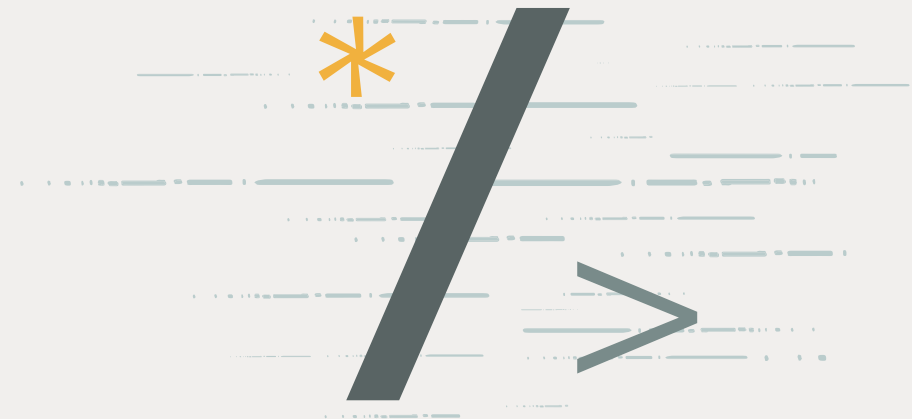


OCI Database Migration Professional 2024 Exam 1Z0-1194-24



—
Oracle Cloud Infrastructure

Database Migration Professional 2024

↑ Become an Oracle Cloud Database Migration Professional (2024)



Community

You are enrolled in this path

Learning Path

Status
In Progress

The "Oracle Cloud Database Migration Professional" learning path provides a comprehensive training pathway designed to equip learners with the skills necessary for migrating databases to Oracle Cloud. This course is ideal for IT professionals, database administrators, and system architects who are involved in planning and executing database migrations.

Skills You Will Learn

- **Migration Scenario Analysis:** Identify and evaluate different scenarios for moving databases to Oracle Cloud.
- **Tool Proficiency:** Master key Oracle tools like RMAN, Data Pump, and GoldenGate for secure and efficient migrations.
- **Advantage and Limitation Evaluation:** Assess the strengths and weaknesses of various migration methods.
- **Zero Downtime Migration (ZDM):** Learn advanced techniques to ensure business continuity during migrations.



<https://mylearn.oracle.com/ou/learning-path/become-an-oracle-cloud-database-migration-professional-2024/138919>



1Z0-1194-24 : Oracle Cloud Database Migration Professional 2024



- Number of Questions **50**
- Format **Multiple Choice**
- Duration **90 minutes**
- Passing Score **68%**

Oracle Cloud Database Migration Professional 2024

In this Learning Path you will learn to :

- **Identify Cloud Migration Scenarios**
- **Oracle Tools Overview**
- **Evaluate Migration Methods**
- **ZDM/DMS**



Cómo prepararse para el examen

- Sesión con Arquitecto Oracle
- Playlist videos mylearn.oracle.com
- Pruebas simuladas
- Laboratorios Livelabs

Cómo prepararse para el examen

Conocer el examen y los objetivos

Reunir materiales de estudio

Práctica con entornos reales o simulacros

Realizar evaluaciones

Apóyate en comunidades y foros

Planifica tu tiempo

Cómo prepararse para el examen

Estrategia de estudio

- **Dedica tiempo diario:** 2-3 horas al día.
- **Enfócate en los temas clave:** Según el temario oficial, prioriza herramientas y metodologías de migración.
- **Repasa conceptos básicos y avanzados:** Como arquitecturas de base de datos, compatibilidad entre versiones, y tuning para migraciones.

Cómo prepararse para el examen

Familiarízate con las herramientas y tecnologías utilizadas en las migraciones de Oracle Database:

- **Oracle Data Pump (expdp/impdp):** Para exportar e importar datos.
- **Oracle GoldenGate:** Para replicación en tiempo real.
- **RMAN (Recovery Manager):** Usado en migraciones y copias de seguridad.
- **Zero Downtime Migration (ZDM):** Para migraciones en vivo con mínima interrupción.
- **Oracle Cloud Infrastructure (OCI):** Aprende sobre las opciones de migración a la nube de Oracle.



Videos Clases + Livelabs + Material + Simulado Prueba

1 of 4

Your goal: Pass Certification Exam
3+ Hours of expert training

Oracle Cloud Database Migration Professional (2024)

Oracle Cloud Database Migration Professional (2024)

Course 10 Skill Checks

2h 46m

45%

>

Prepare for Certification

Prepare for Oracle Cloud Database Migration Professional

Module

19m

0%

>

Practice Exam

Practice Exam: Oracle Cloud Database Migration Professional

Module 1 Skill Check

100%

>

Online Certification Exam

Oracle Cloud Database 2024 Migration Professional (1Z0-1194-24)

1h 30m

Not Registered

Register Now

<https://mylearn.oracle.com/ou/learning-path/become-an-oracle-cloud-database-migration-professional-2024/138919>



Playlist Oracle University Learning Subscription

The screenshot displays the Oracle University MyLearn interface. At the top, a dark navigation bar includes the MyLearn logo, 'Oracle University', a search bar with the text 'What do you want to learn?', and navigation links for Home, Library, Live Sessions, Dashboard, Favorites, and a user profile icon labeled 'AF'. The main content area features a large banner for the 'Oracle Cloud Database Migration Professional (2024)' course. The banner includes a 'Resume Learning' button, a play button icon, and metadata: 'All Users', '10 Modules', and '2h 46m'. Below the banner, the course title is repeated with a 'Course' tag and icons for heart and share. A 'Course Information' tab is active, showing a snippet of the course description: 'Learn about the different migration techniques you can use'. On the right, a 'Playlist' sidebar is visible, containing a search bar, checkboxes for 'Skill Checks' and 'Auto Play', and a list of course modules with their durations. The first module, '1. Database Migration to OCI', is expanded, showing four items: 'Oracle Database Cloud Migration' (5m), 'Target Database Environment in OCI' (8m), 'Migration Process' (3m), and a 'Skill Check: Database Migration to OCI' (Score 80% or higher to Pass, Highest score: 100%). The second module, '2. Migration Types and Methods', is also listed. At the bottom of the playlist, the 'Course Duration' is shown as '2h 46m' with a progress bar.

↑

Oracle Cloud Database Migration Professional (2024)

All Users 10 Modules 2h 46m

Resume Learning

Oracle Cloud Database Migration Professional (2024) Course

Learn about the different migration techniques you can use

Course Information

Playlist

Search playlist

☐ Skill Checks ☒ Auto Play

- 1. Database Migration to OCI**
 - ✓ Oracle Database Cloud Migration 5m
 - ✓ Target Database Environment in OCI 8m
 - ✓ Migration Process 3m
 - ✓ Skill Check: Database Migration to OCI Highest score: 100%
Score 80% or higher to Pass
- 2. Migration Types and Methods**

Course Duration 2h 46m

<https://mylearn.oracle.com/ou/course/oracle-cloud-database-migration-professional-2024/138920>



Pruebas simuladas

Simulacros de examen

- **Pruebas prácticas:** Utiliza plataformas como:
 - [Whizlabs](#)
 - Udemy (cursos con preguntas específicas de certificaciones Oracle)
 - Oracle Practice Tests (Oracle University).
- **Evaluación constante:** Realiza simulacros para identificar áreas que necesitan refuerzo.

Livelabs



LiveLabs

Q migration

- Migrate Databases Using **Migration** Workbench - ADB Destinations (ID:3390)
- Migrate Oracle Databases using **Migration** Workbench (ID:3310)
- Migrate PeopleSoft to Autonomous Database Serverless using Zero Downtime **Migration** (ID:3860)
- Migration** Essentials for Moving Data into OCI Cloud Storage (ID:3995)
- Next-Level Platform **Migration** with Cross-Platform Transportable Tablespaces (ID:3961)
- OCI Database **Migration** (ID:856)
- OCI Hosted PeopleSoft Environments **Migration** to PeopleSoft Cloud Manager (ID:3628)
- Oracle Cloud Infrastructure Database **Migration** service - Online migration (ID:3411)
- Prepare a Tenancy for EBS **Migration** Following CIS Benchmark Security Guidelines (ID:3945)
- Zero Downtime **Migration** : Physical Offline Migration to Co-Managed Databases in OCI (ID:3568)
- Zero Downtime **Migration**: Logical Online Migration to Oracle Autonomous Database (ID:937)
- Zero Downtime **Migration**: Physical Online Migration with Backup Location to Co-Managed Databases in OCI (ID:3618)
- Zero Downtime **Migration**: Physical Online Migration with Direct Data Transfer to Co-Managed Databases in OCI (ID:3669)

Featured Workshops

View All Workshops

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



Livelabs

Practica con escenarios reales


- **Configura un entorno de práctica:**

- Descarga una versión gratuita de Oracle Database y Oracle Cloud Infrastructure (OCI) Free Tier.
- Simula migraciones de bases de datos locales a la nube o entre diferentes versiones.


- **Crea casos prácticos:**

- Migra una base de datos con Data Pump y verifica los resultados.
- Realiza una replicación con GoldenGate.
- Utiliza RMAN para mover bases de datos.





LiveLabs


Search Workshops and Sprints...

Ever


Zero Downtime Migration : Physical Offline Migration to Co-Managed Databases in OCI


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
**Want to try
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for free?**





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 3 hours

Outline
Introduction
Get Started
Lab 1: Create SSH Keys
Lab 2: Provision source database.
Lab 3: Provision target database.
Lab 4: Provision and configure ZDM service host.
Lab 5: Prepare source database.
Lab 6: Prepare target database.
Lab 7: Create Object Storage Bucket and Auth Token.
Lab 8: Migrate Database.
Need Help

Prerequisites

- Familiarity with Database is desirable, but not required
- Some understanding of cloud and database terms

About This Workshop

Oracle customers are moving Oracle workloads into the Oracle Cloud or onto Engineered Systems at a growingly rapid pace. However, migrating workloads has been a source of challenges for many users. In particular, migration

<https://apexapps.oracle.com/pls/apex/f?p=133:180:16676774529158::::wid:3568>



Zero Downtime Migration: Logical Online Migration to Oracle Autonomous Database

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3 hours

Outline

- Introduction
- Getting Started
- ZDM Fundamentals
- Creating SSH Keys
- Provisioning a Compute Instance
- Installing Zero Downtime Migration
- Configuring the Environment
- Setting up the Source Database
- Provisioning the Target Autonomous Database
- Token and Authentication Credential Management
- Setting Up the GoldenGate Hub
- Preparing the Response File
- Migrating your Database

Prerequisites

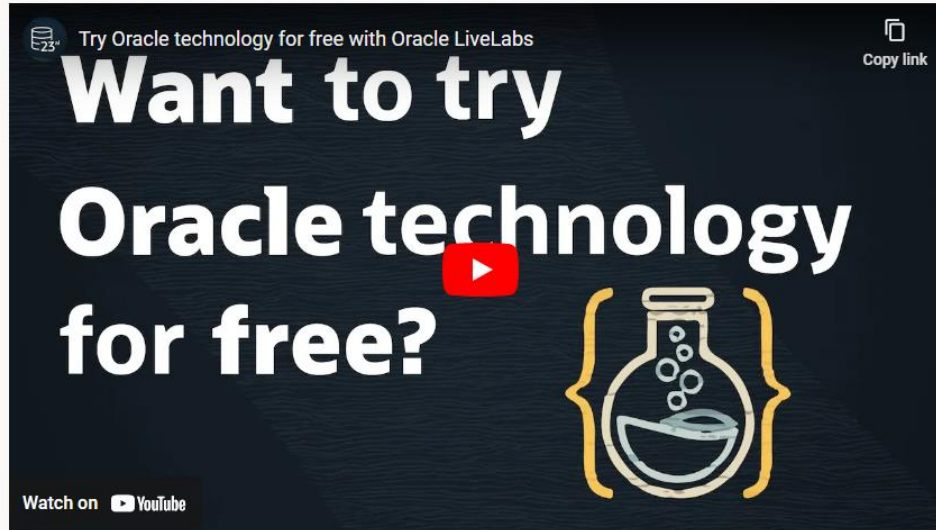
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<https://apexapps.oracle.com/pls/apex/f?p=133:180:9416569185434::::wid:937>

Zero Downtime Migration: Physical Online Migration with Backup Location to Co-Managed Databases in OCI

[Share](#)[Start](#)

⌚ 3 hours, 30 minutes

Outline

Introduction

Get Started

Lab 1: Create SSH Keys

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About This Workshop


Oracle customers are moving Oracle workloads into the Oracle Cloud or onto Engineered Systems at a growingly rapid pace. However, migrating workloads has been a source of challenges for many years. In particular, migrating database workloads from one system to another or into the Cloud is easier said than done.

<https://apexapps.oracle.com/pls/apex/f?p=133:180:13878947947138::::wid:3618>



Zero Downtime Migration: Physical Online Migration with Direct Data Transfer to Co-Managed Databases in OCI


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More videos



0:00 / 0:38

YouTube

3 hours, 30 minutes

Outline

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- Need Help


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<https://apexapps.oracle.com/pls/apex/f?p=133:180:115388330129248::::wid:3669>


Zero Downtime Migration: Physical Online Migration with Direct Data Transfer to Co-Managed Databases in OCI

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 3 hours, 30 minutes

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The **Run on Your Tenancy** button provides step-by-step instructions so you can run this workshop on your personal tenancy!

Run on Your Tenancy



[- Introduction](#)[About this workshop](#)[Learn More](#)[Acknowledgements](#)[+ Get Started](#)[+ Lab 1: Create SSH keys](#)[+ Lab 2: Provision source database](#)[+ Lab 3: Provision target database](#)[+ Lab 4: Provision and configure ZDM service host](#)[+ Lab 5: Prepare source database](#)[+ Lab 6: Prepare target database](#)[+ Lab 7: Migrate database](#)[+ Need Help?](#)

Introduction

About this workshop

This workshop consists of step-by-step instructions for physical online

Estimated Time: 3 hours 30 minutes

About Zero Downtime Migration

Oracle Zero Downtime Migration (ZDM) is the Oracle Maximum Availability Architecture migration process as straightforward as possible and ensures the most efficient migration to Oracle Cloud Infrastructure. The Target Database deployment can be on Oracle Exadata Cloud at Customer, or Autonomous Database. ZDM automates the migration process using technologies such as Oracle Data Guard and GoldenGate and follows all Oracle Migration workflows.

Oracle ZDM supports Oracle Database versions 11.2.0.4, 12.1.0.2, 12.2.0.1, and 19c. With ZDM 21.1, the Logical Migration workflow supports cross-version migration.

Oracle ZDM allows the source database to be a non-CDB or a container database migrated to Pluggable Databases on the fly, allowing for total conversion.

The Zero Downtime Migration software offers a command line interface to manage the Zero Downtime Migration service host. You can run one or more database migration jobs.

Migration Paths

ZDM supports on-premises databases to be migrated to a variety of Oracle Cloud Infrastructure targets:

- Oracle Base Database Service
- Oracle Exadata Database Service on Dedicated Infrastructure
- Oracle Exadata Database Service on Cloud@Customer

+ Introduction

+ Get Started

+ Lab 1: Create SSH keys

- Lab 2: Provision source database

Introduction

Task 1 : Create Virtual Cloud Network

Task 2 : Provision Source Database

Acknowledgements

+ Lab 3: Provision target database

+ Lab 4: Provision and configure ZDM service host

+ Lab 5: Prepare source database

+ Lab 6: Prepare target database

+ Lab 7: Migrate database

+ Need Help?



Virtual machine, 1 core OCPU, 16 GB memory, 1 Gbps network bandwidth

Change shape

8. Under **Networking**, please enter details as shown below.

Networking

[Collapse](#)

[Networking](#) is how your instance connects to the internet and other resources in the Console. To make sure you can [connect to your instance](#), assign a public IP address to the instance.

Primary network

☒ Select existing virtual cloud network ☐ Create new virtual cloud network ☐ Enter subnet OCID

Virtual cloud network in [redacted] ([Change Compartment](#))

ZDM-VCN

Subnet

An IP address from a public subnet and an [internet gateway](#) on the VCN are required to make this instance accessible from the internet.

☒ Select existing subnet ☐ Create new public subnet

Subnet in [redacted] ([Change Compartment](#))

Public Subnet-ZDM-VCN (regional)

Public IPv4 address

☒ Assign a public IPv4 address ☐ Do not assign a public IPv4 address

9. Under **Add SSH keys**.

Cómo prepararse para el examen

- RMAN-00569: This error stack banner message indicates that there are errors in the RMAN output. Other error messages will follow to explain the reason for the error.
- RMAN-01109: This message indicates that the RMAN client failed and provides the file name where the client diagnostics traces are logged.
- RMAN-01110: This message indicates that there was an RMAN failure during the command execution phase and provides the file name where the server diagnostics traces are logged.
- RMAN-01111: This message indicates that the RMAN client failed to connect to a server and that RMAN server traces were not dumped.
- ORA-19511: This message indicates that there was an error from the media manager. The media manager's message should provide enough information to fix the problem.
- RMAN-03002 or RMAN-03009: These messages indicate which command failed.
- RMAN-00558: This message indicates that there was a syntax error.

Oracle Data Pump error messages

- **ORA-39001**: Invalid argument value
- **ORA-31626**: Job does not exist
- **ORA-39002**: Invalid operation
- **ORA-39070**: Unable to open the log file
- **ORA-29283**: Invalid file operation: path traverses a symlink
- **ORA-39324**: Cannot load data from Data Pump dump file
- **ORA-39405**: Oracle Data Pump does not support importing from a source database with TSTZ version string into a target database with TSTZ version string
- **ORA-39402**: If this message is seen before the job has started, then retry the operation using a different name or directory object for the log or SQL file
- **ORA-31622**: The end of the dump file input was reached unexpectedly

Cómo prepararse para el examen

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- Playlist videos mylearn.oracle.com
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ORACLE



Thank you!

