IBM solidDB Universal Cache

IBM®

Version 7.0

Quick Start Guide

This guide gets you started with a typical installation for IBM solidDB Universal Cache, Version 7.0.

Product overview

IBM® solidDB® Universal Cache is a solution for speeding up traditional disk-based SQL data servers by way of one or more solidDB in-memory database instances caching the data traffic between the applications and the data servers. IBM InfoSphere™ Change Data Capture (InfoSphere CDC) technology is used to implement the data replication between the solidDB and data server instances.

The IBM solidDB Universal Cache 7.0 product is composed of solidDB and InfoSphere CDC components that need to be installed separately.

1 Step 1: System requirements

See the detailed system requirements in the **IBM solidDB 7.0 and IBM solidDB Universal Cache 7.0 Information Center**: "http://publib.boulder.ibm.com/infocenter/soliddb/v7r0/topic/com.ibm.swg.im.soliddb.universalcacheuserguide.doc/doc/system.reqs.uc.html".

2 Step 2: Access your software and documentation

Locate the software installation and documentation packages listed below.

If you are downloading the packages from an IBM website, select and download the relevant software packages for you platform, as well as the documentation packages.

If you are installing the packages from physical media, each package is delivered as a separate DVD. On each package, navigate to the installation file for you platform.
- IBM solidDB
- IBM solidDB Universal Cache License Certificate*
- IBM solidDB Documentation*

  *In DVD deliveries, the License Certificate and solidDB Documentation package are included in the Quick Start DVD.
- IBM InfoSphere Change Data Capture solidDB
- IBM InfoSphere Change Data Capture Management Console and Access Server
- IBM InfoSphere Change Data Capture for *the back-end data server in your setup*
- IBM InfoSphere Change Data Capture Quick Start and Product Documentation

3 Step 3: Install IBM solidDB

1. **Install Java Runtime Environment (JRE) or Java Development Kit (JDK), version 1.4.2 or newer, if not already installed.** This is needed to run the installer. **Note**: On Linux systems, GNU Compiler for Java (GCJ) is not supported.
2. **Install the software.**
   - On Windows systems run the .exe product image file to execute the Windows installer.
   - On UNIX or Linux systems run the appropriate .bin product image file to execute the installer.
3. **Copy the license file (soliduc.lic) from the License Certificate image to your solidDB working directory.**

   Tip: The default installation of solidDB includes an evaluation license (solideval.lic) in the solidDB installation directory. The evaluation license enables you to evaluate solidDB for 90 days.
4. **Open the Welcome-page in the installation directory of your solidDB package and read the SDK Notes and other documentation.**
5. **Check that your CLASSPATH environment variables have been set to include the JDBC driver .jar file.** When you install solidDB, the solidDB JDBC Driver file (SolidDriver2.0.jar) is copied into the 'jdbc' directory. However, the installer may not set the CLASSPATH environment variable for your environment.

2. Install the InfoSphere CDC documentation according to instructions in the InfoSphere CDC Documentation package.

5   Step 5: Install InfoSphere CDC for IBM solidDB and InfoSphere CDC for your back-end data server

- On Windows systems run the .exe product image file to execute the Windows installer.
- On UNIX or Linux systems run the appropriate .bin product image file to execute the installer.

Note: At the end of installation, the installer prompts you to configure an InfoSphere CDC instance. Do not select to configure a new instance at this point. Instead, continue with the installation of the other InfoSphere CDC components and after you have installed all components, follow the configuration instructions in the *IBM solidDB Universal Cache Getting Started Guide*.

6   Step 6: Install InfoSphere CDC Access Server and InfoSphere CDC Management Console

- On Windows systems run the .exe product image file to execute the Windows installer.
- On UNIX or Linux systems run the appropriate .bin product image file to execute the install script.

7   Step 7: Locate your documentation

IBM solidDB and InfoSphere CDC for IBM solidDB: open the Welcome-page in the installation directory of your solidDB package and read the SDK Notes and other documentation. Locate also the solidDB user manuals you downloaded, or, alternatively, access the **IBM solidDB 7.0 and IBM solidDB Universal Cache 7.0 Information Center** online at "http://publib.boulder.ibm.com/infocenter/soliddb/v7r0/".

InfoSphere CDC Management Console, InfoSphere CDC Access Server, and InfoSphere CDC for your back-end data server: locate the documentation you downloaded, or alternatively, access the **IBM InfoSphere Change Data Capture 6.5 Information Center** online at "http://publib.boulder.ibm.com/infocenter/cdc/v6r5m1/index.jsp" or through the **Help** menu in the Management Console.

8   Step 8: Configure your environment

Follow the steps in the *IBM solidDB Universal Cache Getting Started Guide* to configure the solidDB Universal Cache system.

More information

For additional information, visit the IBM solidDB web pages at "http://www.ibm.com/software/data/soliddb/soliddb/".

For Release Notes, see the **IBM solidDB 7.0 and IBM solidDB Universal Cache 7.0 Information Center** at "http://publib.boulder.ibm.com/infocenter/soliddb/v7r0/topic/com.ibm.swg.im.soliddb.common.doc/doc/releasenotes.html".