the financial flexibility to pay only for capacity used, which reduces overall costs

Products:

Oracle Cloud Infrastructure

Oracle Exadata Cloud Service

Read full story [here](#)

Image courtesy of <https://www.letsbank.com.br/>



Liga Invest

Arquitetura SINACOR em OCI

- A empresa **reduziu seu custo relacionado ao ambiente SINACOR em cerca de 27%** ao consolidar as bases em Exadata Cloud Service.
- Servidores do **SINACOR em Oracle Cloud** – Escalabilidade e performance foram os diferenciais no business case.
- Arquitetura de **Disaster Recovery em 2 Regiões OCI** no Brasil
- Integração com a rede **RSFN - Rede do Sistema Financeiro Nacional**



Toro impuliona plataforma Sinacor de investimento como fintech em Oracle Cloud Infrastructure

Arquitetura Sinacor em OCI

- A empresa **reduziu seu custo total de propriedade em cerca de 20%** ao mudar do Oracle Database para o Oracle Enterprise Database Service.
- **Mover suas cargas de trabalho para OCI deu à Toro acesso ao Oracle Container Engine for Kubernetes.** A arquitetura de cluster Kubernetes ajudou os programadores, equipes de desenvolvimento e engenheiros de operações da Toro a **criar e gerenciar novos aplicativos com mais rapidez.**
- **Sinacor com alta disponibilidade (DR)** e resiliência utilizando 2 Regiões Oracle Cloud no Brasil

Read full story [here](#)



Trinus Investimentos

Arquitetura Sinacor em OCI

- A empresa **reduziu seu custo total de propriedade em cerca de 60%** ao mudar do Oracle Database para o Oracle Enterprise Database Service.
- Servidores do **SINACOR em Oracle Cloud** – Escalabilidade e performance foram os diferenciais
- Arquitetura de **Disaster Recovery em 2 Regiões OCI** no Brasil
- Integração com a rede **RSFN - Rede do Sistema Financeiro Nacional**

Read full story [here](#)



“We love Oracle Cloud’s scalability, the pay-per-use model, and the ability to split services into virtual machines for faster customer interactions.”

Renato Machado, IT Manager, Trinus

The Esfera logo is displayed in a white rounded rectangle in the top left corner of the page. The background of the entire page is a woman's face overlaid with a digital grid and code, suggesting a tech or data theme.

Esfera aims for market leadership in customer loyalty with Oracle Cloud

“Since 2019, we’ve operated 100% in the Oracle Cloud. We had the opportunity to rewrite the platform, and we opted for Oracle Commerce and Oracle Kubernetes to be cloud native from the onset.”

Flavio Freitas

CTO, Esfera Fidelidade S.A.

Business Challenge:

Esfera is the customer loyalty program platform of Banco Santander in Brazil. To create a better customer experience and improve retention, Esfera looked for a cloud-based ecommerce platform to bolster its online shopping site. The solution needed to be scalable to support peak traffic without any interruptions.

Results:

Esfera adopted Oracle Commerce to relaunch its platform—an online marketplace containing more than 100,000 products and services from leading Brazilian retailers.

- ✓ Reduced cost of infrastructure ownership by 50%
- ✓ Ensured orchestration of more than 160 microprocesses of product lifecycle management with Oracle Kubernetes
- ✓ Increased speed of time to market
- ✓ Allowed Esfera to add new forms of payment previously not available
- ✓ Estimated cost savings of at least 30%, compared to building the platform on a public cloud

Products:

Oracle Cloud Infrastructure

Oracle CX

Oracle Container Engine for Kubernetes

Oracle Commerce

Read full story [here](#)

Image courtesy of <https://skyone.solutions/cases/ploomes-e-skyone-integracao-de-sistemas/>



Mercado Livre avança na inclusão financeira e na democratização do comércio eletrônico na Oracle Cloud

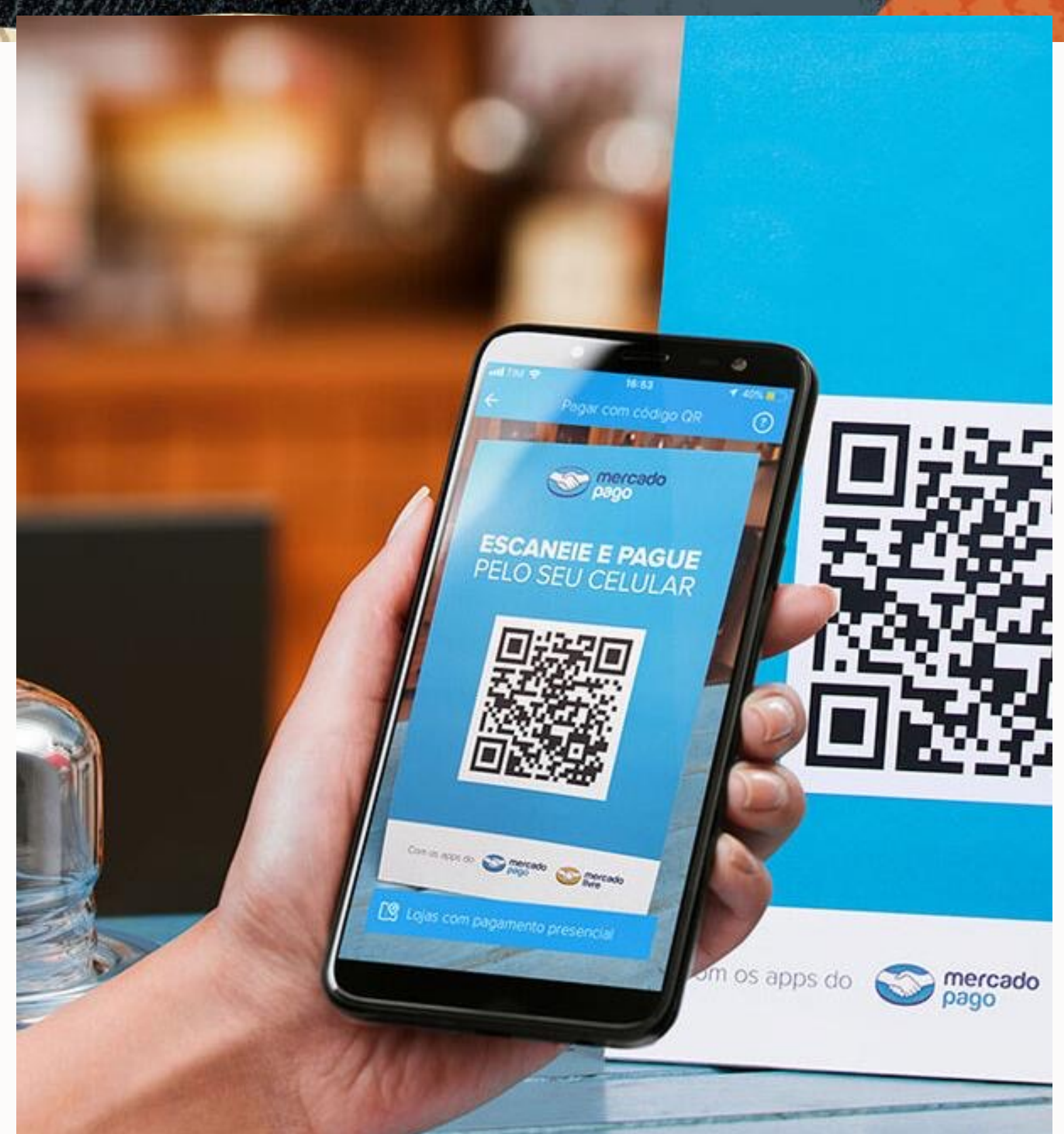
Mercado Livre é uma empresa de tecnologia que deve ser entendida como um "ecossistema" que oferece soluções tecnológicas para o comércio eletrônico.

Tem o objetivo de desligar seus DCs próprios e viver em um ambiente Multi-Cloud.

Começou sua jornada na OCI por meio de um ambiente de Disaster Recovery com High Availability do Oracle RAC.

Cerca de 400% de aumento na velocidade de transação no ExaCS.

Experiência ainda melhor em compras e envios para os usuários do Mercado Livre.



Experian aprimora análises e aplicações críticas em OCI



Desafios de Negócio

Diante de vários ambientes de big data antigos que precisavam ser atualizados, esse gigante dos serviços financeiros **modernizou seu ambiente de big data no Oracle Cloud**. A mudança para os serviços em nuvem da Oracle garantiu que a empresa pudesse escalar para lidar com o crescimento futuro enquanto fortalecia a resiliência sempre ativa de sua plataforma.

Resultados

- ✓ OCI atendeu às necessidades exclusivas, demonstrando **desempenho superior e redução de custos de 40-60% em comparação com outras nuvens**
- ✓ Substituiu vários elementos Hadoop por serviços de dados baseados em OCI

Porque Oracle Cloud

O Oracle Cloud Lift e uma abordagem Pilot-to-Production foram de grande ajuda para mudar para OCI

- **Sistemas de detecção de fraude: migrados para OCI e Exadata Cloud Service**
- Call Center Analytics: Migrado do serviço Hadoop gerenciado para OCI Lakehouse
- **Análise Financeira: migração de carga de trabalho de big data do Hadoop local para OCI Lakehouse**
- **Classificações de crédito no Brasil:** Movendo cargas de trabalho Spark baseadas em outra nuvem para OCI Lakehouse

Produtos Usados

OCI Data Flow
OCI Data Integration
OCI Data Science
OCI Data Catalog
Autonomous Data Warehouse
OCI Lift Services

Oracle Analytics Cloud
OCI Data Flow Service
OCI Object Storage
OCI Streaming Service
Exadata Cloud Services

Read full story [here](#)



Agenda



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- 4** **+ Informações sobre OCI**
Em português Brasil e Inglês USA

Public Resources – Em Portugues Brasil

Oracle Cloud Brazil (311 Videos em pt_BR)



[OCI IN POCKET - PLAYLIST](#)

[OCI IN LAB - PLAYLIST](#)

[INNOVATION & DEV](#)

[DATA & AI](#)

[CLOUD INFRASTRUCTURE](#)

[OCI DEVELOPER FAST TRACK - MAR/2022](#)

[OCI FAST TRACK](#)

[OCI DATA & AI FAST TRACK - JAN/2022](#)

[OCI DEVELOPER FAST TRACK - JAN/2022](#)

[OCI BLACK FRIDAY 2021 - PLAYLIST](#)

[TUTORIAIS FAST TRACK - LINUX TIPS](#)

[TUTORIAIS - LINUX TIPS ASSOCIATE](#)

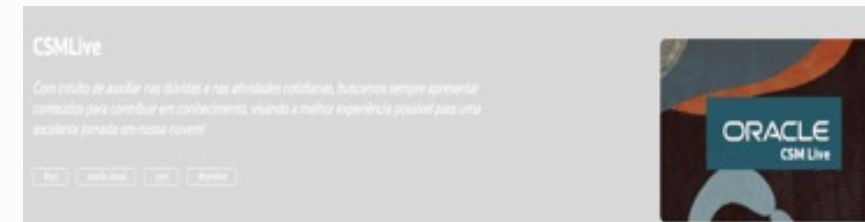
[OCI GUIDE - DATABASE](#)

[OCI GUIDE – SECURITY](#)

[PANEL WITH EXPERT – PLAYLIST](#)

[QUER COMEÇAR COM OCI? CLIQUE AQUI](#)

CSM Live (321 Videos em pt_BR)



[SÉRIE DE VÍDEOS SOBRE SEGURANÇA](#)

[SEGURANÇA](#)

[NETWORKING](#)

[WEBINAR](#)

[SHORTVIDEO](#)

[WORKSHOPS ORACLE HACK@CLOUD 3ª EDIÇÃO](#)

[WORKSHOPS HACK@CLOUD](#)

[DESAFIO HACK@CLOUD](#)

[MIGRANDO PARA O OCI](#)

[ARQUITETURAS DE HA E DR](#)

[GERENCIAMENTO E MONITORAMENTO](#)

[DESENVOLVIMENTO E INTEGRAÇÃO](#)

[DEVOPS](#)

[DATABASE](#)

[OCI - GET STARTED](#)

Oracle Live Labs



Welcome to Oracle LiveLabs!

Oracle Database World 2022
Americas April 26th
EMEA April 28th
JAPAC June 8th

Register for Database World

Application Developer

Low Code Developer

Data Scientist

DevOps Engineer

DBA

Find the workshop you want to try, then launch it. We'll guide you through the process from end to end.

Technology workshops: Database | Analytics | OCI | Security | AI/ML

Shortcuts: View All Workshops & Sprints | Try Autonomous Database for Free!

Featured Workshops

Workshop Title	Views	Duration	Status
Prevent and Detect Fraud Using Blockchain Tables on Oracle Autonomous Database	1306 Views	1 hr, 15 mins	New
Send Data from Oracle GoldenGate to OCI GoldenGate	3946 Views	2 hrs	Featured
Automatic Partitioning in Autonomous Database	943 Views	2 hrs	New
MuShop	3172 Views	3 hrs	Featured

<https://apexapps.oracle.com/pls/apex/dbpm/r/livelabs/home>

Public Resources – em Portugues Brasil

Eventos OCI - Agendas Semanais elaboradas e disponibilizadas mensalmente*

VideoHub – Data & AI Oracle Cloud Infrastructure Série Data & AI

OCI Data & AI Series – Evolução do Self-Service BI: Praticidade na análise de dados

Confira nossa playlist no VideoHub!

bit.ly/videohub-dataai

This banner features a central video player showing a presentation slide titled 'OCI Data & AI Series - Evolução do Self-Service BI: Praticidade na análise de dados'. To the right of the video is a QR code and the URL 'bit.ly/videohub-dataai'. The background is a dark green with a subtle pattern.

https://videohub.oracle.com/playlist/dedicated/158145621/1_q877ghig/1_fni4p1tv

VideoHub – Innovation & Dev Oracle Cloud Infrastructure Série Innovation & Dev

OCI In Lab - Oracle Apps – Aplicações prontas para uso na OCI em alguns cliques!

Confira nossa playlist no VideoHub!

bit.ly/videohub-innovationdev

This banner features a central video player showing a presentation slide titled 'OCI In Lab - Oracle Apps - Aplicações prontas para uso na OCI em alguns cliques!'. To the right of the video is a QR code and the URL 'bit.ly/videohub-innovationdev'. The background is a dark purple with a subtle pattern.

https://videohub.oracle.com/playlist/dedicated/158145621/1_4327gaso/1_oilqtuo7

VideoHub – Infra Oracle Cloud Infrastructure Série Infrastructure

OCI In Lab - OCI News Infrastructure na prática!

Confira nossa playlist no VideoHub!

bit.ly/videohub-infra

This banner features a central video player showing a presentation slide titled 'OCI In Lab - OCI News Infrastructure na prática!'. To the right of the video is a QR code and the URL 'bit.ly/videohub-infra'. The background is a dark blue with a subtle pattern.


https://videohub.oracle.com/playlist/dedicated/158145621/1_1bfc8ow8/1_oilqtuo7

Public Resources

OCI vs AWS

Why Oracle Cloud Infrastructure over Amazon Web Services

Oracle Cloud Infrastructure is built for enterprises seeking higher performance, lower costs, and easier cloud migration for their applications. Customers choose Oracle Cloud Infrastructure over AWS for several reasons: First, they can consume cloud services in the public cloud or within their own data center with Oracle Dedicated Region Cloud@Customer. Second, they can migrate and run any workload as is on Oracle Cloud, including Oracle databases and applications, VMware, or bare metal servers. Third, customers can easily implement security controls and automation to prevent misconfiguration errors and implement security best practices. Fourth, they have lower risks with Oracle's end-to-end SLAs covering performance, availability, and manageability of services. Finally, their workloads achieve better performance at a significantly lower cost with Oracle Cloud Infrastructure than AWS. Take a look at what makes Oracle Cloud Infrastructure a better cloud platform than AWS.



Altair runs on Oracle Cloud Infrastructure (0:39)

1. Deploy the same public cloud on-premises
2. Migrate Oracle workloads with confidence
3. Migrate and run any workload as is, including those that need bare metal or VMware
4. Simplify and automate security with our zero-trust approach
5. Reduce risk with Oracle's unique SLAs
6. Avoid AWS cost surprises

1. Deploy the same public cloud on-premises

Enterprises choose on-premises infrastructure to help meet their regulatory and data sovereignty requirements, to minimize latency, and to ensure local control of resources. They want to leverage the attributes and benefits of the public cloud while combining them with the isolation and security of on-premises infrastructure.

OCI vs Azure

Why Oracle Cloud Infrastructure over Microsoft Azure

Oracle Cloud Infrastructure is built for enterprises seeking higher performance, lower costs, and easier cloud migration for their applications. Customers choose Oracle Cloud Infrastructure over Microsoft Azure for several reasons: First, Oracle offers customers a high-performance computing platform for their most resource-intensive and performance-sensitive applications. Second, customers can consume their cloud services in the public cloud or within their own data center with Oracle Dedicated Region Cloud@Customer. Third, customers can migrate and run any workload as is on Oracle Cloud, including Oracle databases, VMware, or bare metal servers. Fourth, customers can easily implement security best practices, controls, and automation to prevent misconfiguration errors. Finally, their workloads achieve better performance at a significantly lower cost with Oracle Cloud Infrastructure. Take a look at what makes Oracle Cloud Infrastructure a better cloud platform than Microsoft Azure.

1. High-performance computing cloud platform
2. Deploy the same public cloud on-premises
3. Migrate and run any workload as-is, including those that need bare metal or VMware
4. Migrate Oracle workloads with confidence
5. Simplify and automate security with our security-first approach
6. Reduce risks with Oracle's unique SLAs
7. Optimize costs with guaranteed pricing and no hidden fees

1. High-performance computing cloud platform

OCI vs Google Cloud

Why Oracle Cloud Infrastructure over Google Cloud Platform

Oracle Cloud Infrastructure combines the elasticity and utility of public cloud with the granular control, security, and predictability of on-premises infrastructure. Customers choose Oracle Cloud Infrastructure over Google Cloud Platform for several reasons: First, customers can migrate every workload and build faster in Oracle Cloud. Second, customers can consume their cloud services in the public cloud or within their own data center with Oracle Dedicated Region Cloud@Customer. Third, customers can easily implement security best practices, controls, and automation to prevent misconfiguration errors. Fourth, customers have lower risks with Oracle's end-to-end SLAs covering performance, availability, and manageability of services. Finally, their workloads achieve better performance at a significantly lower cost with Oracle Cloud Infrastructure. Take a look at what makes Oracle Cloud Infrastructure a better cloud platform than Google Cloud.

1. Migrate every workload and build faster in the cloud
2. Deploy the same public cloud on-premises
3. Simplify and automate security with our zero-trust approach
4. Reduce risk with Oracle's unique SLAs
5. Optimize spend with guaranteed pricing and no hidden fees

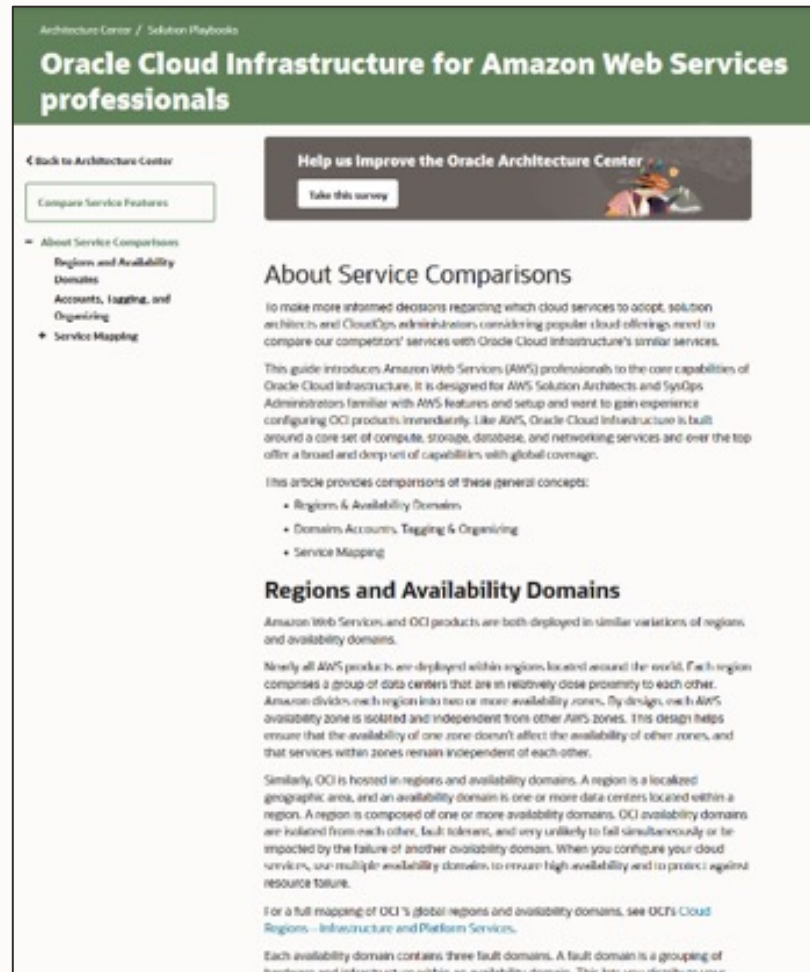
1. Migrate every workload and build faster in the cloud

Customers are increasingly migrating business-critical enterprise applications and databases running on-premises to the cloud to achieve operation efficiency and improve application performance and availability. On-premises physical servers enable customers to run workloads directly on bare metal server hardware when performance, latency, or security require it, and they want the same options in the public cloud. Most enterprises also run VMware vSphere in their data centers. They want to migrate the workloads running on these physical servers and VMware environments without rearchitecting applications, change familiar software or IT processes, or introduce complexity to their operations. Oracle makes this migration easy; Google Cloud Platform does not.

Oracle Cloud provides the best deployment options, highest performance, best availability, and lowest costs for Oracle databases and workloads. In the case of enterprise applications such as ERP, CRM, HCM, and others, Oracle offers customers the ability to ramp-up to a SaaS model, something not possible with Google Cloud as it does not offer any enterprise SaaS application.

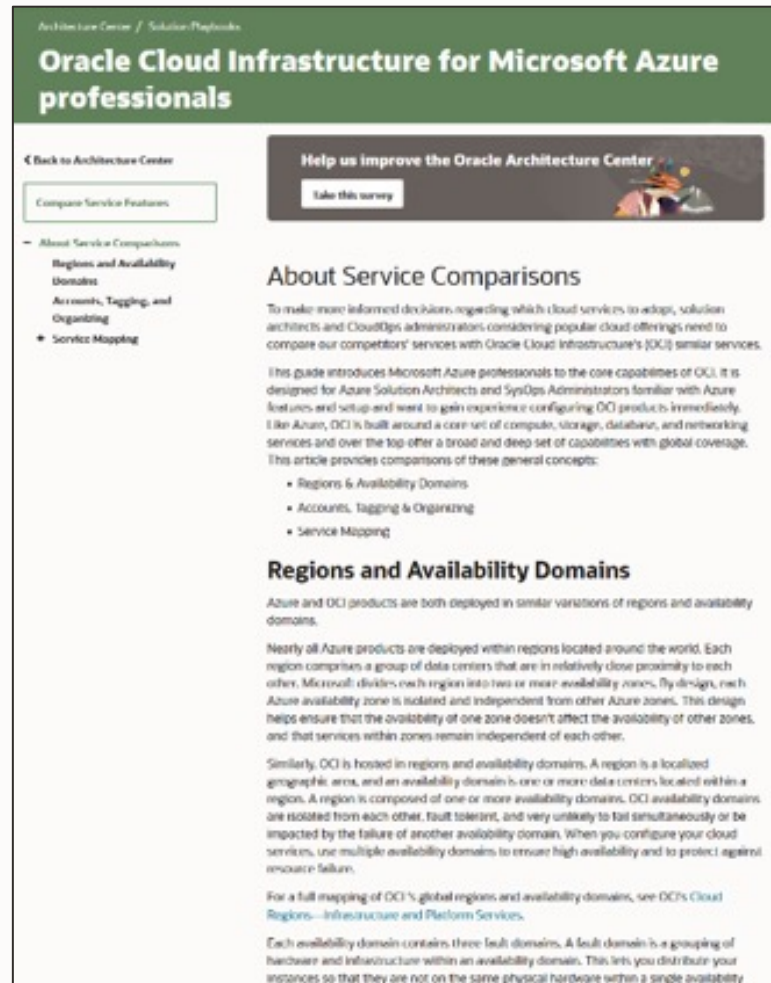
Public Resources

[OCI for AWS Professionals](#)



The screenshot shows the Oracle Architecture Center page for OCI for AWS professionals. The page title is "Oracle Cloud Infrastructure for Amazon Web Services professionals". It features a navigation menu on the left with options like "Compare Service Features", "About Service Comparisons", "Regions and Availability Domains", "Accounts, Tagging, and Organizing", and "Service Mapping". The main content area includes a survey prompt "Help us improve the Oracle Architecture Center" and a section titled "About Service Comparisons" which explains the guide's purpose for AWS professionals. Below this is a section on "Regions and Availability Domains" detailing how OCI products are deployed in regions and availability domains, similar to AWS.

[OCI for Azure Professionals](#)



The screenshot shows the Oracle Architecture Center page for OCI for Azure professionals. The page title is "Oracle Cloud Infrastructure for Microsoft Azure professionals". It features a navigation menu on the left with options like "Compare Service Features", "About Service Comparisons", "Regions and Availability Domains", "Accounts, Tagging, and Organizing", and "Service Mapping". The main content area includes a survey prompt "Help us improve the Oracle Architecture Center" and a section titled "About Service Comparisons" which explains the guide's purpose for Azure professionals. Below this is a section on "Regions and Availability Domains" detailing how OCI products are deployed in regions and availability domains, similar to Azure.

OCI for Google Professionals

soon

Public Resources

Pricing Comparison

Oracle Cloud Economics

Oracle Cloud Infrastructure vs. AWS

Oracle Cloud Infrastructure (OCI) is built for enterprises seeking higher performance, consistently lower costs, and easier cloud migration for their existing on-premises applications.¹ Oracle Cloud Infrastructure is consistently less expensive than AWS for a wide range of popular cloud workloads for several reasons: First, our private network connectivity charges are 74% less than AWS. Second, Oracle delivers >3X better price-performance for compute compared to AWS for general purpose compute instances. Third, for HPC workloads, Oracle provides similar performance to AWS, but is 44% less expensive and provides local SSDs, twice the RAM, RDMA networking, and a performance SLA. Fourth, for block storage, Oracle offers as much as 20X the IOPS of AWS for less than half the cost. Read below for more information on how customers are saving money with Oracle Cloud Infrastructure.

1/4

>3X

Cost Estimator

OCI Service Comparison

Oracle, AWS, Microsoft Azure, and Google Cloud services comparison

Filter

Category	Service	OCI	Info
Compute	Preemptible Capacity	- Preemptible Capacity	Preemptible capacity allows you to save money by using preemptible instances to run workloads that only need to run for brief periods or that can be interrupted when the capacity is
Compute	Specialty OS	- Oracle Autonomous Linux - Oracle Linux	Oracle Autonomous Linux is a managed service for reducing the complexity and overhead of common operating system management tasks.
Compute	VMware	- Oracle Cloud VMware Solution	Use Oracle Cloud VMware Solution to create and manage VMware enabled software-defined data centers (SDDCs) in Oracle Cloud Infrastructure
Container and Serverless	Container Image Registry	- Container Registry	Container Registry enables you to store, share, and manage container images (such as Docker images) in an Oracle-managed registry.
Container and Serverless	Function	- Oracle Functions	Functions is a serverless platform that enables you to create, run, and scale business logic without managing any infrastructure.
Container and Serverless	Managed Container Service	- Container Engine for Kubernetes	Container Engine for Kubernetes (CKE) helps you define and create Kubernetes clusters to enable the deployment, scaling, and

Complete Hybrid Cloud

Hybrid Cloud

Oracle Hybrid Cloud Offers Location, Choice, and Control

Hybrid cloud and edge computing are transforming and expanding usage of the cloud. Requirements for data sovereignty, security, latency, and field deployability have prevented adoption of public cloud for many mission-critical applications. Oracle Cloud's hybrid and edge offerings address customer requirements for specialized deployment, disconnected and intermittently connected operation, low latency and high performance, as well as data locality and security.

All products require tradeoffs, but to date, cloud offerings have been unnecessarily constrained. An approach focusing on large hyperscale cloud regions providing a large number of services required great expense to build, with very limited locations. Smaller scale provided greater flexibility of location, but often required tethering to the public cloud to operate. Customers with the "wrong" mix of needs around data sovereignty, low-latency, broad use cases, or level of control were left on the sidelines.

Remotely tethered

Remotely tethered compute storage appliance

OCI Is Cloud Native

Oracle Cloud Native

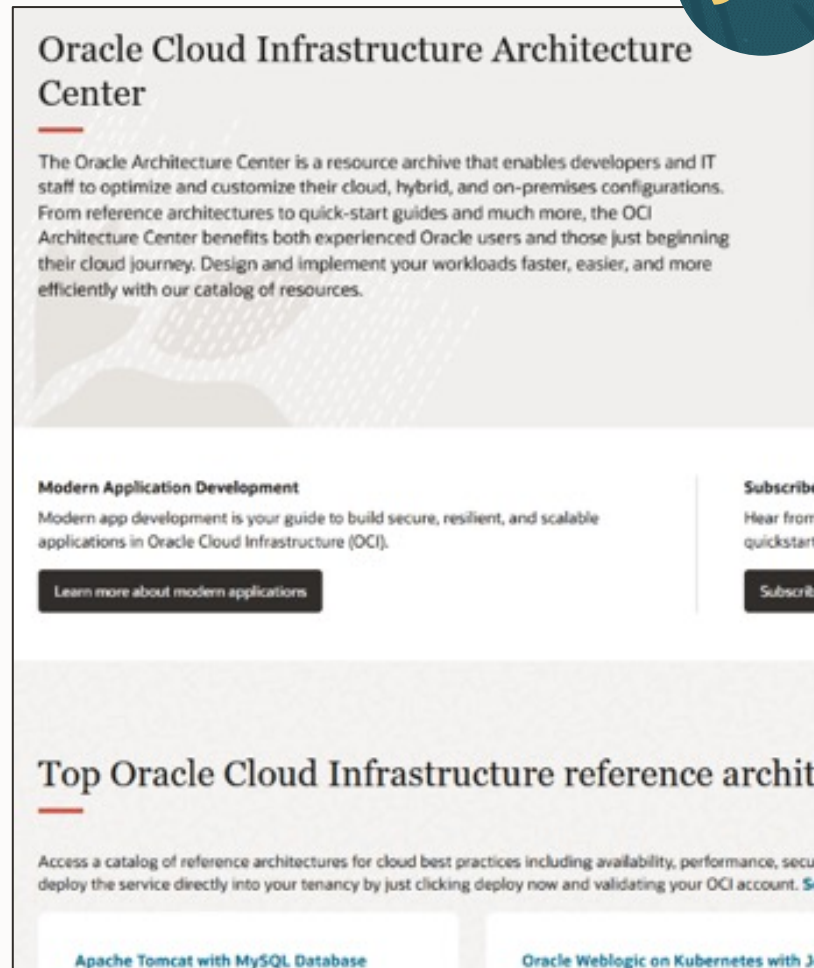
Oracle Cloud Native services and software help developers build applications using technologies such as Kubernetes, containers, serverless functions, and API management for Oracle Cloud Infrastructure (OCI), hybrid cloud, and multicloud environments.

With these cloud native products, developers can reduce time spent on operational tasks, such as managing Kubernetes clusters, and build applications faster. Built with open source and open standards in mind, these offerings ensure that deployed applications are more portable and can run on OCI, third-party cloud, and on-premises environments with minimal modification.

Public Resources

Architecture Templates

360+



Oracle Cloud Infrastructure Architecture Center

The Oracle Architecture Center is a resource archive that enables developers and IT staff to optimize and customize their cloud, hybrid, and on-premises configurations. From reference architectures to quick-start guides and much more, the OCI Architecture Center benefits both experienced Oracle users and those just beginning their cloud journey. Design and implement your workloads faster, easier, and more efficiently with our catalog of resources.

Modern Application Development
Modern app development is your guide to build secure, resilient, and scalable applications in Oracle Cloud Infrastructure (OCI).
[Learn more about modern applications](#)

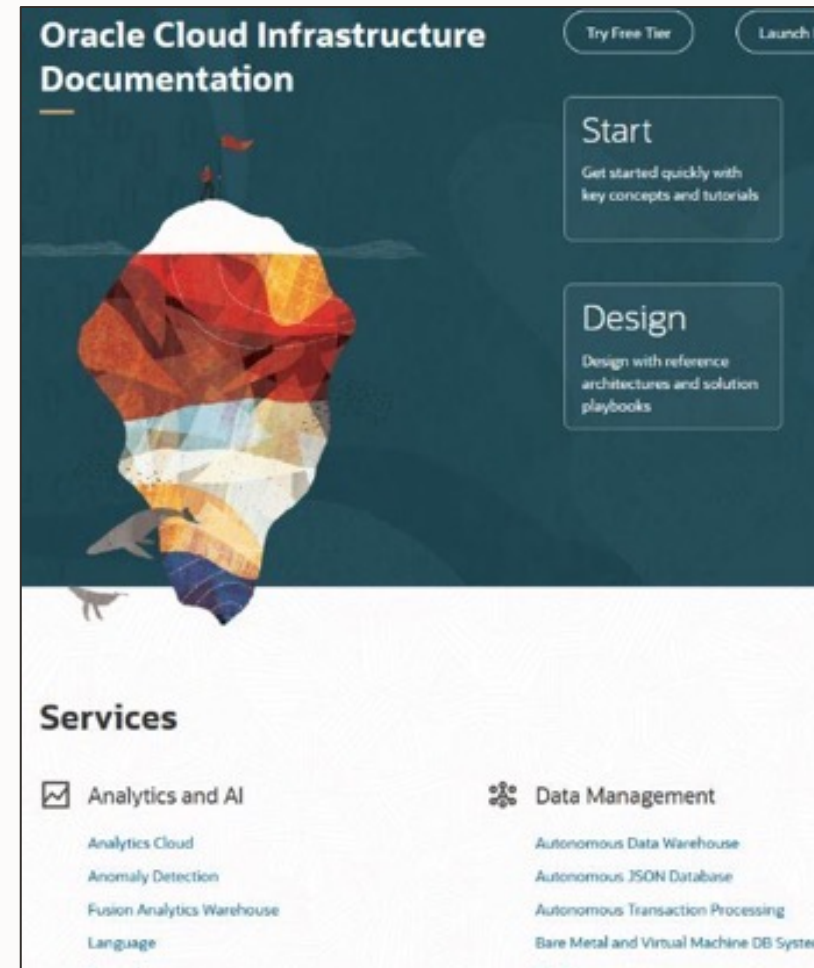
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Top Oracle Cloud Infrastructure reference archit

Access a catalog of reference architectures for cloud best practices including availability, performance, security, and cost optimization. Deploy the service directly into your tenancy by just clicking deploy now and validating your OCI account. See [more](#).

[Apache Tomcat with MySQL Database](#) [Oracle Weblogic on Kubernetes with J](#)

All OCI Services



Oracle Cloud Infrastructure Documentation

[Try Free Tier](#) [Launch In](#)

Start
Get started quickly with key concepts and tutorials

Design
Design with reference architectures and solution playbooks

Services

- Analytics and AI**
 - Analytics Cloud
 - Anomaly Detection
 - Fusion Analytics Warehouse
 - Language
- Data Management**
 - Autonomous Data Warehouse
 - Autonomous JSON Database
 - Autonomous Transaction Processing
 - Bare Metal and Virtual Machine DB System

Free! OCI Training



Become an OCI Foundations Associate

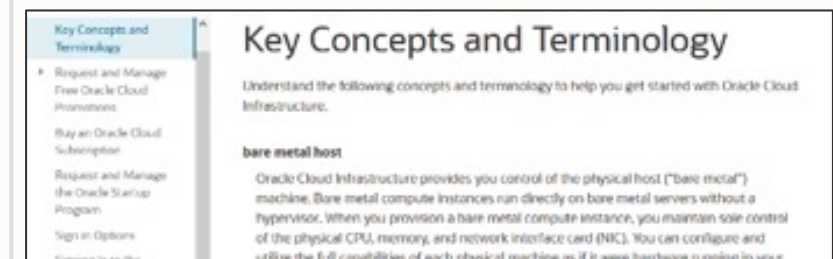
Take free training, pass the exam, get your certification!

This Learning Path provides the foundational knowledge of Oracle Cloud Infrastructure (OCI) Services, and prepares you for the Oracle Cloud Infrastructure Foundations Associate Certification.

Get Free access to a Oracle Cloud Account or Work on Hands on Labs.

Thank you for being a valued OCI customer. Please take a moment to write a Gartner Peer Insights review about us. Please use your business email when signing up, all reviews are anonymous and need to be completed in English. [Click here to complete.](#)

Key OCI Concepts and Terms



Key Concepts and Terminology

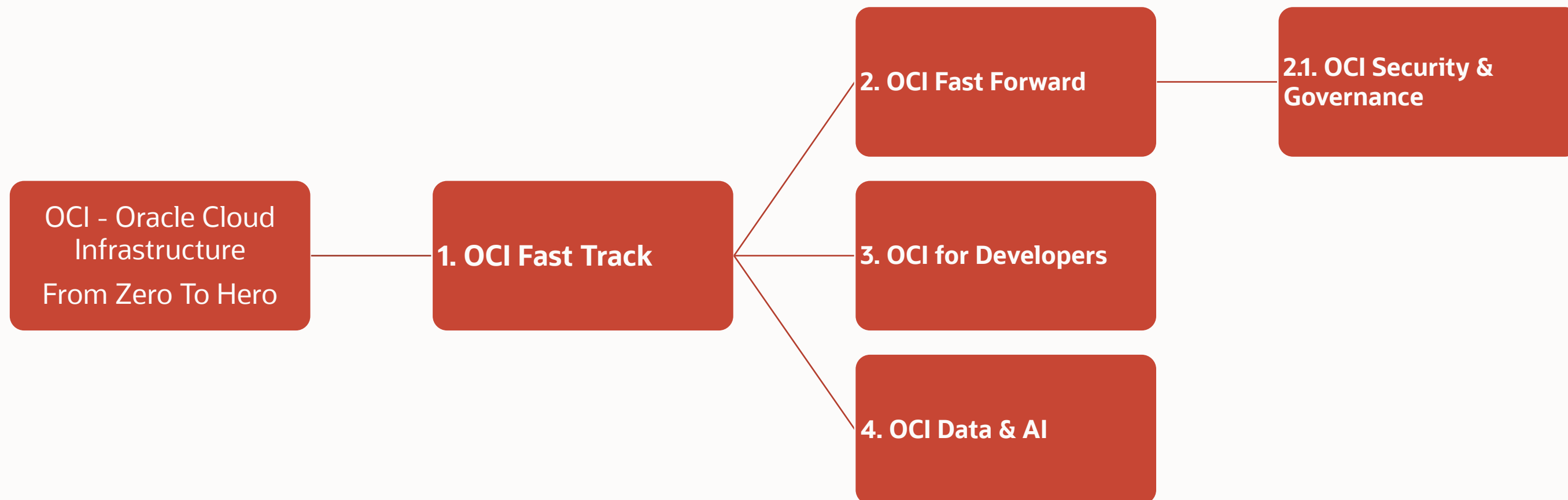
Understand the following concepts and terminology to help you get started with Oracle Cloud Infrastructure.

bare metal host

Oracle Cloud Infrastructure provides you control of the physical host ("bare metal") machine. Bare metal compute instances run directly on bare metal servers without a hypervisor. When you provision a bare metal compute instance, you maintain sole control of the physical CPU, memory, and network interface card (NIC). You can configure and utilize the full capabilities of each physical machine as if it were hardware running in your


OCI – Workshocks*

Preparação adicional para Certificações



* Ministrados pela equipe de Conhecimento Oracle Brasil

Oracle Race to Certification - Free OCI Certification June 1 – August 31, 2023



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Attain in-demand skills across OCI, AI, Machine Learning, OCI multicloud, data management, applications business processes and earn badges and win prizes for free.

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Oracle Cloud Infrastructure
Accelerate your career by gaining new and valuable cloud skills.
[Free Training and Certification](#)

Oracle Database Management
Learn to use this industry-leading Oracle platform and manage data efficiently.
[Free Training and Certification](#)

Oracle Cloud Applications
Prepare for success. Start your cloud implementation project with Oracle Cloud Applications Business Process training.
[Free Training and Certification](#)

<https://education.oracle.com/de/oracle-oci-certification#oracle-cloud-infrastructure>

Certificações OCI =>

Professional

Ampla experiência para projetar, implementar e operar soluções avançadas em larga escala usando o Oracle Cloud Infrastructure.

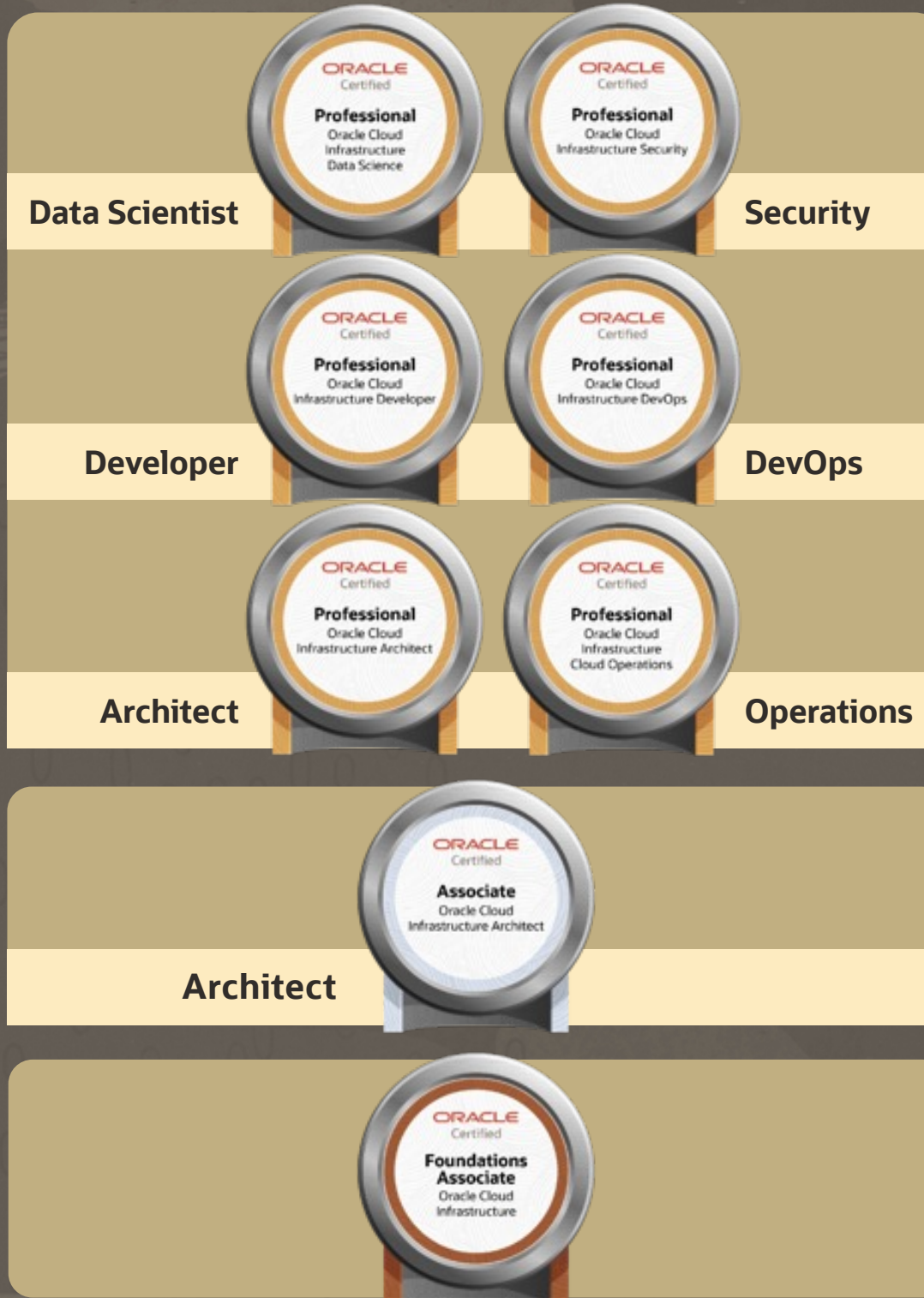
Associate

Experiência em projetos e implementação de soluções usando Oracle Cloud Infrastructure

Foundations

Aprender sobre os conceitos de Cloud e fundamentos do Oracle Cloud Infrastructure.

Oracle Cloud Infrastructure



Data Management



Platform



ógica



Oracle Cloud Infrastructure Learning Paths Certifications

Administrator

- [Become an OCI Foundations Associate](#) Free
- [Become an Oracle Cloud Data Management Foundations Associate](#) Free
- [Become an OCI Architect \(Associate\)](#)
- [Become an OCI Architect \(Professional\)](#)
- [Become an OCI Cloud Operations Professional](#)
- [Become a Cloud Security Professional](#)
- [Discover and Train in CyberSecurity](#)
- [Become an Autonomous Database Specialist](#)
- [Become an Oracle Cloud Database Services Specialist](#)
- [Become an Oracle Cloud Database Migration and Integration Specialist](#)
- [Become a Business Analytics Expert](#)
- [Become an Oracle Management Cloud Administrator](#)
- [Become a Cloud Security Administrator](#)
- [Become a Cloud Security Professional](#)

Developer

- [Developing Cloud Native Applications on OCI Workshop](#)
- [Become an OCI DevOps Professional](#)
- [Become an OCI Data Science Professional](#)
- [Become an Application Integration Specialist](#)
- [Become a Specialist on Oracle Machine Learning with Autonomous Database](#)
- [Become a Digital Assistant Developer](#)
- [Become a Content Management Specialist](#)
- [Become a Cloud App Developer](#)
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- [Become an OCI Developer Professional](#)

Architect

- [Become an OCI Architect \(Associate\)](#)
- [Become an OCI Architect \(Professional\)](#)



Comunidade OCI – GUOCB Grupo de Usuários Oracle Cloud Brasil

Fundada e mantida por Brasileiros e para Brasileiros com 4.1K Participantes no telegram



Todos convidados á participar => <https://t.me/GUOCB>



"Se quer ir rápido, vá sozinho. Se quer ir longe, vá em grupo."

Obrigado!



ORACLE

