



QDABRA DATABASE ACCELERATOR V2.3

How to install DBXL v2.3 on Windows Vista

SYSTEM REQUIREMENTS:

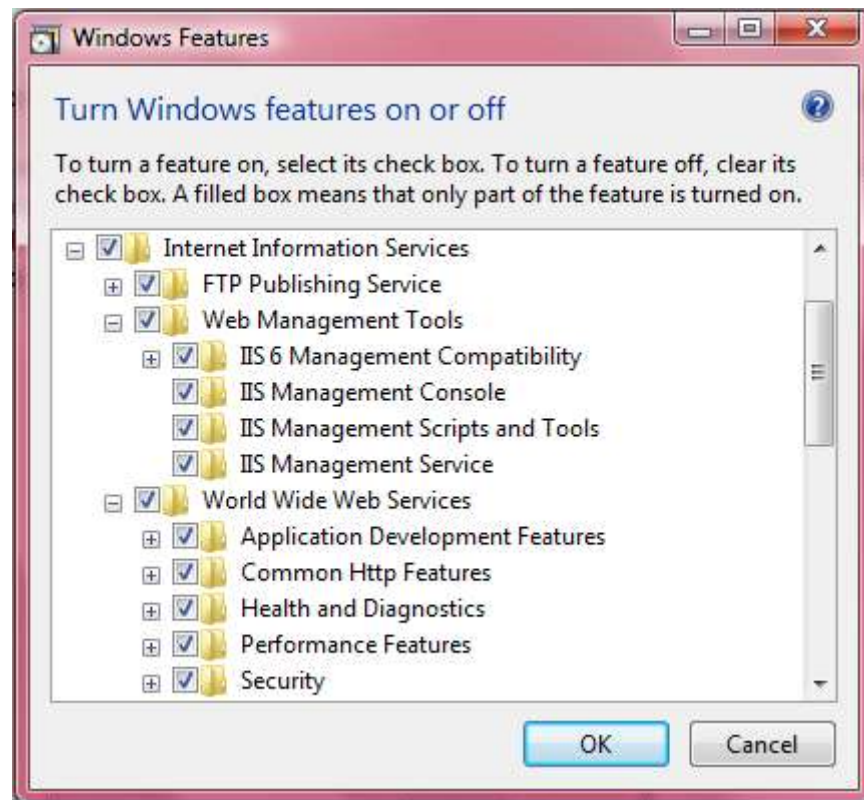
- Windows Vista Business or Ultimate Edition
- SQL 2000 with SP4 or SQL EXPRESS or SQL COMPACT or SQL 2005
- IIS 6.0 or IIS 7.0
- .NET Framework 2.0

SETUP WINDOWS VISTA

If the Vista machine does not have .NET Framework 2.0 configuration under the Administration Tools, install .NET Framework 2.0 SDK.

SETUP IIS

1. In Control Panel, under Programs and Features, select **Turn Windows features on or off**.
2. Expand **Internet Information Services** and make sure all the boxes are checked under **IIS 6 Management Compatibility** and **World Wide Web Services**, as shown on the screenshot below.



3. Click **OK** and when done installing the new features, restart the machine.

* See [Troubleshooting](#) section for possible issue on setting up IIS.

SETUP SQL

Download and install SQL Server. It is recommended to install the version [SQL Server 2005 Express Edition with Advanced Services SP2](#). This includes SQL Server Management Studio Express.

* See [Troubleshooting](#) section for possible issue on setting up SQL.

SETUP DBXL

Download the DBXL installer from Qdabra.com. Installation instructions:

1. Right click on setup.exe and select **Run as Administrator**.
2. Click **Next** in the welcome screen.
3. After reviewing the End User License Agreement, select **I Agree** and click **Next**.



4. In the **Installation Address** screen, select the **Site** for installation from the dropdown and enter the name for the **Virtual Directory**. Click **Next**.
5. In the **Confirm Installation** screen, click **Next**.
6. In the **Log On** tab, select between **Predefined** and **Configurable** account credentials. If you select **Configurable account credential** you must provide an **Account** and **Password**.
7. Click **Next** to proceed to the following tab.
8. In the **SQL Server** tab, enter the **SQL Server name**. For example, in the case of a SQL Express installation, this will be **(LOCAL)\SQLEXPRESS**.
9. Select the **Authentication** type used to access the SQL server from the dropdown. If you select **SQL Server Authentication**, fill out the **User name**, **Password** and **Confirm password** fields.
10. Enter the **Database** where DBXL documents will be stored.
11. Click **Next** to proceed to the following tab.
12. In the **Document Security** tab, enter the **DBXL Admin** security group name. The members of this group can add document types and manage access permissions to DBXL document types.
 - a. If you check **Set Global User Permissions** checkbox, the users in these groups –Admin, Writer and Reader- will have access to all the documents in the DBXL.
 - b. If you uncheck **Set Global User Permissions** checkbox, you will have to set permission on individual document types, since these Global Permissions will not be enforced.
13. Click **Next** to proceed to the **Active Directory Service** tab.
14. In the **LDAP Path** textbox, the default value is populated from the system when a domain controller can be contacted. Alternatively, enter the LDAP Path (for example: **LDAP://DC=DomainName,DC=com**) when domain controller is not in contact.
15. Click on **Next** to go to the following tab.
16. In the QueryDB tab, enter the default **SQL Server name** to which DBXL will connect.
17. Select the **Authentication** method from the dropdown list. If you select **SQL Server Authentication**, enter the **User name**, **Password** and then **Confirm password**.
18. Enter the **Default database** to be used for queries. Click on the **Test Connection** button to test the values entered.
19. Click **Next** to proceed to the **Samples** tab.
20. If desired, rename the QdabraSamples database.



21. Click on **Finish** to complete the installation.

You will see another bar, called **Configuration Status**, indicating the progress of the installer. When it finishes, click **Close** in the **Installation Complete** screen. Internet Explorer will open showing default.htm, from where you can access the Forms, Documents and Web service descriptions.

SET YOUR WEB SITE TO THE LOCAL INTRANET ZONE ON YOUR CLIENT MACHINE

This is required to ensure the system is given proper access from your local machine.

1. In the Internet Explorer window that is displaying the DBXL Control Panel page click the **Tools** menu then click **Internet Options**.
2. Click the **Security** tab.
3. Click the **Local intranet** icon.
4. Click the **Sites** button.
5. Make sure all the check boxes are checked.
6. Click the **Advanced** button.
7. Your site address should be shown in the text box. If not type in `http://<servername>` where `<servername>` is the name of your web site. Then click the **Add** button.
8. Click **Close**, then click **Ok** twice to close all the dialogs.

SET UP THE DBXL ADMINISTRATION TOOL (DAT)

DAT is automatically set up during installation of DBXL. However, should you need to setup DAT manually, follow these steps:

1. Open the following URL in IE: <http://<servername>/QdabraWebService/DbxlAdmin.aspx>
2. Click on **Publish DAT Form Template** method.
3. Enter the path of the DAT-Template form, which is saved to the local drive. In a default installation, the path will be `C:\inetpub\wwwroot\QdabraWebService\install\DAT-template.xsn`.
4. Call **PublishDATFormTemplate** method by clicking on **Invoke** button.

INSTALL QDABRA WEBDAV ROOT PROTOCOL HANDLER

You may have to install a special WebDAV protocol handler in the root web site to work around a bug in Windows Vista. This is because Windows Vista always queries the root web site regardless of where your installation lies.



1. Open inetmgr.exe.
2. Expand the Web site where DBXL is installed.
3. Right click on the QdabraWebService and select Open.
4. Open the bin folder.
5. Copy the Qdabra.Dbxl.WebDAV.dll from this folder.
6. Return to Internet Information Services.
7. Right click on the default Web site and select Open.
8. Open the bin folder.
9. Paste the Qdabra.Dbxl.WebDAV.dll into this folder.
10. Click **Start > Run** and enter cmd.exe.
11. Navigate to the bin folder where you copied Qdabra.Dbxl.WebDAV.dll.
12. Add the dll to the Global Assembly Cache for the local computer.
 - a. Open **Control Panel** and click on **Administrative Tools**.
 - b. Double click **Microsoft .NET Framework 2.0 Configuration**.
 - c. Expand **My Computer** and click on **Assembly Cache**.
 - d. Click **Add an Assembly to the Assembly Cache** in the view.
 - e. In the dialog that pops up enter the path to the dll referenced in the above steps and click **OK**.

If you are installing on a SharePoint site, you have to install a native ISAPI filter in place of the root WebDAV protocol handler. Follow these steps:

1. Click on **Start > Run** and enter inetmgr.exe.
2. Right-click on the Web site and choose **Open**.
3. Navigate to the bin directory. Note: If the bin directory does not exist, please create one.
4. Copy the QdabraDBXLRootWebDAV.dll to the bin folder.
5. Return to inetmgr, right-click on the Web site, and choose **Properties**.
6. Select the ISAPI Filters tab and click **Add**.



7. Enter QDAV for the name and browse to the QdabraDBXLRootWebDAV.dll file that you copied to the bin folder above. Click **OK**.
8. Select the newly added QDAV filter.
9. Click on the up arrow to move it to the top of the list.

TROUBLESHOOTING

1. Cannot start IIS

Error message: The Process cannot access the file because of it is being used by another process (Exception from HRESULT: 0x80070020)

If restarting the machine did not resolve the issue, it might be because of older versions of Skype or another application that are occupying port 80.

Workarounds:

- Turn OFF Skype, or
- Go to Skype > Tools > Options > Advanced > Connection and uncheck “Use port 80 instead of 5049”, or
- Assign the port for IIS other than port 80.

2. SQL setup produces a red flag on environment check on IIS configuration

On IIS 7, users may find they are unable to install a web setup MSI on a Windows Vista machine without generating any useful error messages. The workaround is to:

- a) Uninstall SQL
- b) Make sure that all the IIS features are turned on. (See [Setup IIS](#) section)
- c) Reinstall SQL
- d) Make sure there are no red flags on environment check.

3. Documents open in Read-only mode

If the client machine has Vista installed, DBXL documents open in InfoPath on Read-only mode. This has been a known issue in Vista. To get around this, you need to setup a Web folder connection from the client to the server machine where DBXL is installed.

- a) In the Vista client machine, go to Start, right-click Network and select Map Network Drive. Alternatively, go to Start > Computer, and on the taskbar, click on Map network drive.



- b) On the Map Network Drive dialog, click Connect to a Web site that you can use to store your documents and pictures.
- c) The Add Network Location wizard will open. Click Next.
- d) Select Choose a custom network location and click Next.
- e) In the Internet or network address field, enter your server url in the format, `http://<servername>/QdabraWebService`, and click Next.
- f) When prompted, enter your Username and Password and click OK.
- g) Type a name for your network location, and click Next, then Finish to exit the wizard.
- h) Verify that you can now open DBXL documents in Read/Write mode.

Note that this workaround is session-based. When you log off your machine and log back on, Vista will override your credentials again. Since you have already setup a Web folder connection to your server, you just have to open the Web folder and enter your Username and Password once. Vista will then cache your credentials for that particular session.

4. Security popups keep prompting

The workaround for item # 3 above applies in this scenario too. Once you open the Web folder that you created and enter your Username and Password, your credentials will be cached and thus will prevent further security popups for that particular session. Another workaround is by clicking Cancel on the windows that pop up.

5. DAT can be opened but no documents are shown

Regardless if the user is logged on as an administrator, the account is not treated as a member of the BUILTIN\Administrators group.

Workarounds:

- Open DAT in Internet Explorer as Administrator
 - a) Right click on Internet Explorer, and select Run as administrator.
 - b) Enter url: <http://<servername>/QdabraWebService/default.htm>
 - c) Click the link for the DBXL Administration Tool
- Create a DBXLAdmins group and use it in place of the BUILTIN\Administrators group
 - a) Go to Start > Administrative Tools > Computer Management
 - b) Expand Local Users and Groups



- c) Right click Groups, and then select New Group...
- d) Enter "DBXLAdmin" into field [Group name]
- e) Click [Add], and enter your name, built-in Admin, and others if needed, and [Check Names]. Then click [OK]
- f) Click [Create]. NOTE: make sure clicking [Create] but not [Close]! Create means Cancel here.
- g) Make sure you've close all DBXL InfoPath docs.
- h) Open Qdabra Web Configuration file e.g.
C:\\inetpub\\wwwroot\\QdabraWebService\\web.config as administrator.
- i) Change the line `<add key="DbxlAdminAlias" value="BUILTIN\\Administrators" />` to `<add key="DbxlAdminAlias" value="machinename\\DBXLAdmin" />`
- j) Save web.config