Oracle Database Cloud for Oracle DBAs

- **Formato do curso:** Presencial
- **Localidade:** Lisboa
- **Data:** 21 Nov. 2019 a 25 Nov. 2019
- **Preço:** 1350€
- **Horário:** Laboral - das 09h30 às 17h30
- **Duração:** 18 horas

This Oracle Database Cloud for Oracle DBAs training teaches you how to administer the Oracle Database Cloud Service. It's ideal for existing DBAs who want to learn how to administer Oracle Database in the cloud.

Learn To:

- Sign in to Oracle Database Cloud Service.
- Deploy an Oracle Database 12c Release 2 environment.
- Manage different areas of database administration such as storage, backups, recovery, security, performance and monitoring through the Oracle Database Cloud Service consoles and Cloud tooling.
- Migrate on-premises databases to Oracle Database Cloud Service.
- Create, delete, stop, restart, patch and upgrade a database deployment.
- Monitor the database deployment by using the DBaaS Monitor utility.
- Manage users at all levels (Oracle Cloud Service, compute node and database)

You will benefit from interactive instruction that covers these three areas:

- **Database Deployment**
  - Instructors will provide an overview of what the Oracle Public Cloud offers in terms of services. Learn how to sign in to an Oracle Public Cloud account, create a database deployment and learn how to delete, stop, restart, patch and upgrade a database deployment.
  - Furthermore, you'll develop the knowledge and skills to add storage for the database deployment, containers, and perform on-demand backup and recovery operations. Instructors will deep-dive into security information, which includes configuring network access rules from tools and other database deployments, managing database deployment security at the compute node and the database levels, managing encryption of data at rest and in transit, and auditing the operations performed on the database deployment.
- **Migration**
  - Develop a deeper understanding of the benefits of migrating an on-premises database to Oracle Database Cloud Service. Review migration methods, including RMAN, Data Pump, unplug/plug, remote cloning, and SQL Developer.
- **Performance**

- Finally, you'll learn what can be tuned in a database deployment, along with how to use the DBaaS Monitor. Instructors will focus on the Waits, Sessions, and Alerts section, as well as how to access Enterprise Manager Database Express and use the Performance Hub and Tuning Advisor. You'll also walk away with the ability to scale the database deployment to get more CPU and RAM resources.

Destinatários

This course is ideal for existing DBAs who are looking to enhance their skills to become cloud DBAs. Taking this hands-on training will prepare DBAs for Cloud DBA certification exams.

Pré-requisitos

Recommended Related Training Courses:

- Oracle Database12 Managing Multitenant Architecture: This training will help you understand the multitenant architecture. Learn how to manage an Oracle multitenant container database and any associated pluggable databases in an effective and efficient manner.In this course, you will be introduced to Oracle Database Cloud Service.

Objectivos

- Audit operations performed on the database deployment
- Access Enterprise Manager Database Express
- Add storage for the database deployment
- Configure network security rules
- Tune a database deployment by using DBaaS Monitor utility
- Use the Oracle Cloud services consoles
- Create and manage a database deployment
- Grant privileges and roles to users at all levels, Oracle Cloud Service, compute node and database
- Manage encryption of data at rest and in transit
- Manage database deployment security access at the compute node and the database
- Migrate on-premises databases to DBCS via different methods
- Monitor the database deployment by using the DBaaS Monitor utility
- Perform on-demand backups and recovery of the database deployment
- Scale the database deployment to get more CPU and RAM resources

Programa

- Overview of Cloud Services
- Creating a Database Deployment

- Administering a Database Deployment
- Backing Up and Recovering
- Overview of Oracle Cloud Security
- Configuring Network Access to Database Deployment
- Using Oracle DBaaS Monitor
- Implementing Database Deployment Security
- Overview of Migrating to Database Cloud Service
- Using Oracle Data Pump to Migrate
- Using the Unplug/Plug Method to Migrate
- Using the Remote Cloning Method to Migrate
- Using Recovery Manager (RMAN) to Migrate
- Using SQL Developer to Migrate
- Overview of DBCS Performance Management
- Tuning Performance Issues
- Using REST APIs to Manage DBCS
- Deleting a Database Deployment