ORACLE

Move your data to ADW

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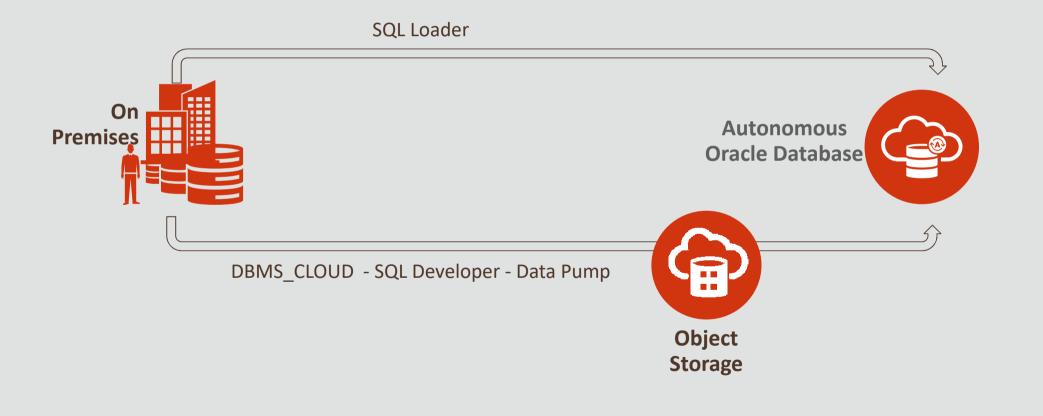
How to move your data and databases into Autonomous



- 1 Introduction
- 2 SQL Developer
- SQL Loader
- Data Pump

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Autonomous Cloud | Migration Techniques



Autonomous Cloud | Restrictions

- Please see an always up-to-date list here: https://docs.oracle.com/en/cloud/paas/autonomous-data-warehouse- cloud/user/experienced-database-users.html#GUID-58EE6599-6DB4-4F8E-816D-0422377857E5
- Data types
- Parameters
- Database features
- Some database commands

Topics

- About the Autonomous Data Warehouse Database
- Restrictions for Database Initialization Parameters
- Restrictions for SQL Commands
- Restrictions for Data Types
- Managing Partitions, Indexes, and Materialized Views
- Restrictions for Database Features

Autonomous Cloud | Create an Always Free ADB

Make sure Always Free toggle is ON

Choose a workload type

Data Warehouse Configures the database for a decision support or data warehouse workload, with a bias towards large data scanning operations.	Transaction Processing Configures the database for a transactional workload, with a bias towards high volumes of random data access.
Choose a deployment type	
Serverless Run Autonomous Database without provisioning infrastructure. \checkmark	Dedicated Infrastructure Run Autonomous Database on dedicated Exadata infrastructure.
Configure the database	
Always Free () Show only Always Free configuration options	
CPU core count	Storage (TB)
1 Always Free Autonomous Databases can utilize up to 1 core. The CPU core count cannot be adjusted.	0.02 Always Free Autonomous Databases can utilize up to 0.02 TB (20 GB) of storage. The storage size cannot be adjusted.

Autonomous Cloud | Create an Always Free ADB

It will take a few minutes to provision your ADB instance

ORACLE Cloud								
Autonomous Database	Autonomous Databases in Vishal Compartment							
Autonomous Database	Create Autonomous Da	atabase						
Autonomous Container Database	Name	Database Name	State	Dedicated Infrastructure	CPU Core Count	Storage (TB)		
Autonomous Exadata Infrastructure	FreeADW5 Always Free	FreeADW5	Available	No	1	0.02		
List Scope								

- Quick Start Solution:
 - https://github.com/oracle/oci-quickstart-cloudnative

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Migration into ADB | SQL Developer

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Autonomous Database » Autonomous Data	Autonomous Database Information Tags	Actions -
AVAILABLE	Workload Type: Data Warehouse Display Name: MIKEADW Database Name: MIKEADW CPU Core Count: 2 Storage (TB): 1	



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Migration into ADB | SQL Loader

- Download the Connection Wallet
- Download and install the Oracle Instant Client (if needed)
- Edit sqlnet.ora
- Set TNS_ADMIN & PATH environment variables

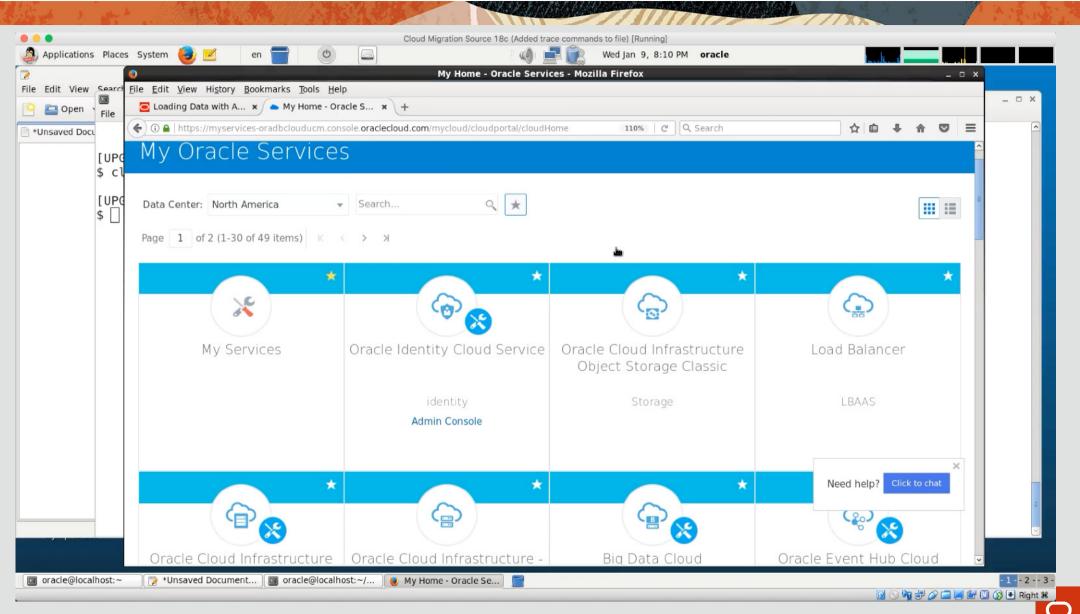


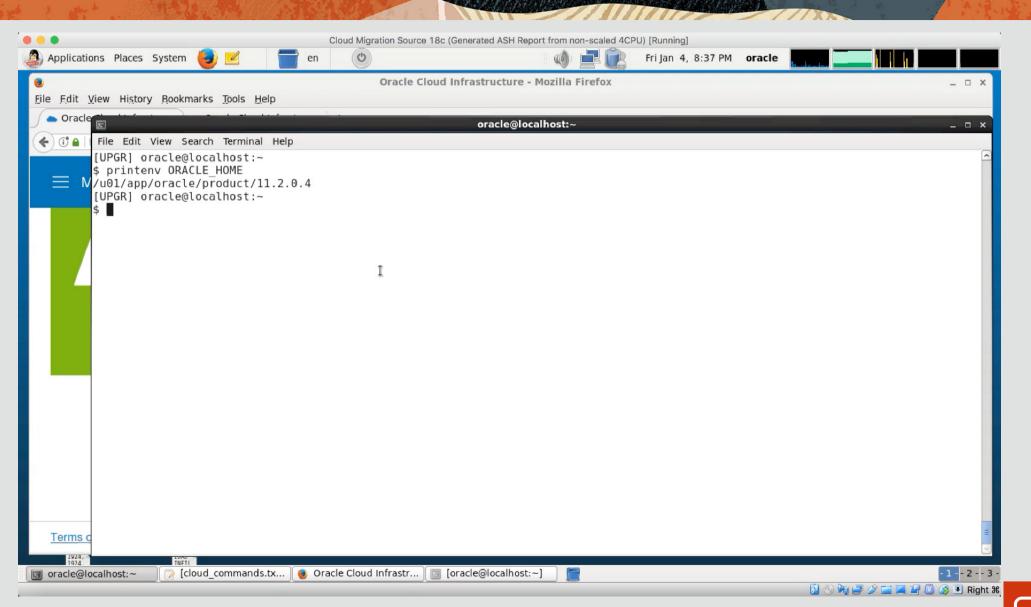


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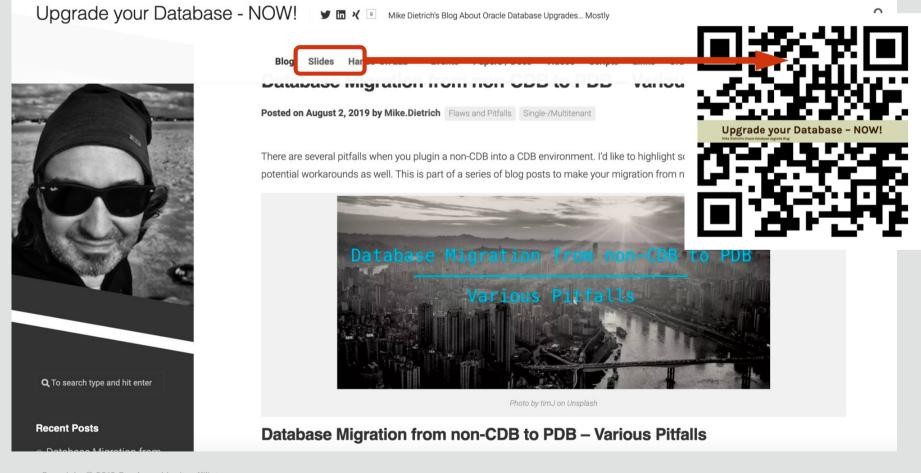
Migration into ADB | Data Pump Example

• Upload dump file to the object store:

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		Developer tools are available for a	dvanced object operation	ns.
lesources		Upload Object	<u>help</u> car	icel
Objects		You can use the Console to upload objects either the Oracle Cloud Infrastructure common or the multipart upload API to upload large Objects for guidance.	mand line interface (C	El)
Pre-Authentio	cated Requests	Choose a file from your computer:	Brow	ind.
Lifecycle Poli		OR	×	Dracle and/or its affiliate

Lean back and relax! It is pretty simple and straight forward

Slides | https://MikeDietrichDE.com



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