Welcome to IDERA DB Optimizer 18.5.x

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Thank you for using IDERA DB Optimizer, an enterprise SQL development and optimization tool that gives database developers and administrators the perfect environment for building the best performing SQL code. This application easily identifies inefficient SQL code and boosts developer productivity by ensuring SQL is right before it becomes a problem in mission-critical applications. DB Optimizer also provides a rich SQL IDE with code completion, real-time error checking, code formatting and sophisticated object validation tools. Lastly, DB Optimizer provides advanced project and data source management tools.

> **WARNING**: **DB OPTIMIZER 17.0.1 AND LATER CANNOT USE ANY WORKSPACES PRODUCED BY PREVIOUS DBO VERSIONS, NOR USE ANY FILES CREATED BY THOSE OLDER WORKSPACES.**

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WHAT'S NEW IN DB OPTIMIZER 18.5

Updates supported database versions

DB PowerStudio 18.5 adds support for the following database versions:

- Db2 for LUW 11.5.x (*Applicable to all DB PowerStudio products*)
- MySQL 8.0 and later (*Applicable to DBArtisan and Rapid SQL only*)
- PostgreSQL 14.x (*Applicable to DBArtisan, DB Optimizer, and Rapid SQL only*)

REQUIREMENTS

Before installing IDERA DB Optimizer, verify that your environment meets the following requirements.

Hardware Requirements
The following are the minimum hardware requirements:

- 1+ GHz CPU
- 3 GB RAM
- 1 GB of free disk space
- 1024 x 768 display

Supported Operating Systems
DB Optimizer is supported on the following operating systems (32- and 64-bit):

- Microsoft Windows 7, 8, 8.1, 10, and 11
- Microsoft Windows Server 2008 SP1, 2008 R2, 2012, 2012 R2, 2016, and 2019

Supported Cloud Platforms
DB Optimizer is supported on the following cloud platforms:

- Amazon Elastic Compute Cloud (EC2)
- Amazon Redshift
- Microsoft Azure SQL Database with AAD Support
- Microsoft Azure Virtual Machine (VM)
- Oracle Autonomous Database (Profiling only)
- Oracle Cloud Infrastructure***
- Snowflake

DBMS SUPPORT

SQL Execution, Tuning and DBMS Support
SQL execution and SQL tuning with DB Optimizer is supported on the following DBMS platforms and versions:

- IBM Db2 LUW 10.x and 11.x*
- JDBC (Execution only)
- MS SQL Server 2008**, 2012, 2014, 2014 SP2, 2016*, 2017*, 2019*, and 2022*
- Oracle 10g**, 11g**, 11g R2, 12c, 12c R2, 18c, and 19c
- PostgreSQL 9.6
- Sybase 15.7 and 16.x

SQL Profiling and DBMS Support
SQL profiling with DB Optimizer is supported on the following DBMS platforms and versions:

- IBM Db2 LUW 10.x and 11.x
- MS SQL Server 2008**, 2012, 2014, 2014 SP2, 2016, 2017*, 2019*, and 2022*
- Oracle 10g**, 11g**, 11g R2, 12c, 12c R2, 18c, and 19c
- Sybase ASE 15.7 and 16.x

* For these databases, DB Optimizer supports a subset of this database version's features/functions.

** Support for this version is nearing end of life and may not be available in subsequent DB Optimizer releases.

Note: DB Optimizer does not access the information, tables, or views licensed under Oracle's diagnostic pack.

RELEASE NOTES

Upgrade Notes

- Install this version of DB Optimizer in a different directory than previous versions of DB Optimizer. If DB Optimizer is installed in the same directory, the following error results at application start up: "Unable to read workbench state. Workbench UI layout will be reset.

- If a previous version is already installed on your machine, either change the default Workspace or delete all files from the Workspace directory. The Workspace directory location appears whenever you start Optimizer, and can be redefined from this dialog box. If the same Workspace is indicated for the new version as was indicated previously, the following error will result: "Cannot restore workbench layout".

- If DB Optimizer is already running, you can also modify the Workspace directory by choosing **File > Switch Workspace > Other** from the Main Menu.

- We strongly suggest selecting a new workspace when upgrading from a previous version of DB Optimizer.

- Saved profiling and tuning session files (.oar) created using previous versions of DB Optimizer are not compatible with current versions. You can however have more than one version of DB Optimizer installed on the same system. To read old .oar files, run the older version of DB Optimizer.

Known Issues

The SQL Server sqlvariant data type is not currently supported by the Microsoft JDBC driver. If a query is used to retrieve data from a table that contains a column of the sqlvariant data type, an exception occurs. There are two workarounds to fix this issue:

- Use CAST to type cast the sqlvariant columns to the data type you want.

Or

- Use the jTDS driver to connect.

Bug Fixes

For the most recent list of known issues and bug fixes in this release, see
https://wiki.idera.com/display/DBO/Release+notes.

ADDITIONAL RESOURCES

Licensing Your IDERA Product
All IDERA products include a 14-day trial period. To continue using the product without interruption, we recommend that you license it as soon as possible. For information on licensing your product, refer to the *Quick Start Guide*. If you have not yet purchased this product, contact sales@idera.com.

IDERA Product Support
The IDERA Web site is an excellent source for additional product information, including white papers, articles, and discussion forums. Visit www.idera.com, or click any of the links below, to find:

- Documentation
- Online Demos, Technical Articles, and White Papers
- IDERA Community

IDERA Technical Support
If you have a valid maintenance contract with IDERA, the Technical Support team is available to assist you with any problems you have with our applications. Our maintenance contract also entitles registered users of IDERA products

to download free software upgrades during the active contract period. Evaluators receive free technical support for the term of their evaluation (14 days).

We encourage you to open technical support cases via the [Customer Support Center](#). For additional information about IDERA Technical Support, visit the [Support](#) section of our Web site.

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