IBM DB2 Everyplace Remote MDAC Getting Started

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About DB2 Everyplace Remote MDAC

DB2 Everyplace Mobile Devices Administration Center (MDAC) remote administration tool known as Remote MDAC is used to remotely administer DB2 Everyplace Sync Server installed on another system.

DB2 Everyplace remote administration tool supports Windows and Linux 32bit system and only works with DB2 Everyplace v9.1 Fixpak 5 and Lotus Expeditor Server v6.2.2.

MDAC remote administration tool allows user to have such ability to manage subscriptions in MDAC without fully installing DB2 Everyplace Enterprise Edition. In addition, the tool will be used to remotely administer DB2 Everyplace Sync Server installed on another system which including Windows, Linux and Unix.

Please refer to the detailed instructions of MDAC from DB2 Everyplace info center as below.
http://publib.boulder.ibm.com/infocenter/db2e/v9r1f1/topic/com.ibm.db2e.doc/sag/glu_admin_mdac.htm

Installation requirements

Hardware requirements

DB2 Everyplace Remote MDAC is supported on the following hardwares:
- x86 (Intel® Pentium®, Intel Xeon®, and AMD) 32-bit Intel and AMD processors
- 512 MB RAM
- 350 MB free disk space
- Display Resolution: Super video graphics array/adapter (SVGA) 1024 x 768 display

Supported operating systems

Note: Only 32-bit version is supported.

The supported Linux systems include:
- Red Hat Enterprise Linux (RHEL) 5 Update 2
- SUSE Linux Enterprise Server (SLES) 10 Service Pack 2
- SUSE Linux Enterprise Server (SLES) 11

The supported Windows systems include:

- Windows XP Professional with SP 2 or later
- Windows Vista Business
- Windows Vista Enterprise
- Windows Vista Ultimate
- Windows 2003 Enterprise Edition with SP 2 or later
- Windows 2003 Standard Edition with SP 2 or later
- Windows 2008 Enterprise Edition
- Windows 2008 Standard Edition

Supported languages

The DB2 Everyplace Remote MDAC supports the following languages:

- English
- French
- German
- Italian
- Japanese
- Korean
- Polish
- Simplified Chinese
- Traditional Chinese

NOTE: The DB2 Everyplace Remote MDAC installation wizard supports only English language.

Software prerequisites

Before you install DB2 Everyplace Remote MDAC, you must have the following products installed

DB2® Database

The DB2 Client is the minimum requirement. The following DB2 products are supported:

- DB2 Enterprise Server Edition Version 9.1, FP6
- DB2 Workgroup Server Edition Version 9.1, FP6
- DB2 Version 9.5
- DB2 Version 9.7

Important: Ensure that you meet the requirements for installing DB2. See Installation requirements for DB2 database products for more details.

WebSphere Application Server/Client (Required for DB2e for Lotus Expeditor Server v6.2.2)

The WebSphere Application Client is the minimum requirement. The following WebSphere products are supported:

- WebSphere Application Server V7.0
- WebSphere Application Client V7.0
- WebSphere Application Server V6.1
- WebSphere Application Client V6.1

Important: Ensure that you meet the requirements for installing WebSphere Application Server/Client. See System Requirements for WebSphere Application Server for more information.

Installing the product

Follow these instructions to install DB2 Everyplace Remote MDAC on Windows and Linux operation systems.

Prerequisites:
- Make sure that DB2 is running.
- Windows systems: Log in as an administrator.
- Linux® systems: Log in as the root user.

To install DB2 Everyplace Remote MDAC:
1. Extract the archive file (what is the file name?)
   a) On Windows
      i. Unzip the archive file.
      ii. Change to the DB2EveryplaceRemoteMDACWindows directory, and run the RemoteMDACSetup.exe file.
   b) On Linux
      i. Log in as the root user.
      ii. Untar the archive file.
      iii. Change the working directory to DB2EveryplaceRemoteMDACLinux, then run the ./ RemoteMDACSetup.bin file.
2. On Linux, specify the user name and locale of the DB2 Everyplace Sync Server instance that you want to configure.
3. Choose a DB2 Everyplace product
4. For Lotus Expeditor Server v6.2.2, specify WebSphere Application Server installed location and WebSphere Application Server profile name.
5. For Lotus Expeditor Server v6.2.2, enter the WebSphere Application Server login information, the Administrator should be an existing user with administrative authority.
6. For Lotus Expeditor Server v6.2.2, enter host name and port which are used to logon WAS User Registry, sync group(s) and the prefix of group(s) name which a user must be a member of in order to synchronize with DB2 Everyplace Sync Server.
7. Type the name of the directory where you want DB2 Everyplace Remote MDAC to be installed, or click Browse to search for a directory.
8. Catalog the remote control database into the local database directory. Specify the following

information in the fields:

➢ Hostname

The hostname of the remote DB2 Everyplace Sync Server control database.

➢ TCP/IP Connection port for the DB2 instance

The port number of the remote DB2 Everyplace Sync Server control database, default value is 50000.

The Following link is a example of how to locating the port number for remote database connection on UNIX.

http://publib.boulder.ibm.com/infocenter/cmgmt/v8r3m0/topic/com.ibm.sysadmin.hlp/csa100 10.htm

➢ UserID

The user id for the remote DB2 Everyplace Sync Server control database.

➢ Password

The password for the remote DB2 Everyplace Sync Server control database.

9. Specify the complete classpath to external Java classes and JDBC drivers that you might need. If you do not have any, leave this field blank.

10. Review the information that the configuration wizard shows in the pre-configuration summary page. If you need to make changes, click Back. Otherwise, click Next to create and configure the instance.

11. Click "Finish" to complete DB2 Everyplace Remote MDAC installation.

Troubleshooting installation

This topic helps you diagnose and resolve problems occurred during installation. If an installation failed, you can refer to the troubleshooting information to find out the cause and resolve the problem.

• Catalog all source and mirror databases that are used by the DB2 Everyplace Sync Server.

• Make sure that the DB2 Everyplace Sync Server is using a real IP address. You cannot use 127.0.0.1. If you use 127.0.0.1, you cannot edit subscriptions.

• Make sure that internal databases (DSYCTLDB, DSYMSGDB, DSYCSTAT) exist and the DB2 instance is running on remote server

• Make sure that local DB2 instance is running

• For Lotus Expeditor Server v6.2.2, make sure the DB2 Everyplace Sync Server is running

• For Lotus Expeditor Server v6.2.2, make sure the WAS User Registry server is running

• For Lotus Expeditor Server v6.2.2, host name and port which are used to logon WAS User Registry, sync group(s) and the prefix of group(s) name which a user must be a member of in order to synchronize with DB2 Everyplace Sync Server are required for installation wizard. You can refer to {DSYPATH}/Server/properties/com/ibm/mobileservices/DSYVMM.properties   to   see relevant settings on remote DB2 Everplace Sync Server host.

• For Lotus Expeditor Server v6.2.2, on Linux platform, change permission to 777 to *key.p12* and *trust.p12* file under:

{WAS_Home}/profiles/{profileName}/config/cells/{CellName}/nodes/{NodeName}

- For Lotus Expeditor Server v6.2.2, add host name of WAS User Registry server to local system hosts file.
  On Windows, add host name to {SystemRoot}\system32\drivers\etc\hosts file.
  On Linux, add host name to /etc/hosts file.

Uninstalling the product

Uninstall DB2 Everyplace Remote MDAC to remove the core product files.

1. Log in to the operating system.

   On Windows: log in as an administrator

   On Linux: log in as the root user.

2. Start the DB2 Everyplace uninstallation wizard.

   On Windows:

      Uninstall DB2 Everyplace Remote MDAC by using either of the following methods:

      - Run the RemoteMDACUninstall.exe file, which is located in the <DSYPATH>\Uninstaller directory.
      - Use a Start menu shortcut: Start > Programs > IBM DB2 Everyplace> Remote MDAC > Uninstall.

   On Linux:

      Run the RemoteMDACUninstall.bin file, which is located in the <DSYPATH>/Uninstaller directory.

3. Complete the steps in the uninstallation wizard.

Note: The uninstallation program removes registry entries, uninstalls the product, and removes all related features. The uninstallation program does not remove log files in the installation root directory.