

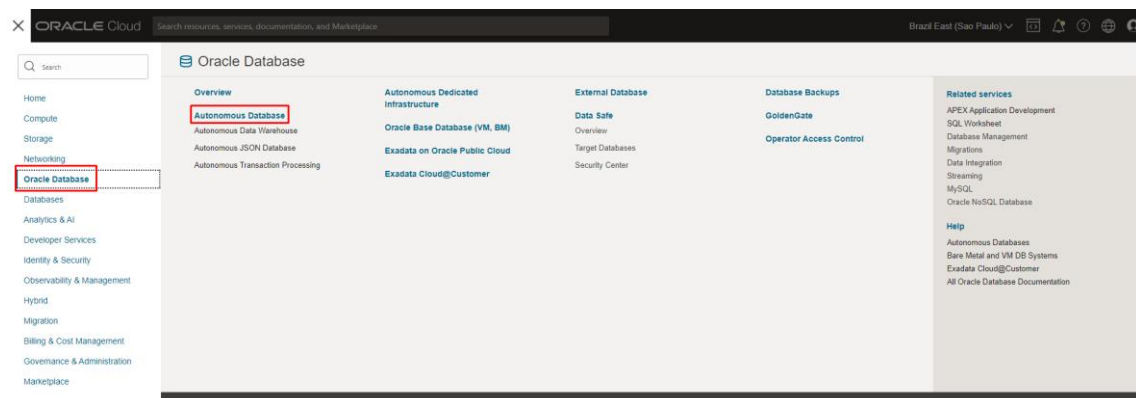
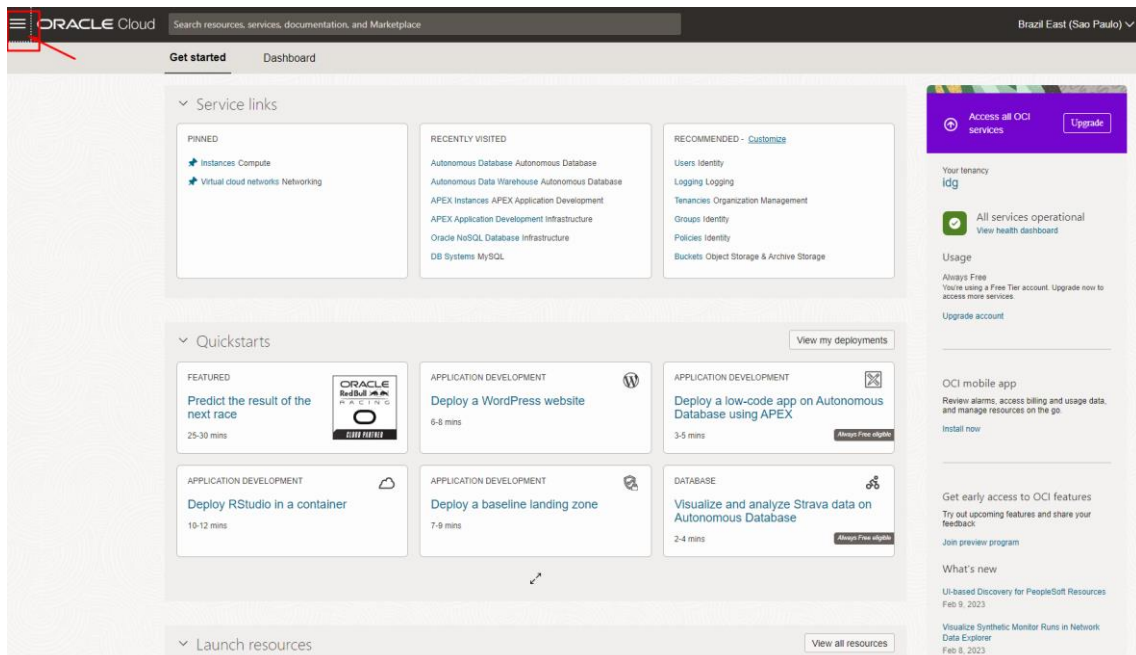


TUTORIAL PASSO A PASSO

- 1) Criar uma conta gratuita Oracle Cloud

<https://youtu.be/XW7isnD1mWM>

- 2) Depois com sua conta criada faça Login no Oracle Cloud e siga as instruções abaixo



ORACLE Cloud

Search resources, services, documentation, and Marketplace

Brazil East (Sao Paulo)

Overview > Autonomous Database > Autonomous Databases

Autonomous Database

Autonomous Databases

Create Autonomous Database

Autonomous Databases in idg (root) Compartment

Autonomous Database delivers fast performance and requires no database administration. It performs all routine database maintenance tasks while the system is running, without human intervention. Autonomous Databases located in the Oracle cloud can run on dedicated or shared infrastructure. [Learn more](#)

Display Name	State	Dedicated	Compute	Storage	Workload type	Autonomous Data Guard	Created
comunidadesolexport <small>Always Free</small>	Terminated	No	1	20 GB	APEX	—	Wed, Feb 8, 2023, 17:34:52 UTC
meubancodedados <small>Always Free</small>	Available	No	1	20 GB	Data Warehouse	—	Mon, Dec 5, 2022, 00:59:25 UTC

Displaying 2 Autonomous Databases < 1 of 1 >

List scope

Compartment

idg (root)

Filters

Workload type

All

State

Any state

Tag filters

[add](#) [clear](#)

no tag filters applied

ORACLE Cloud

Search resources, services, documentation, and Marketplace

Create Autonomous Database

Provide basic information for the Autonomous Database

Compartment

idg (root)

Display name

MARATONASQL

A user-friendly name to help you easily identify the resource.

Database name

MARATONASQL

The name must contain only letters and numbers, starting with a letter. Maximum of 30 characters.

Choose a workload type

Data Warehouse

Built for decision support and data warehouse workloads. Fast queries over large volumes of data.

Transaction Processing

Built for transactional workloads. High concurrency for short-running queries and transactions.

✓

JSON

Built for JSON-centric application development. Developer-friendly document APIs and native JSON storage.

APEX

Built for Oracle APEX application development. Creation and deployment of low-code applications, with database included.

Choose a deployment type

Shared infrastructure

Run Autonomous Database on Shared Exadata infrastructure.

✓

Dedicated infrastructure

Run Autonomous Database on Dedicated Exadata infrastructure.

Dedicated Exadata infrastructure is not available for Always Free Oracle Autonomous Database.

Create Autonomous Database

Provide basic information for the Autonomous Database

Compartment
Idg (root)

Display name
WORKSHOPSQL
A user-friendly name to help you easily identify the resource.

Database name
WORKSHOPSQL
The name must contain only letters and numbers, starting with a letter. Maximum of 30 characters.

Choose a workload type

Data Warehouse
Built for decision support and data warehouse workloads. Fast queries over large volumes of data.

Transaction Processing
Built for transactional workloads. High concurrency for short-running queries and transactions.

JSON
Built for JSON-centric application development. Developer-friendly document APIs and native JSON storage.

APEX
Built for Oracle APEX application development. Creation and deployment of low-code applications, with database included. ✓

Choose a deployment type

Shared infrastructure
Run Autonomous Database on Shared Exadata infrastructure. ✓

Dedicated infrastructure
Run Autonomous Database on Dedicated Exadata infrastructure.

Dedicated Exadata infrastructure is not available for Always Free Oracle Autonomous Database.

Configure the database

Always Free ⓘ
☒ Show only Always Free configuration options

Create Autonomous Database Cancel

Configure the database

Always Free ⓘ
☒ Show only Always Free configuration options

ⓘ If your Always Free Autonomous Database has no activity for 7 consecutive days, the database will be automatically stopped. Your data will be preserved, and you can restart the database to continue using it. If the database remains stopped for 3 months, it will be reclaimed. [Learn more](#).

Choose database version
19c

OCPU count Read-only
1
Always Free Autonomous databases can utilize up to 1 core. The CPU core count cannot be adjusted.

☒ OCPU auto scaling
Allows systems to expand up to three times the provisioned OCPU as workload increases. [Learn more](#) about auto scaling.

Storage (TB) Read-only
0.02
Always Free Autonomous databases can utilize up to 0.02 TB (20 GB) of storage. The storage size cannot be adjusted.

☐ Storage auto scaling
Allows system to expand up to three times the reserved storage.

Create administrator credentials ⓘ

Username Read-only
ADMIN
ADMIN username cannot be edited.

Password
••••••••

Confirm password
••••••••

Create Autonomous Database

Choose network access

Access type

Secure access from everywhere

Allow users with database credentials to access the database from the internet.

✓

Secure access from allowed IPs and VCNs only

Restrict access to specified IP addresses and VCNs.

Private endpoint access only

Restrict access to a private endpoint within an OCI VCN.

The virtual cloud network option is not available for OCI Free Tier accounts.

☒ Require mutual TLS (mTLS) authentication ⓘ

If you select this option, mTLS will be required to authenticate connections to your Autonomous Database.

Choose license and Oracle Database edition

Choose a license type

Bring your own license (BYOL)

Bring your organization's Oracle Database software license to the Oracle Database service. [Learn more](#).

License included

Subscribe to a new Oracle Database software license and the Oracle Database service.

✓

Provide contacts for operational notifications and announcements ⓘ

Contact Email

Enter a valid email ID

×

Add Contact

Show advanced options

Create Autonomous Database

Cancel

Overview » Autonomous Database » Autonomous Database details

ATP

PROVISIONING

Announcements

- New Feature: Use cloud links to collaborate between Autonomous Databases with remote data access. [Learn more](#).
- Learn about other [new features in Autonomous Database here](#).

MARATONASQL

Always Free

Database actions

Database connection

Performance hub

Manage scaling

More actions

Autonomous Database information

Tools

Tags

General information

Database name:

 MARATONASQL

Workload type:

 Transaction Processing

Compartment:

 idg (root)

OCID:

 ...2bf94q [Show](#) [Copy](#)

Created:

 Tue, Apr 4, 2023, 00:40:01 UTC

OCPU count:

 1

OCPU auto scaling:

 Disabled ⓘ

Storage:

 20 GB

Storage auto scaling:

 Disabled ⓘ

License type:

 License included

Database version:

 19c

Lifecycle state:

 Provisioning

Instance type:

 Free [Upgrade to Paid](#)

Mode:

 Read/write [Edit](#)

APEX instance

Infrastructure

Dedicated infrastructure:

 No

Disaster recovery ⓘ

Role:

 -

Backup

Last automatic backup:

 No active backups exist for this database.

Next long-term backup:

 -

Long-term backup schedule:

[Schedule](#)

Network

Access type:

 Allow secure access from everywhere

Access control list:

 Disabled [Edit](#)

Mutual TLS (mTLS) authentication:

 Required [Edit](#) ⓘ

ORACLE Cloud

Search resources, services, documentation, and Marketplace

Brazil East

Overview » Autonomous Database » Autonomous Database details

ATP

AVAILABLE

Announcements

- New Feature: Use cloud links to collaborate between Autonomous Databases with remote data access. [Learn more](#).
- Learn about other [new features in Autonomous Database here](#).

MARATONASQL Always Free

Database actions

Database connection

Performance hub

Manage scaling

More actions

Autonomous Database information

Tools

Tags

General information

Database name: MARATONASQL

Workload type: Transaction Processing

Compartment: idg (root)

OCID: ...2bfg4q [Show](#) [Copy](#)

Created: Tue, Apr 4, 2023, 00:40:01 UTC

OCPU count: 1

OCPU auto scaling: Disabled

Storage: 20 GB

Storage auto scaling: Disabled

License type: License included

Database version: 19c

Lifecycle state: Available

Instance type: Free [Upgrade to Paid](#)

Character set: AL32UTF8

National character set: AL16UTF16

Model: Readable Full

Infrastructure

Dedicated infrastructure: No

Disaster recovery

Role: -

Backup

Last automatic backup: No active backups exist for this database.

Next long-term backup: -

Long-term backup schedule: [Schedule](#)

Network

Access type: Allow secure access from everywhere

Access control list: Disabled [Edit](#)

Mutual TLS (mTLS) authentication: Required [Edit](#)

ORACLE Cloud

Search resources, services, documentation, and Marketplace

Brazil East (Sao Paulo)

Search

Oracle Database

Home

Compute

Storage

Networking

Oracle Database

Databases

Analytics & AI

Developer Services

Identity & Security

Observability & Management

Hybrid

Migration

Billing & Cost Management

Governance & Administration

Marketplace

Overview

Autonomous Database

Autonomous Dedicated Infrastructure

External Database

Database Backups

Related services

Autonomous Database

Autonomous Data Warehouse

Autonomous JSON Database

Autonomous Transaction Processing

Oracle Base Database (VM, BM)

Exadata on Oracle Public Cloud

Exadata Cloud@Customer

Data Safe

Overview

Target Databases

Security Center

GoldenGate

Operator Access Control

APEX Application Development

SQL Worksheet

Database Management

Migrations

Data Integration

Streaming

MySQL

Oracle NoSQL Database

Help

Autonomous Databases

Bare Metal and VM DB Systems

Exadata Cloud@Customer

All Oracle Database Documentation

ORACLE Cloud

Search resources, services, documentation, and Marketplace

Brazil East (Sao Paulo)

Overview » Autonomous Database » Autonomous Databases

Autonomous Database

Autonomous Databases in idg (root) Compartment

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Create Autonomous Database

Display Name	State	Dedicated	Compute	Storage	Workload type	Autonomous Data Guard	Created
WORKSHOPSQL Always Free	Available	No	1	20 GB	Data Warehouse	—	Fri, Feb 24, 2023, 21:51:19 UTC
comunidade@exadot Always Free	Terminated	No	1	20 GB	APEX	—	Wed, Feb 8, 2023, 17:34:52 UTC
meubancodedados Always Free	Available	No	1	20 GB	Data Warehouse	—	Mon, Dec 5, 2022, 00:59:25 UTC

Displaying 3 Autonomous Databases < 1 of 1 >

Dedicated infrastructure

Autonomous container database

Autonomous Exadata VM cluster

Exadata infrastructure

List scope

Compartment

idg (root)

Filters

Workload type

All

State

Any state

Tag filters

add

clear

no tag filters applied

ORACLE Cloud

Search resources, services, documentation, and Marketplace

Brazil East (Sao Pa

Overview » Autonomous Database » Autonomous Database details

ADW

AVAILABLE

WORKSHOPSQL

Always Free

Database actions

Database connection

Performance hub

Manage scaling

More actions

Autonomous Database information

Tools

Tags

General information

Database name: WORKSHOPSQL

Workload type: Data Warehouse

Compartment: idg (root)

OCID: ...xy4wq_Show Copy

Created: Fri, Feb 24, 2023, 21:51:19 UTC

OCPU count: 1

OCPU auto scaling: Disabled

Storage: 20 GB

Storage auto scaling: Disabled

License type: License included

Database version: 19c

Lifecycle state: Available

Instance type: Free Upgrade to Paid

Character set: AL32UTF8

National character set: AL16UTF16

Mode: Read/write

APEX instance

Instance name: WORKSHOPSQL

Infrastructure

Dedicated infrastructure: No

Autonomous Data Guard

Status: Disabled

Backup

Last automatic backup: Fri, Feb 24, 2023, 23:26:20 UTC

Network

Access type: Allow secure access from everywhere

Access control list: Disabled Edit

Mutual TLS (mTLS) authentication: Required Edit

Maintenance

Patch level: Regular

Next maintenance: Sat, Feb 25, 2023, 04:00:00 UTC - 06:00:00 UTC View history

Customer contacts: None Manage

Data Safe

Status: Not registered Register

ORACLE Database Actions | Launchpad

Desenvolvimento

SQL

Execute consultas e scripts, navegue pelos seus objetos de banco de...

DATA MODELER

Faça engenharia reversa de esquemas para diagramas...

REST

Um IDE para suas APIs REST que permite que você gerencie...

LIQUIBASE

Exiba ChangeLogs aplicados ao seu esquema.

JSON

Crie coleções, faça upload de documentos, consulte e filtre seus...

GRÁFICOS

Use consultas SQL para criar gráficos sofisticados e painéis de...

PROGRAMANDO

Uma interface para DBMS_SCHEDULER que permite...

ORACLE MACHINE LEARNING

O Oracle Machine Learning oferece vários componentes acessíveis por...

APEX

Faça log-in no APEX, desenvolva e execute aplicativos web sofisticad...

GRAPH STUDIO

O Oracle Graph Studio permite criar bancos de dados gráficos...

Data Studio

VISÃO GERAL DO DATA STUDIO

Ferramentas do Data Studio

CARGA DE DADOS

Dados de carga ou acesso de arquivos locais ou bancos de dad...

CATÁLOGO

Compreenda as dependências de dados e o impacto das alterações.

INSIGHTS DE DADOS

Descubra anomalias, outliers e padrões ocultos em seus dados.

TRANSFORMAÇÕES DE DADOS

Transforme dados para análise e outras aplicações.

ANÁLISE DE DADOS

Análise seus dados.

Administração

USUÁRIOS DO BANCO DE DADOS

Capacite esquemas para REST, altere senhas, designe cota de...

ESPAÇOS DE TRABALHO DO APEX

Crie e exclua espaços de trabalho do APEX, exiba a lista de aplicativo...

DATA PUMP

Exiba jobs do Data Pump e use nosso assistente para criar e...

FAZER DOWNLOAD DAS CREDENCIAIS DO CLIENTE...

As conexões com o Autonomous Database utilizam uma conexão...

Monitoramento

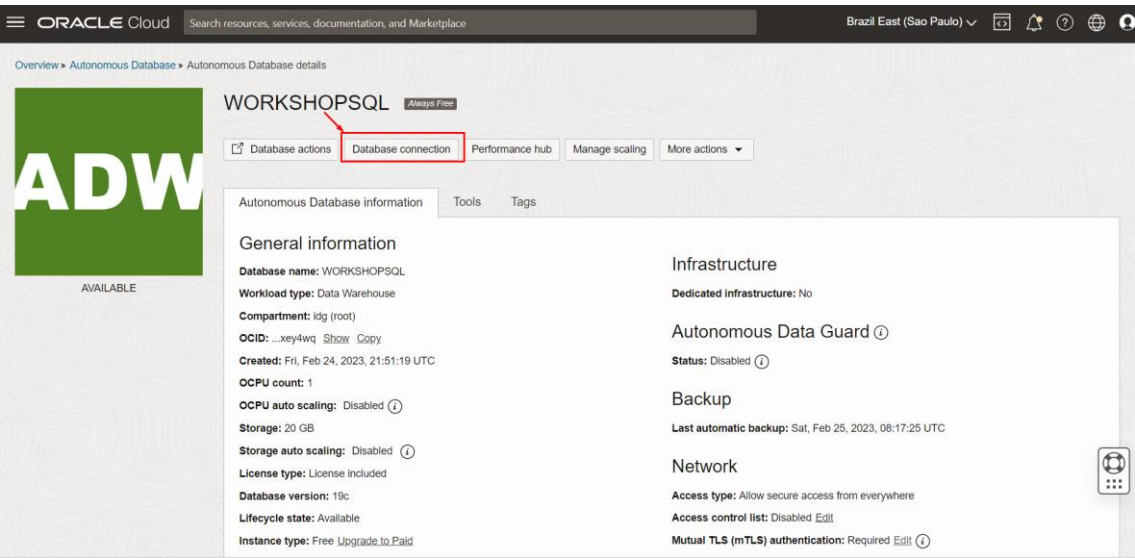
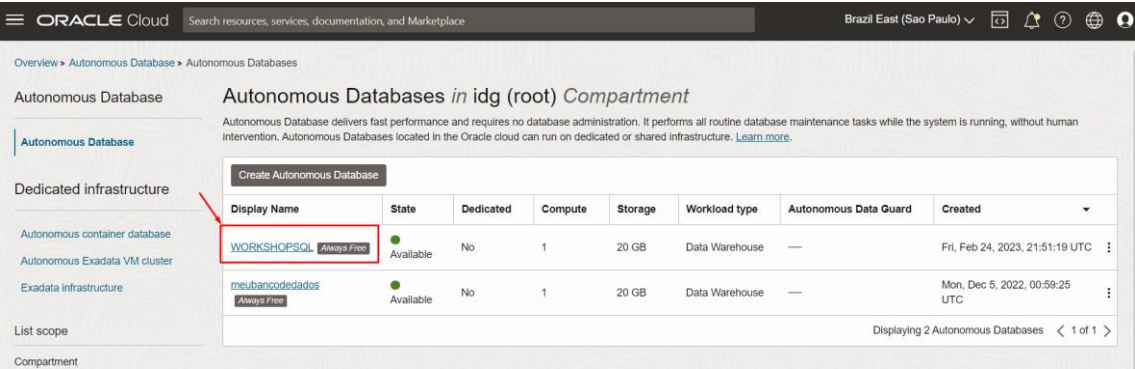
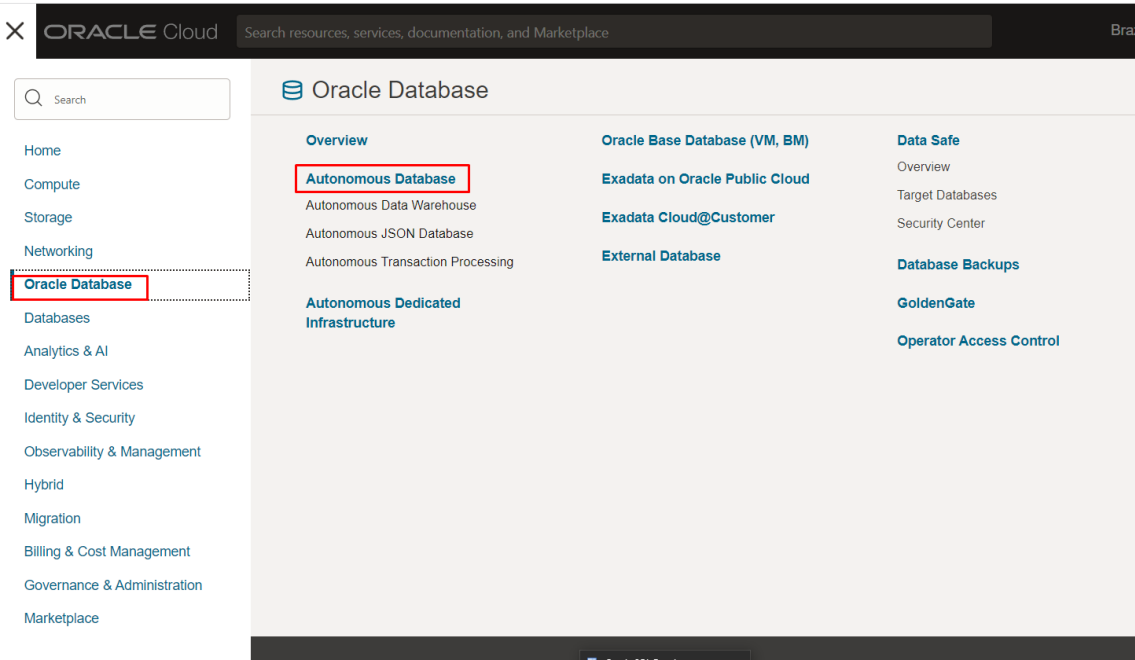
HUB DE DESEMPENHO

Acesse relatórios de Monitoramento de SQL e Análises...

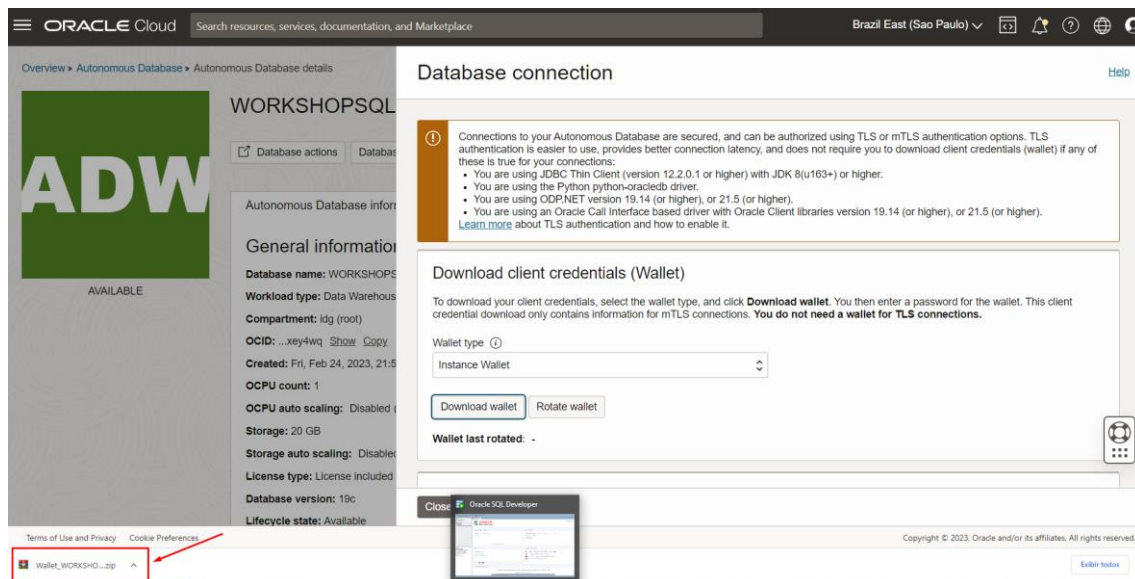
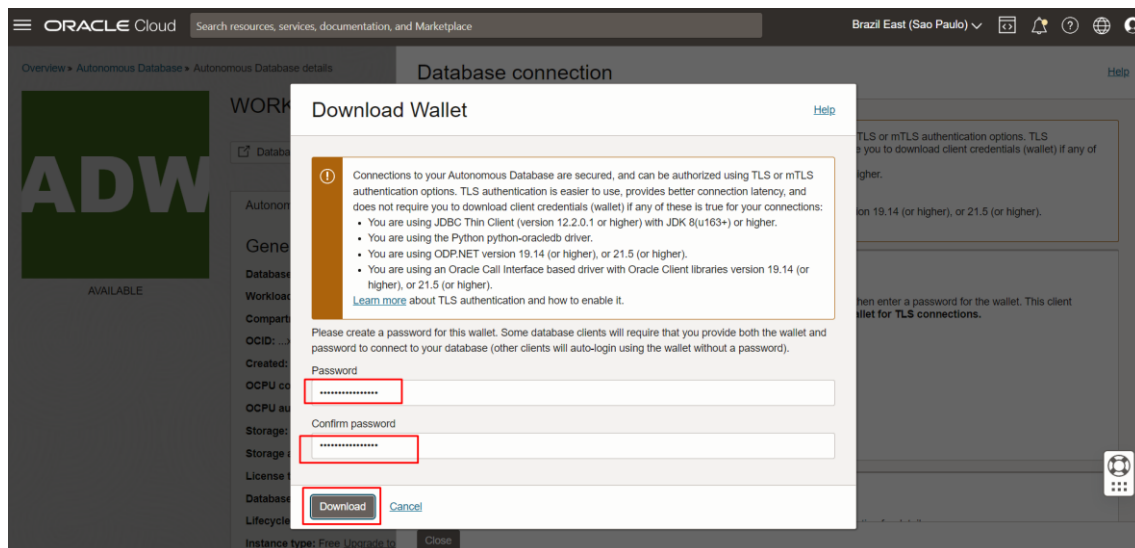
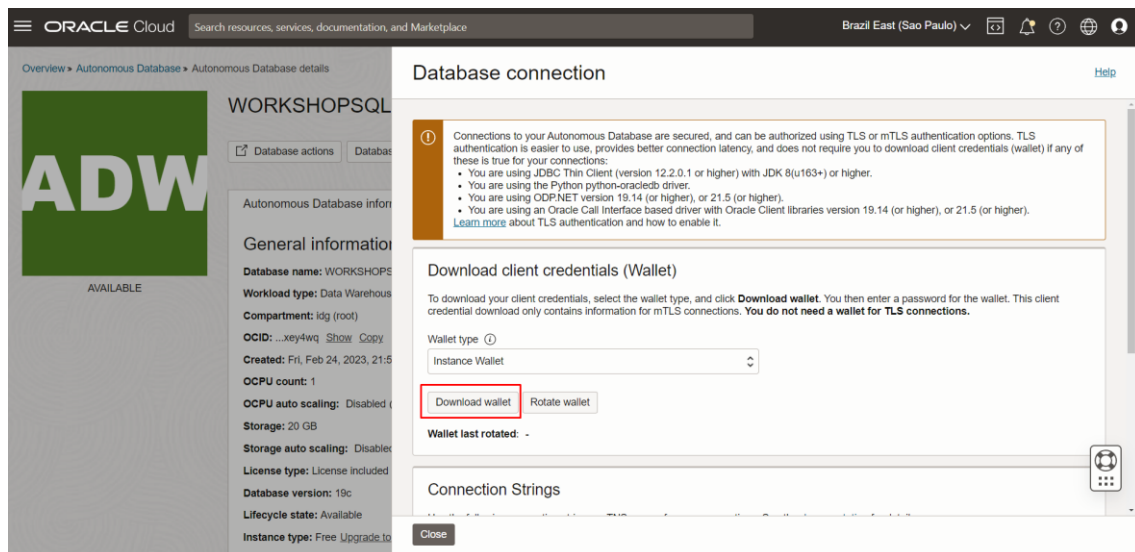
PAINEL DO BANCO DE DADOS

Monitorea gráficos de atividade do banco de dados, como uso da CP...

Configurar Conexão SQL Developer x Oracle Cloud



Download da Wallet (credencial de conexão)



COMO USAR O ORACLE SQL Developer

Baixar: <https://www.oracle.com/database/sqldeveloper/technologies/download/>

Não precisa instalar, apenas baixar e extrair em uma pasta

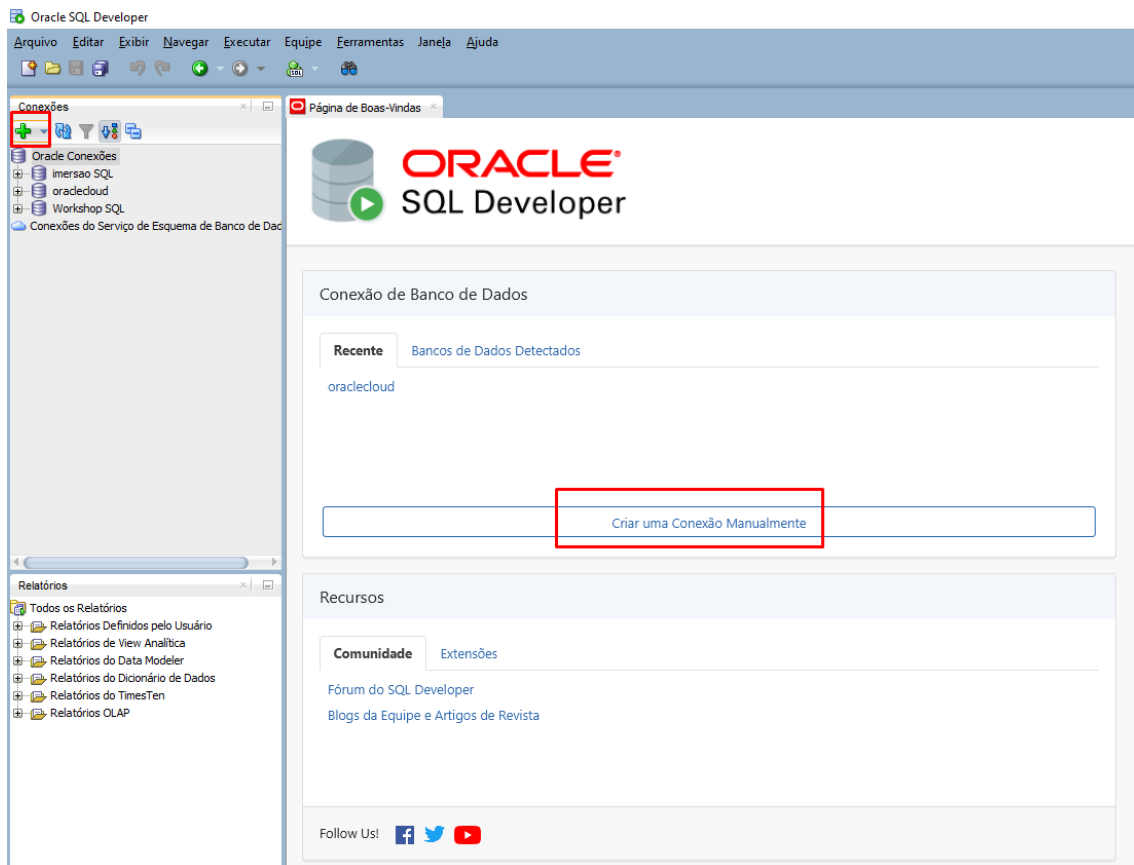
The screenshot shows the Oracle website's download page for SQL Developer 22.2.1. The page has a dark header with the Oracle logo and navigation links. Below the header, the page title is "SQL Developer 22.2.1 Downloads" with the version and release date (September 12, 2022). There are links for "Release Notes" and "Documentation". A table lists two download options for Windows: 64-bit with JDK 11 included (444 MB) and 32-bit/64-bit (490 MB). Each option includes a download link, a download icon, and a list of notes including MD5 and SHA1 hashes, installation notes, and JDK 11 requirements.

Platform	Download	Notes
Windows 64-bit with JDK 11 included	Download (444 MB)	<ul style="list-style-type: none">MD5: c917657ae52a31af66b3cd16f100cf56SHA1: 9da21417bcd8a8fab4bba985ffd1d9087be16beInstallation Notes
Windows 32-bit/64-bit	Download (490 MB)	<ul style="list-style-type: none">MD5: 92fe45220660c178ad8656c43ea6e9e2SHA1: b0a6e46b314bb5f976b42564c361d589cc2795a9Installation NotesJDK 11 required

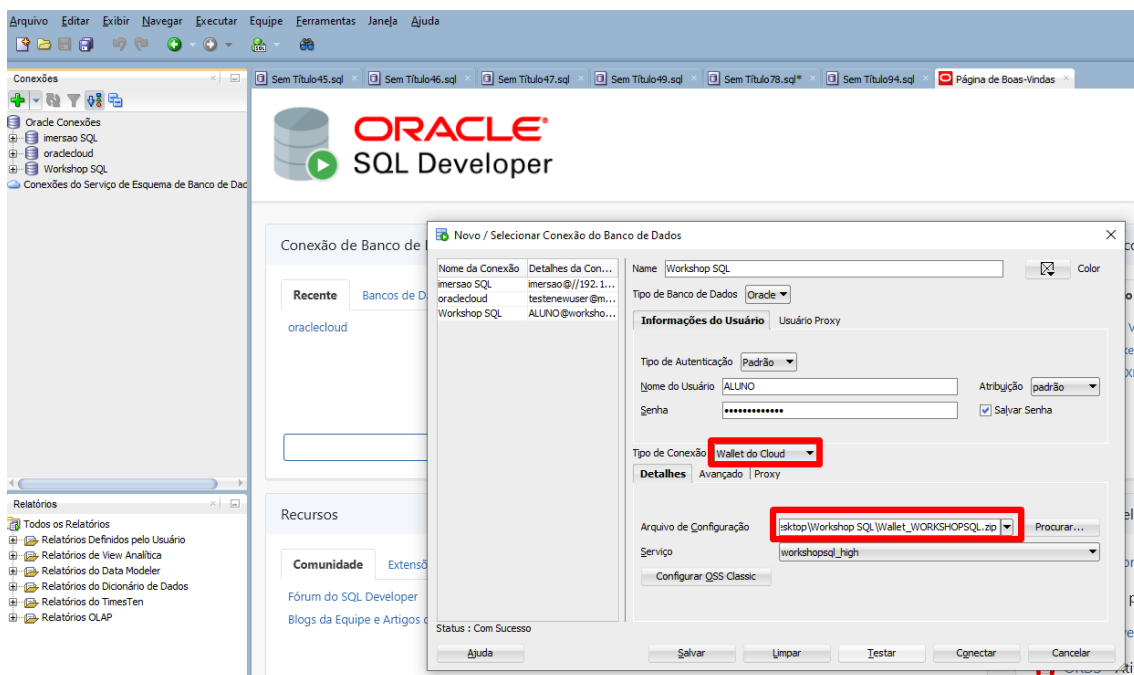
Abrir o SQL developer

The screenshot shows the Oracle SQL Developer 22.2.0 interface. The window has a menu bar (Arquivo, Editar, Exibir, Navegar, Executar, Equipe, Ferramentas, Janela, Ajuda) and a toolbar. The main area is divided into several panes. On the left is the "Conexões" pane showing a tree of connections. The central pane is titled "Página de Boas-Vindas" and contains sections for "Conexão de Banco de Dados" (Recent, Detectado, Criar uma Conexão Manualmente), "Recursos" (Comunidade, Extensões), "Conceitos Básicos" (Obter um Banco de Dados, Informações, Tutoriais, Demos, Treinamento), and "Ferramentas Relacionadas" (Modelador, SQLcl, Oracle Live SQL, ORDS). At the bottom, there are "Screenshots de Funcionalidades" and a footer with the text "O SQL Worksheet permite executar consultas e scripts, e oferece uma funcionalidade Code Insight para ajudar a preencher automaticamente seu código."

Clicar em criar uma conexão



Conexão SQL Developer > Oracle Cloud



Clique no botão salvar e depois conectar

Novo / Selecionar Conexão do Banco de Dados

Nome da Conexão	Detalhes da Con...
imersao SQL	imersao@//192.1...
oradecloud	admin@meubanc...
Workshop SQL	ALUNO@worksho...

Name: Workshop SQL

Tipo de Banco de Dados: Oracle

Informações do Usuário | Usuário Proxy

Tipo de Autenticação: Padrão

Nome do Usuário: ALUNO

Senha:

Atribuição: padrão

☒ Salvar Senha

Tipo de Conexão: Wallet do Cloud

Detalhes | Avançado | Proxy

Arquivo de Configuração: sktop\Workshop SQL\Wallet_WORKSHOPSQ... Procurar...

Serviço: workshopsq_high

Configurar OSS Classic

Status: Com Sucesso

Ajuda Salvar Limpar Testar **Conectar** Cancelar