

IBM InfoSphere Optim Query Workload Tuner for DB2 for Linux, UNIX, and Windows



Version 3.1.1

Quick Start Guide

This guide gets you started with a typical installation.

Product overview

IBM® InfoSphere® Optim™ Query Workload Tuner for DB2® for Linux, UNIX, and Windows provides advanced tuning capabilities for query workloads and single SQL statements that run on DB2 for Linux, UNIX, and Windows.

1 Step 1: Access your software and documentation



This product offering includes:

- IBM InfoSphere Optim Query Workload Tuner for DB2 for Linux, UNIX, and Windows V3.1.1.0 - for client workstations running Windows operating systems DVD
- IBM InfoSphere Optim Query Workload Tuner for DB2 for Linux, UNIX, and Windows V3.1.1.0 - for client workstations running Linux operating systems DVD
- IBM InfoSphere Optim Query Workload Tuner for DB2 for Linux, UNIX, and Windows V3.1.1.0 - Quick Start Guide for Multiplatforms CD

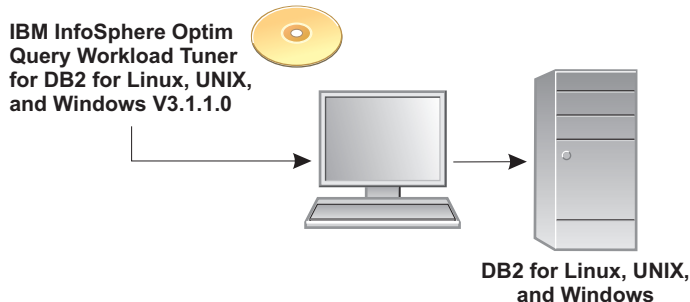
2 Step 2: Review the base architecture



Both the product DVD and the package that you can download from IBM Passport Advantage® include:

- The IBM Data Studio full client, Version 3.1.1, which is the client software to use when you are tuning SQL statements and query workloads
- The IBM InfoSphere Optim Query Workload Tuner for DB2 for Linux, UNIX, and Windows License Activation Kit V3.1.1.0

Install both of these components on the workstation that you plan to use when you are tuning SQL statements and query workloads that run on DB2 for Linux, UNIX, and Windows. Both components are included on the product DVD.



When you use the IBM Data Studio full client, Version 3.1.1 to connect to a DB2 for Linux, UNIX, and Windows database and attempt to configure the database for tuning activities, the client detects whether a license for InfoSphere Optim Query Workload Tuner is active on that database. If no license is active there, the client determines whether you installed the license activation kit on your workstation.

If this license activation kit is installed, the client activates a license for InfoSphere Optim Query Workload Tuner on the database. From that point, anybody who connects to that database through the IBM Data Studio full client or administration client, Version 3.1.1, can use the full set of tuning features in InfoSphere Optim Query Workload Tuner.

If the license activation kit is not installed on your workstation, however, the client does not activate a license on the database. You and other persons who connect to that database through the Data Studio clients can use only the no-charge tuning features for tuning SQL statements that run on that database. The no-charge features are a subset of the features in InfoSphere Optim Query Workload Tuner.

3 Step 3: Evaluate your hardware and system configuration



See the detailed system requirements document for InfoSphere Optim Query Workload Tuner:

<http://www.ibm.com/support/docview.wss?uid=swg27024147>

4 Step 4: Install the software on your workstation



1. On the product DVD or in the extracted content of the compressed file that you might have downloaded from IBM Passport Advantage, double-click the appropriate file for your operating system. (On Windows Vista or Windows 7 systems, you must run this file as an administrator if you plan to perform an administrative installation.)
 - On 32-bit Windows operating systems: setup.exe
 - On 64-bit Windows operating systems: setup64.exe
 - On Linux operating systems: setup
2. In the launchpad, select **Install Product** and select the type of installation to perform.
3. On the Select Packages page of the wizard, select both packages.
4. On the Install Packages page, specify the appropriate package group:
 - If you have the InfoSphere Optim Query Tuner client, Version 3.1 or IBM Data Studio full client, Version 3.1 installed and you want to upgrade to IBM Data Studio full client, Version 3.1.1, select the package group in which the product that you want to replace appears. The wizard will uninstall that product before installing IBM Data Studio full client, Version 3.1.1. InfoSphere Optim Query Tuner client, Version 3.1 and IBM Data Studio full client, Version 3.1 could be in separate package groups or the same package group. If they are in separate package groups, choose one of the package groups. The wizard will not uninstall the client that is in the other package group.
 - If you do not have the InfoSphere Optim Query Tuner client, Version 3.1 or IBM Data Studio full client, Version 3.1 installed, create a new package group.
5. Finish the remaining steps in the wizard.

5 Step 5: Configure your database and activate the product license



After you install the Data Studio full client and before you can perform tuning tasks from your workstation, you need to use the Data Studio full client to activate the product license and configure your DB2 for Linux, UNIX, and Windows database.

If you are using DB2 for Linux, UNIX, and Windows Version 9.7 at any fix pack level, you must run the db2updv97 command from a DB2 command line, if you have not already done so. For information about this command, see <http://publib.boulder.ibm.com/infocenter/db2luw/v9r7/topic/com.ibm.db2.luw.admin.cmd.doc/doc/r0054449.html>

To configure the database, follow these steps:

1. In the Data Studio full client, go to the Data Source Explorer and connect to the database.
2. Expand the connection, right-click the database, and select **Analyze and Tune > Configure for Tuning > Guided Configuration**.

A message indicates whether the license activation and configuration were successful.

If you need to resolve any problems with the configuration, right-click the database and select **Analyze and Tune > Configure for Tuning > Advanced Configuration and Privilege Management**.

6 Step 6: Start tuning SQL statements and query workloads



In the Data Source Explorer in the IBM Data Studio full client or administration client, right-click the database and select **Analyze and Tune > Start Tuning**.

Read the installation and configuration instructions

To read about the full set of options for installing and configuring the product, see

<http://publib.boulder.ibm.com/infocenter/dstudio/v3r1/topic/com.ibm.datatools.qrytune.installconfig.doc/topics/installconfig.html>

More information

For more information, see the information roadmap for this product at http://www.ibm.com/developerworks/data/roadmaps/roadmap_ioqt_ioqwt_311.html

