## ORACLE®





## Marc Sewtz

### Senior Software Development Manager Oracle Application Express / Database Tools

- Joined Oracle Consulting in Hamburg, Germany in 1998
- Moved to Oracle in New York in 1999
- Developed first "APEX" app in 2001
- Joined Database Tools group in 2002
- o Twitter: @msewtz
- o APEX on Twitter: #ORCLAPEX
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# Video

https://www.youtube.com/watch?v=PPY7JSYnhqk



## Oracle Database Exadata Express Cloud Service

A Fully Managed Experience for Small-to-Medium Sized Cloud Databases

- Launch platform for Oracle's newest release –
  Oracle Database 12c Release 2
- Runs on the world's #1 engineered system –
  Oracle Exadata
- Packed with features for modern application development
- Perfect for line-of-business apps, dev & test environments and more
- Simple all-inclusive prices starting at only \$175 / month





## **Target Use Cases**

DB Development, Test, Evaluation

SMB, Departmental Apps, Collaboration

**Enterprise Applications** 

Highest Availability, Scalability, Performance

**Cloud @ Customer Choices** 







**Database CS Elastic Compute or Bare Metal** 









**Exadata CS** 





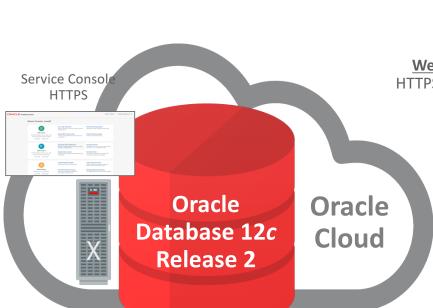


**Cloud Machine** 

**Exadata Cloud Machine** 



## **Summary of Capabilities**



Web Interface HTTPS - HTML/CSS



**Oracle APEX** 

- SQL Workshop
- Rapid web development using Application Builder (desktop and mobile)
- Gallery of productivity apps
- And more!

**SQL** Interface SQL\*Net (SSL/TLS)



**Oracle Database** Clients

- Drivers: Java, .NET, Python, PHP, node.js, Ruby, C/C++...
- IDEs: SQL Developer, Data Modeler, JDeveloper...
- Tools: SQL\*Plus, SQLcl...

- **Enterprise Edition**
- With options
- Exadata X5-2
- Containerized, PDBs

**REST Interface** HTTPS - REST/JSON

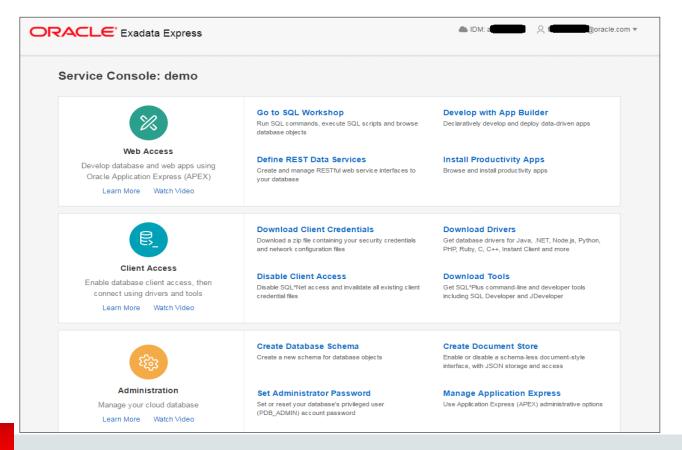


Services (ORDS)

- Data access via REST APIs
- OAuth2 or simple authentication
- Optional schema-less documents & collections

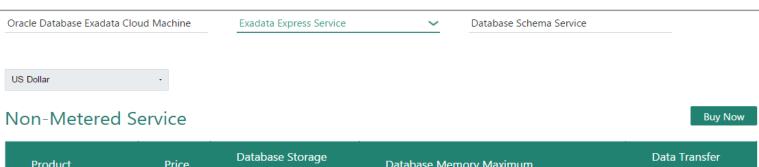


### The Service Console





## **Pricing and Shapes**



Product	Price	Database Storage Maximum	Database Memory Maximum	Data Transfer Maximum
Exadata Express - X20	\$175.00 / Month	20GB	3GB PGA, 3GB SGA	120GB / Month
Exadata Express - X50	\$750.00 / Month	50GB	5GB PGA, 5GB SGA	300GB / Month
Exadata Express - X50IM	\$950.00 / Month	50GB	5GB PGA, 10GB SGA, 5GB RAM for use with Database In- Memory Column Store	300GB / Month

Each Exadata Express account provides 1 managed Pluggable Database (PDB) of Oracle Database Enterprise Edition, plus relevant options, running on Exadata in Oracle Cloud. Oracle Database client tools and drivers can connect to the cloud PDB via Oracle Net (SQL\*Net). The service also includes data access using Oracle REST Data Services (ORDS) and Simple Oracle Document Access (SODA) as well as rapid web application development using pre-configured Oracle Application Express (APEX). Note the X50IM shape includes an additional 5GB of RAM for use with Oracle Database In-Memory Column Store.

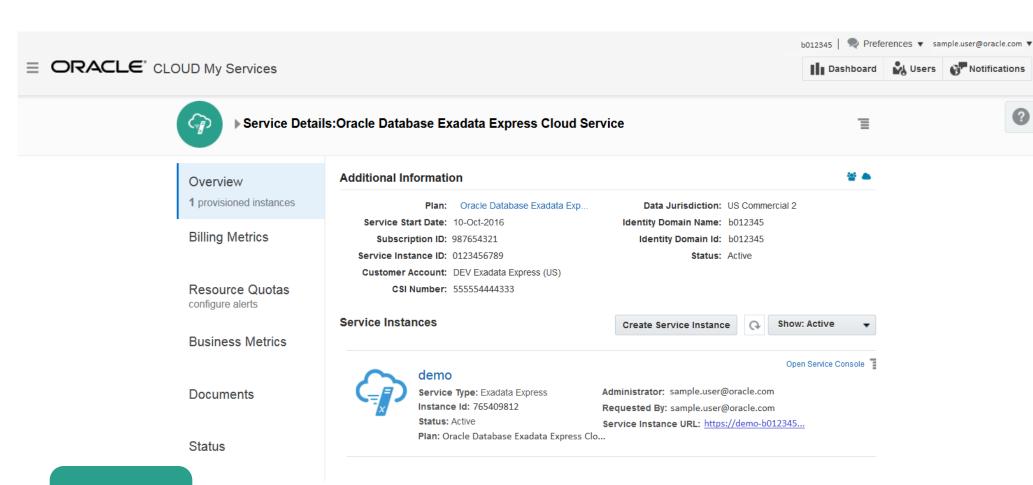


# Demo



## **Simple Administration**







#### Service Console: demo



#### Web Access

Develop database and web apps using Oracle Application Express (APEX)

Learn More Watch Video

#### Go to SQL Workshop

Run SQL commands, execute SQL scripts and browse database objects

#### **Define REST Data Services**

Create and manage RESTful web service interfaces to your database

#### **Develop with App Builder**

Declaratively develop and deploy data-driven apps

#### **Install Productivity Apps**

Browse and install productivity apps



#### Client Access

Enable database client access, then connect using drivers and tools

Learn More Watch Video

#### **Download Client Credentials**

Download a zip file containing your security credentials and network configuration files

#### Disable Client Access

Disable SQL\*Net access and invalidate all existing client credential files

#### **Download Drivers**

Get database drivers for Java, .NET, Node.js, Python, PHP, Ruby, C, C++, Instant Client and more

#### **Download Tools**

Get SQL\*Plus command-line and developer tools including SQL Developer and JDeveloper



#### Administration

Manage your cloud database Learn More Watch Video

#### Create Database Schema

Create a new schema for database objects

#### **Set Administrator Password**

Set or reset your database's privileged user (PDB\_ADMIN) account password

#### **Create Document Store**

Enable or disable a schema-less document-style interface, with JSON storage and access

#### Manage Application Express

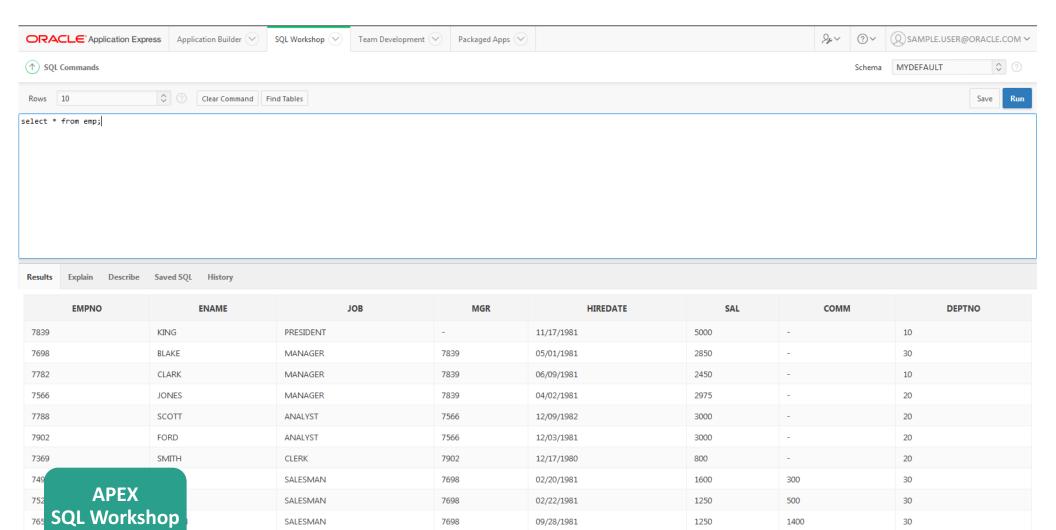
Use Application Express (APEX) administrative options

**Exadata Express Service** Console

Deutsch · English · Español · Français · Italiano · Português (Brasil) · 中文 (繁體) · 中文(简体) · 日本語 · 한국어

## **Database Web Access with APEX**

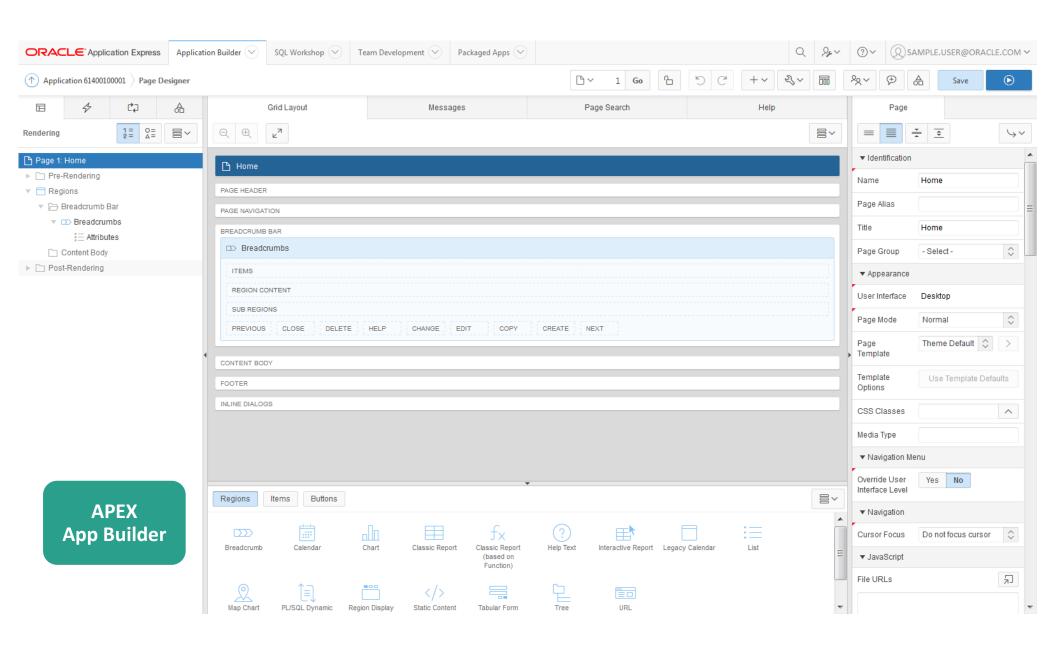


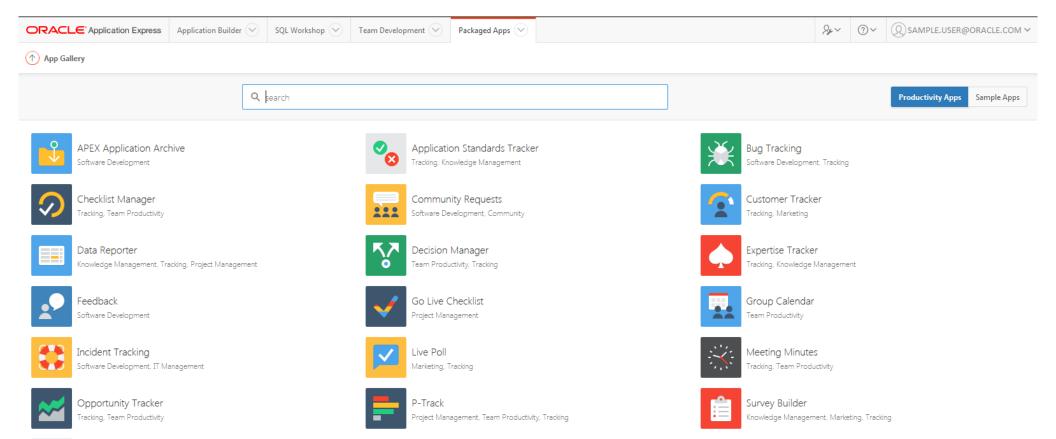


10 rows returned in 0.01 seconds

vs selector to view more rows.

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Use Case Status **APEX Productivity Apps** 

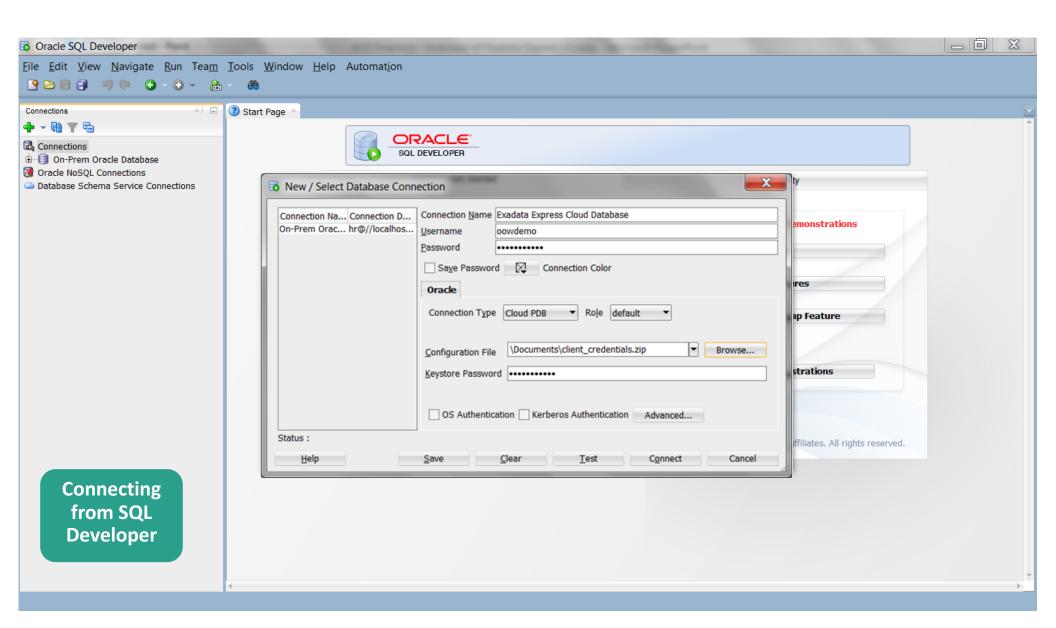


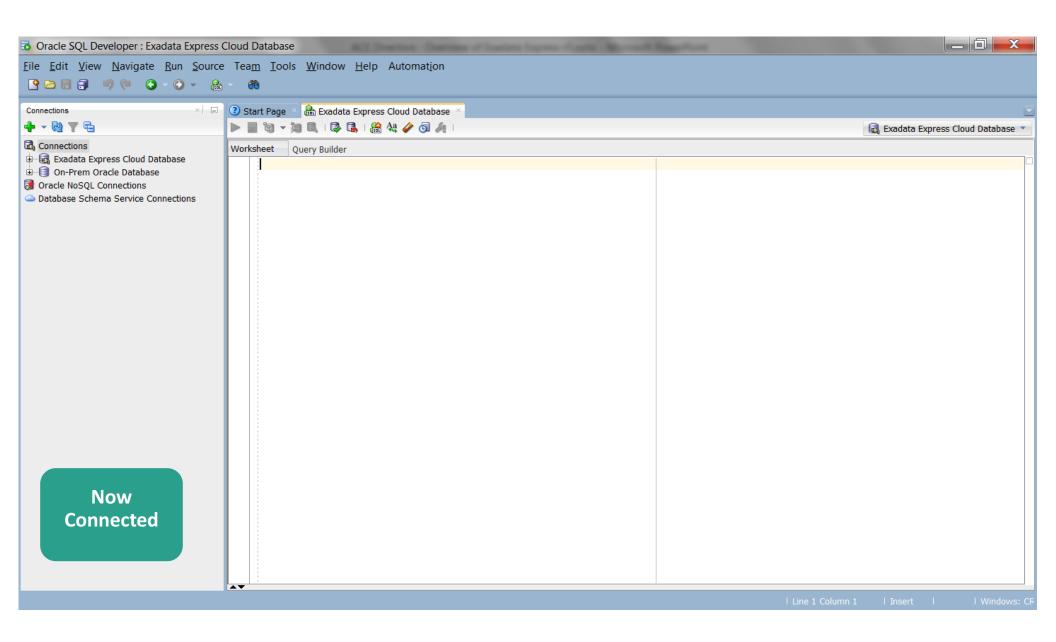


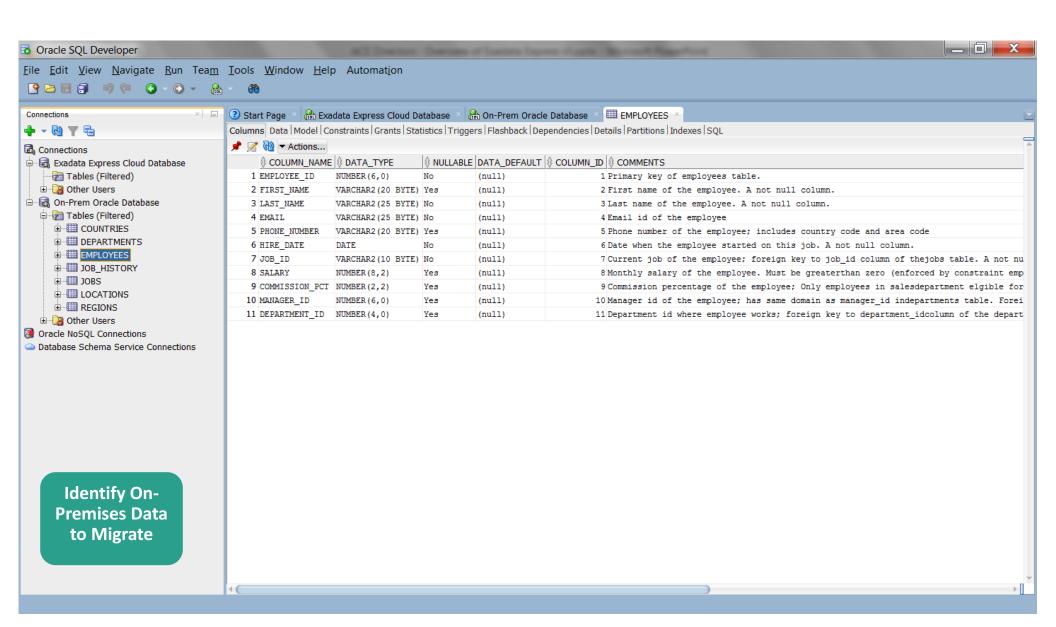


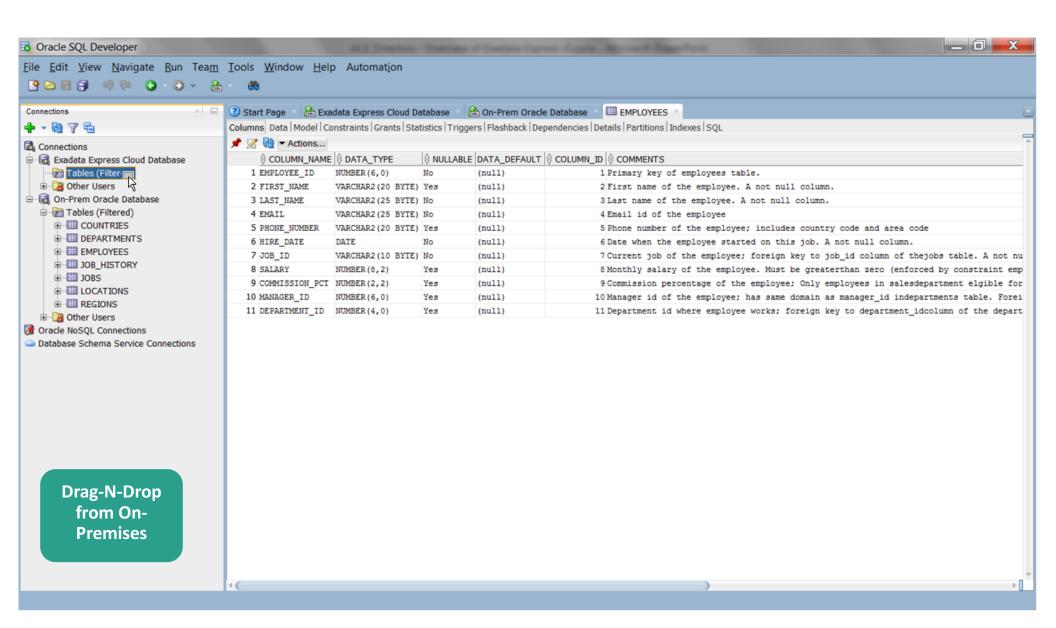
## **Database Client Access with SQL Developer**

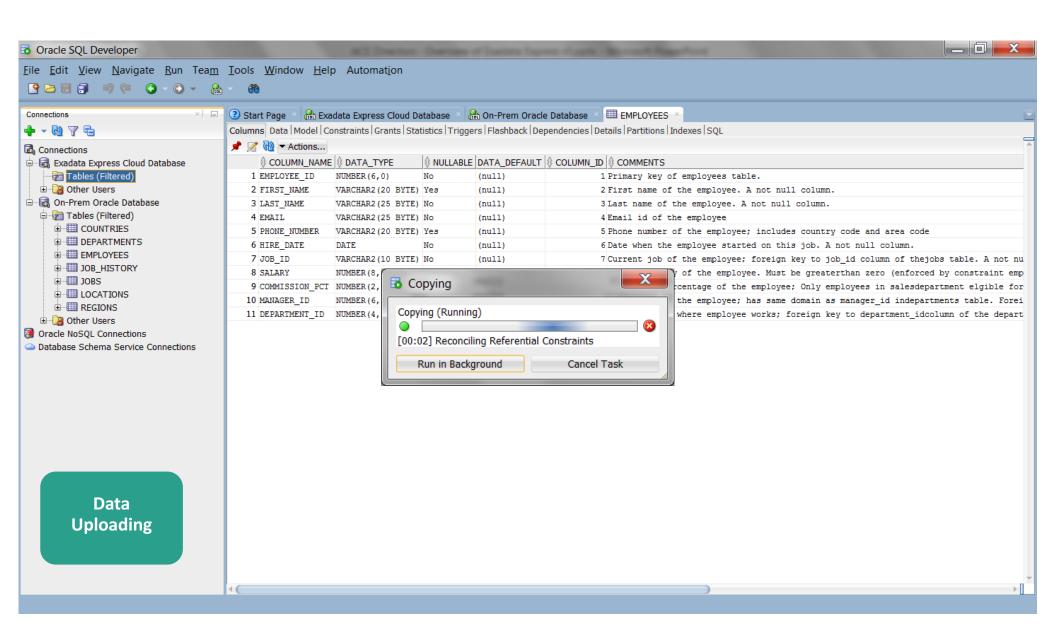


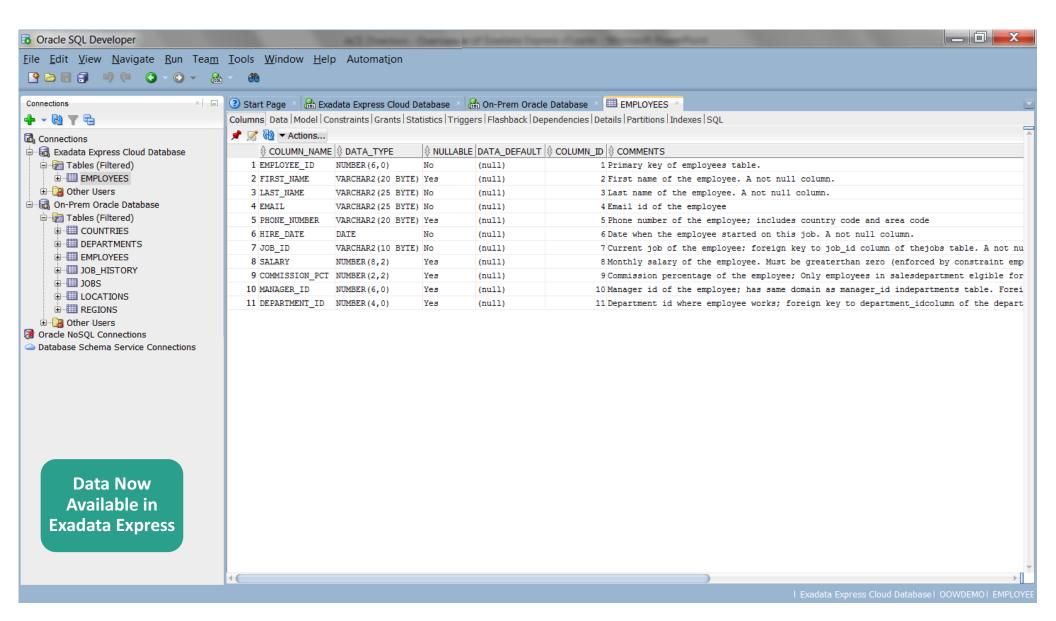












# Q&A



## **Online Resources**

### Learn

cloud.oracle.com/database

Buy

shop.oracle.com



## Integrated Cloud

Applications & Platform Services



## ORACLE®