

# Class 2

21 February 2025 04:54

oracle.com/database/technologies/net-downloads.html

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- Oracle Provider for OLE DB
- Oracle OLAP Provider for OLE DB
- Oracle Services for Microsoft Transaction Server
- Oracle Instant Client

Download the Xcopy packages below. Unzip the package to review the installation instructions in the README. Each of these downloads requires the Visual C++ Redistributable for Visual Studio 2015-2022 later:

ODAC 23ai	<a href="#"> Latest 64-bit version</a>	N/A	<a href="#"> Earlier versions</a>
ODAC 21c	<a href="#"> Latest 64-bit version</a>	<a href="#"> Latest 32-bit version</a>	<a href="#"> Earlier versions</a>
ODAC 19c	<a href="#"> Latest 64-bit version</a>	<a href="#"> Latest 32-bit version</a>	<a href="#"> Earlier versions</a>

oracle.com/database/technologies/appdev/ocmt.html

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## Connect Microsoft Tools to Oracle Databases

Oracle Client for Microsoft Tools installs and configures Oracle Data Provider for .NET (ODP.NET) to support 32-bit and 64-bit Microsoft tool connections with Oracle on-premises and cloud databases, including Oracle Autonomous Database. It supports connecting with Power BI Desktop, Power BI service, Excel, SQL Server Analysis Services, SQL Server Data Tools, SQL Server Integration Services, SQL Server Reporting Services, and BizTalk Server.

Get the Details

Download

64-bit Oracle Client for Microsoft Tools 19c

32-bit Oracle Client for Microsoft Tools 19c

How to Install Oracle Client for Microsoft Tools (PDF)

learn.microsoft.com/en-us/power-bi/connect-data/desktop-connect-oracle-database#installing-the-oracle-client

Filter by title

Custom management connector

- Connect to an Oracle database
  - Enter data directly into Power BI Desktop
  - Connect to webpages
    - > Python
    - > R
  - Connect to Snowflake in the Power BI service
  - Connect to SSAS multidimensional models
  - Connect to Analysis Services tabular data
  - Connect to data sources with DirectQuery
  - Connect to SAP Business Warehouse with DirectQuery
  - Connect to SAP HANA data sources with DirectQuery

## Install the Oracle Client for Microsoft Tools

OCMT installs and configures Oracle Data Provider for .NET (ODP.NET) to support 32-bit and 64-bit Microsoft tool connections with Oracle on-premises and cloud databases, including Oracle Autonomous Database. It is a graphical installer that automates the Oracle Database Client setup process. It supports connecting with Power BI Desktop, Power BI service, Excel, SQL Server Analysis Services, SQL Server Data Tools, SQL Server Integration Services, SQL Server Reporting Services, and BizTalk Server.

OCMT is free software. It can be downloaded from the [Oracle Client for Microsoft Tools page](#) and is available for 32-bit or 64-bit Power BI Desktop.

Power BI Desktop uses unmanaged ODP.NET to connect to Oracle database or Oracle Autonomous Database.

You can find [step-by-step instructions on how to use OCMT and set up Oracle database connectivity in Power BI Desktop here](#).

Certification  
[Microsoft Certified: Power BI Data Analyst Associate - Certifications](#)  
Demonstrate methods and best practices that align with business and technical requirements for modeling, visualizing, and analyzing data...

Documentation  
[Power Query Oracle database connector - Power Query](#)  
Provides basic information and prerequisites for the connector, and instructions on how to connect to your Oracle database using the...

Manage your data source - Oracle - Power BI  
Learn how to manage the on-premises data gateway and Oracle data sources that belong to that gateway.

Oracle connection type (Power BI Report Builder) - Power BI  
Use the information in this article about the Oracle connection type to learn how to build a data source.

learn.microsoft.com/en-us/power-bi/connect-data/desktop-connect-oracle-database#installing-the-oracle-client

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  - Connect to data sources with DirectQuery

## Connect to an Oracle database with Power BI Desktop

Article • 08/16/2024 • 17 contributors [Feedback](#)

### In this article

Determine which version of Power BI Desktop is installed  
Install the Oracle Client for Microsoft Tools  
Connect to an Oracle database with the on-premises data gateway  
Connect to an Oracle Database  
Related content

You can easily connect to Oracle to access and analyze data in Power BI Desktop. This article describes the initial setup requirements for creating the connection.

To connect to an Oracle database or Oracle Autonomous Database with Power BI

Additional resources

Events  
[Power BI DataViz World Championships](#)  
Feb 14, 9 PM - Mar 31, 9 PM  
With 4 chances to enter, you could win a conference package and make it to the LIVE Grand Finale in Las Vegas  
[Learn more](#)

Training  
Module  
[Get data in Power BI - Training](#)  
You'll learn how to retrieve data from a variety of data sources, including Microsoft Excel, relational databases, and NoSQL data stores....

Certification

## Oracle database

The recommended provider ('Oracle.DataAccess.Client') is not installed. You can continue with your current provider, however it has been deprecated and may not work correctly.

[Learn more](#)

OK

## Oracle database

Server

XXX-XX-XX:1001/YYYY

Data Connectivity mode

Import

DirectQuery

Advanced options

Command timeout in minutes (optional)

SQL statement (optional)

  
I

Include relationship columns

Navigate using full hierarchy

OK

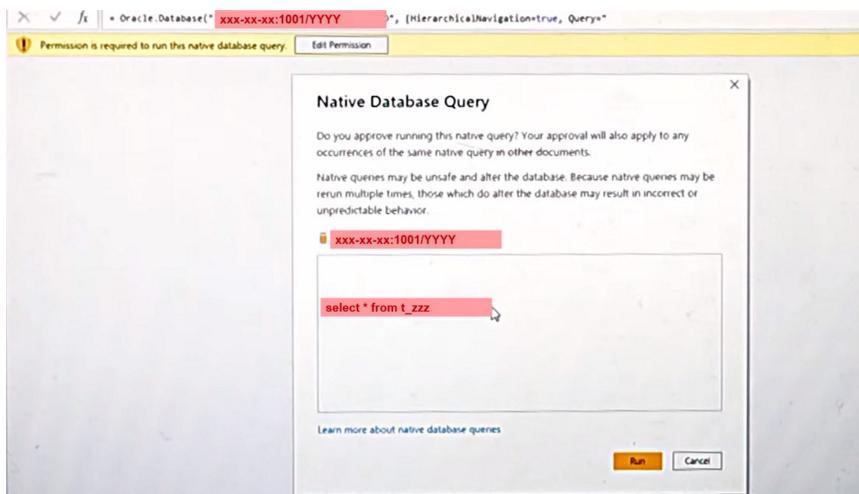
Cancel

Advanced Editor

## Query2

Display Options

```
let
  Source = Oracle.Database("XXX-XX-XX:1001/YYYY", {HierarchicalNavigation=true, Query="select * from t_zzz"})
in
  Source
```



For native database queries:

```
let
Source =
Orcale.Database("server", [Query="sql code"])
in
Source
```

