

# Certification Exam Preparation Guide

Oracle Autonomous Database Cloud 2019 Specialist Exam  
1Z0-931



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## Contents

|   |   |
|---|---|
| Introduction .....                                    | 2 |
| Target Audience .....                                 | 2 |
| Certification Details.....                            | 2 |
| Certification Benefits .....                          | 3 |
| Exam Topics .....                                     | 3 |
| Exam Preparation.....                                 | 5 |
| Review Documentation.....                             | 5 |
| Exam Registration Process.....                        | 6 |
| Exam Score.....                                       | 6 |
| Oracle Certification Program Candidate Agreement..... | 7 |
| Oracle Certification Program Guidelines .....         | 7 |
| Important: Check the Exam Information Page .....      | 7 |
| Contact us .....                                      | 7 |

## Introduction

An Oracle Autonomous Database 2019 Specialist has demonstrated the knowledge required to provision, manage, and migrate to Autonomous Transaction Database (ATP) and Autonomous Data Warehouse (ADW). It is designed for database administrators, monitors, and Dev Ops admins who want to validate their knowledge and skills.

Individuals who earn this certification are able to understand the features and workflows of Autonomous Database; provisioning and connecting, migration using SQL Developer, Data Pump and Golden Gate, manage and monitor, and understand tools, reporting and analytics using Autonomous Data Warehouse.

Up-to-date training and hands-on experience or practice in Autonomous Database is highly recommended.

## Target Audience

This certification is available to all candidates, including on-premises DBAs, Cloud data management professionals, and consultants.

An Autonomous Database Specialist:

- Is able to describe the architectural components of Autonomous Database (ADB).
- Understands how ADB integrates with the Oracle Cloud Platform.
- Is responsible for provisioning, managing and monitoring ADB service instances.
- Is able to migrate data into ATP & ADW instances.
- Understands how to use ADB with Oracle tools and third party software.

## Certification Details

- **Certification Name:** Oracle Autonomous Database Cloud 2019 Specialist
- **Exam Number:** 1Z0-931
- **Target Audience:** All data management professionals, including on-premises DBAs and consultants
- **Platform:** Available on Oracle University and delivered via Pearson VUE
- **Exam Duration:** 120 minutes
- **Exam Cost:** \$245 (25% discount on this list price if you are OPN (Oracle Partner Network) and have the OPN number with you while registering for the exam)
- **Passing Score:** 63%



## Certification Benefits

- Stand out amongst world-wide cloud professionals by establishing industry capability in world-class technology.
- Validate your skills and knowledge on how to create infrastructure solutions using Oracle Cloud Infrastructure Services.
- Secure a digital badge for your social media profile to demonstrate your credibility in the industry. (<https://www.youracclaim.com/org/oracle/badge/oracle-autonomous-database-cloud-2019-certified-specialist>)



## Exam Topics

This exam is revised regularly to align with training and service release updates. The following table lists the exam objectives, followed by concepts that may be tested in this section.

| # | Exam Objective                         | Concepts Possibly Tested In Section  |
|---|--|--|
| 1 | Autonomous Database Technical Overview | <ul style="list-style-type: none"> <li>• Describe the architectural components of Autonomous Database (ADB)</li> <li>• Describe how ADB integrates with the Oracle Cloud Platform</li> <li>• Articulate the key features of Autonomous Database</li> <li>• Describe a typical workflow for using ADB</li> <li>• Understand the OCI Infrastructure</li> <li>• Describe how database security is leveraged in ADB</li> </ul> |

| # | Exam Objective   | Concepts Possibly Tested In Section   |
|---|--|---|
| 2 | Migration and Data Loading into Autonomous Database                  | <ul style="list-style-type: none"> <li>Describe the options and considerations for migrating to ADB</li> <li>Using SQL Developer to test data loading scenarios</li> <li>Migrate to ADB using Data Pump</li> <li>Migrate to ADB using Golden Gate</li> <li>Supporting business users with Data Sync</li> <li>Load data using DBMS_CLOUD</li> </ul>  |
| 3 | Monitoring Autonomous Database                                       | <ul style="list-style-type: none"> <li>Monitor ADB performance</li> <li>Use services in ADB</li> </ul>  |
| 4 | Provisioning and Connectivity  | <ul style="list-style-type: none"> <li>Provision an Autonomous Database service</li> <li>Find and download database credentials</li> <li>Connect to an ADB service</li> <li>Navigate the OCI console</li> </ul>   |
| 5 | Managing and Maintaining Autonomous Database                         | <ul style="list-style-type: none"> <li>Manage users and user privileges in ADB</li> <li>Start, stop and scale ADB</li> <li>Use rest APIs to manage ADB</li> <li>Use the OCI command line to manage ADB</li> <li>Manage ADB Backups and Restores</li> <li>Explore ADB using SQL Developer</li> <li>Understand ADB for Experienced Users</li> </ul>   |
| 6 | Tools, Reporting and Analytics using Autonomous Data Warehouse (ADW) | <ul style="list-style-type: none"> <li>Describe how to use ADW with 3rd party software</li> <li>Describe how to use Machine Learning algorithms with ADW</li> <li>Describe how to build analytic views</li> <li>Explain how to use Oracle Machine Learning notebooks with ADW</li> <li>Explain how to use the Oracle Analytics Cloud with ADW</li> <li>Explain how to use Data Visualization Desktop with ADW</li> <li>Build visualizations using Data Visualization Desktop and ADW</li> </ul> |

## Exam Preparation

To successfully prepare for this exam certification, an up-to-date training and hands-on experience or practice in Oracle Autonomous Database is recommended. If you are unable to obtain hands-on experience, it is strongly recommended that you get as much practice as possible in labs or test environments. We also highly recommend that you become familiar with the recommended training content.

Oracle Autonomous Database training is frequently updated to reflect the changes in the cloud services. We recommend that you reference the latest documentation to ensure that you have the latest information about the services.

To successfully prepare for this certification you can access the digital content available in, Oracle Data Management Cloud Learning Subscription or attend instructor-led courses. Here are some recommended options for an individual to successfully prepare for this certification:

- I. Take these instructor-led courses:
  - a. [Oracle Autonomous Database Workshop](#) (ILT: D105098GC10, LVC: D105100GC10)
  - b. [Migrating Your Oracle Database to Autonomous Database Cloud](#) (ILT: D107342GC10, LVC: D107344GC10)

- II. Or you can follow these Learning Paths in one of the two subscriptions listed below:

### Learning Paths:

- Become an Autonomous Database Specialist
  - Create, Manage & Migrate to Oracle Autonomous Database
- a. [Oracle Data Management Cloud Services Learning Subscription](#)
  - b. [Unlimited Cloud Learning Subscription](#)

## Review Documentation

<https://docs.cloud.oracle.com/en-us/iaas/Content/Database/Concepts/adboverview.htm>

## Exam Registration Process

Ensure you have a login for Oracle exams delivered through Pearson VUE. To create a login, go to <http://www.pearsonvue.com/oracle>.

To register for the certification exam:

- Go to <http://www.pearsonvue.com/oracle>.
- Select **Sign In** under Oracle on top right.
- Use your Pearson VUE account to log in.
  - Do not create a new account if you cannot remember your old account information; use the Forgot my username or Forgot my password links to recover your information. Creating a new account can create logic issues resulting in certification information not being processed correctly.
- Select **Proctored Exam**.
- Type **1Z0-931: Oracle Autonomous Database Cloud 2019 Specialist** and select **Go**.
- Select how you want to take the exam and follow the prompts

When you are ready to take your exam, please register with Pearson VUE (<http://www.pearsonvue.com/oracle>). Note that it can take multiple weeks to sit for an exam, so be certain that you register for the exam multiple weeks prior to when you plan to take the exam.

Additionally, you can also take the exam in the comfort of your own home. Please visit here (<http://www.pearsonvue.com/oracle/op>) for more information. Read through this site completely as there are many steps which need to be completed prior to the exam delivery. You will also need Adobe Air installed; you can get the latest version by clicking here (<https://get.adobe.com/air/>). Additionally, some security software programs like Antivirus or Internet Security software can disrupt exam delivery and may need to be temporarily disabled.

Periodically, Oracle offers testing opportunities connected to some of our training events. These tests are delivered using a laptop that you bring. Please verify that the laptop you bring meets the requirements posted here (<http://pearsonvue.com/oracle/ap/proctor.asp>), under **Verify System Requirements** → **System Requirements**).

## Exam Score

After you have taken your exam, you can view your results by visiting CertView:

[https://brm-certview.oracle.com/pls/certview/ocp\\_interface.ocp\\_admin\\_report](https://brm-certview.oracle.com/pls/certview/ocp_interface.ocp_admin_report)



## Oracle Certification Program Candidate Agreement

In order to take your Oracle certification, you will need to agree to the Oracle Certification Program Candidate Agreement. Please review this document by going here:

[http://education.oracle.com/education/pdf/ocp\\_candidate\\_agreement.pdf](http://education.oracle.com/education/pdf/ocp_candidate_agreement.pdf)

## Oracle Certification Program Guidelines

Learn more about Oracle Certification policies by going here:

[https://education.oracle.com/pls/web\\_prod-plq-dad/db\\_pages.getpage?page\\_id=138](https://education.oracle.com/pls/web_prod-plq-dad/db_pages.getpage?page_id=138)

## Important: Check the Exam Information Page

**PLEASE NOTE:** As Oracle Cloud content is continually being updated, this exam is continually being updated as well. No announcement or communications are sent regarding the exam update and it is up to you, the exam candidate, to check the exam information page:

[https://education.oracle.com/oracle-autonomous-database-cloud-2019-specialist/pexam\\_1Z0-931](https://education.oracle.com/oracle-autonomous-database-cloud-2019-specialist/pexam_1Z0-931)

**BE AWARE:** The use of any non-Oracle approved testing material, including copies of test questions (known as “brain-dumps” or “dumps”) are not allowed (see <https://blogs.oracle.com/certification/using-braindumps-is-cheating>) and can lead to the invalidation of your exam score. Please review the [Oracle Certification Candidate Agreement](#) for more information.

## Contact us

Oracle University Contact Information: <https://education.oracle.com/OUcontactUs>