

IBM WEBSPHERE PARTNER GATEWAY V6.0 – LAB EXERCISE

WebSphere Partner Gateway Installation

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NOTE: Education materials and other documentation as applicable including programming manuals, operating guides, physical planning manuals and installation manuals related to the IBM Products may be early versions subject to change.

What this exercise is about

The objective of this lab is to provide you with an high level overview of how to install and configure the prerequisite software for WebSphere Partner Gateway such as DB2, WebSphere MQ and the installation of WebSphere Partner Gateway

Lab Requirements

List of system and software required for the student to complete the lab.

- WebSphere MQ 5.3 with CSD 08
- IBM DB2 8.2 Enterprise Server

- WebSphere Partner Gateway V6.0 CD or install images

What you should be able to do

At the end of this lab you should be able to:

- Install WebSphere Partner Gateway using DB2 database

Introduction

This lab provides the basic installation of the pre-requisites and the WebSphere Partner Gateway V6.0 on the Windows platform. Response files are provided for the silent install of the pre-requisites.

Exercise Instructions

Some instructions in this lab may be Windows operating-system specific. If you plan on running the lab on an operating-system other than Windows, you will need to execute the appropriate commands, and use appropriate files (.sh vs. .bat) for your operating system. The directory locations are specified in the lab instructions using symbolic references, for example:

Reference Variable	Windows Location	Linux Location
<WPG_HOME>	C:\IBM\WPG\bcghub	/opt/IBM/WPG/bcghub
<DB2_HOME>	C:\IBM\SQLLIB	/opt/IBM/SQLLIB
<MQ_HOME>	C:\IBM\WebSphereMQ	/opt/IBM/WebSphereMQ
<WPG_INSTALL_IMAGES>		
<TEMP>	C:\temp	/tmp

Part 1: WPG Installation Requirements

Prerequisites

IBM WebSphere Partner Gateway requires the following prerequisite software to be installed and configured before you can install the IBM WebSphere Partner Gateway

- IBM WebSphere MQ 5.3 with CSD 08. (To obtain CSD08, go to http://www-1.ibm.com/support/docview.wss?rs=172&context=SW900&q1=%22WebSphere+MQ+v5.3%22+CSD+Fix+Pack+Maintenance&uid=swg24007905&loc=en_US&cs=utf-8&lang=en+en)
- IBM DB2 8.2 Enterprise Server
- Needs specific users to be created

WPG Install Steps:

Installation of WebSphere Partner gateway by itself is a two part process

- Install WebSphere Partner Gateway DBLoader
- Install WebSphere Partner Gateway Components (Servers bcgconsole, bcgreceiver, bcgdocmgr)

Part 2: Adding User Accounts

In order to connect with the database, WebSphere Partner Gateway requires a set of operating system users. The following procedure walks you through setting up these users. Although this procedure uses default names, you can substitute your own user and group names. Group and user names cannot exceed eight characters.

To create user accounts:

- ___ 1. Click **Start → Settings → Control Panel**
 - ___ a. Double-click **Administrative Tools**
 - ___ b. Double-click **Computer Management**. This should open a new window.
 - ___ c. Expand the “**Local Users and Groups**”.
 - ___ d. Right click Users, and select New User. The New User dialog box appears
 - ___ e. Add the following users:

Username: **labuser**
Password: **lab1user**

Username: **bcgcon**
Password: **bcg1console**

Username: **bcgdoc**
Password: **bcg1docmgr**

Username: **bcgrece**
Password: **bcg1receiver**

Username: **bcguser**
Password: **bcg1user**
 - ___ f. Right click **Groups** and select New Group. The New Group dialog box appears.
 - ___ g. Create the group **bcggroup**
 - ___ h. Add the users **labuser**, **bcgcon**, **bcgdoc**, **bcguser** and **bcgrece** to **bcggroup**.
 - ___ i. Double click **Groups**.
 - ___ j. Right click on **Administrators**. Select **Add to Group**.

- ___ k. Click on **Add** button and enter **labuser** in the new windows that opens up. Click **OK** to add **labuser** to **Administrators** group
- ___ l. Exit the Computer Management window.
- ___ m. Now that you have created the WebSphere Partner Gateway Advanced Administrative User, you now need to log in to Windows as that user to perform the product installations.
- ___ n. Click **Start → Shut down → Log off <username>**.
- ___ o. Change the User name to **labuser** and enter the Password **lab1user**

Part 3: Installing MQ

Install WebSphere MQ 5.3

- ___ 1. Launch the WebSphere MQ Installation Launchpad by double clicking on MQLaunch.exe



- ___ 2. Click on **3 WebSphere MQ Installation**
- ___ 3. Click on the “**Launch MQ Installer**”
- ___ 4. At the “**WebSphere MQ Setup Screen**”, Press **Next**.
- ___ 5. At the **License Agreement** Screen, click **I accept the terms in the license agreement** and click **Next**
- ___ 6. At **Setup Type** Screen choose **Custom** and click **Next**
- ___ 7. At the **Destination Folder** Screen, click **Change...** button to alter the default **Program Files** Folder setting to point to a new destination folder **C:\IBM\WebSphereMQ**
- ___ 8. Click Ok to confirm changes to the WebSphere MQ installation path.
- ___ 9. Click **Next** to proceed
- ___ 10. At the **Destination folders for data files** screen, click **Next**.
- ___ 11. At the **Destination folders for log files** screen, click **Next**.
- ___ 12. At the **Features** screen, expand the drop down next to **Java Messaging**.

- ___ 13. Click on the harddrive icon labeled **Install this feature** and click **Next**
- ___ 14. Review the install settings and click **Install** to start the WebSphere MQ product installation.
- ___ 15. Click **Yes** if prompted to indicate whether or not enough licenses have been purchased.
- ___ 16. At the **Installation Wizard Completed Successfully** screen, click **Finish**
- ___ 17. At the **Prepare WebSphere MQ** Screen, click **Next**
- ___ 18. Select No option when asked about any domain controllers running Windows 2000 Server. Then click Next.
- ___ 19. Click Next when asked to set up the default configuration at the **Prepare WebSphere MQ Wizard** screen.
- ___ 20. Disable all listed checkboxes for launching further install options. Click **Finish**.
- ___ 21. You must stop the new WebSphere MQ service now in order to proceed with the upgrade installation.
- ___ a. Right-click the **WebSphere MQ** icon in Windows system tray and select **Stop WebSphere MQ**.
 - ___ b. Click Yes at the stop service confirmation prompt.
 - ___ c. Once the **WebSphere MQ** service is stopped, right-click it again and select **Hide** from the menu.

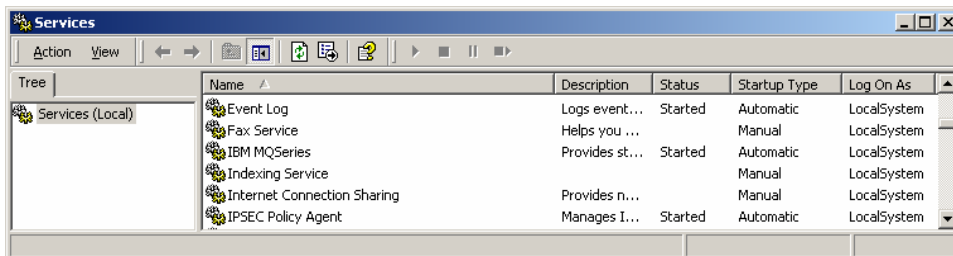
Install WebSphere MQ CSD08

The initial WebSphere MQ 5.3 must be upgraded in order to utilize it with the WebSphere Partner Gateway software.

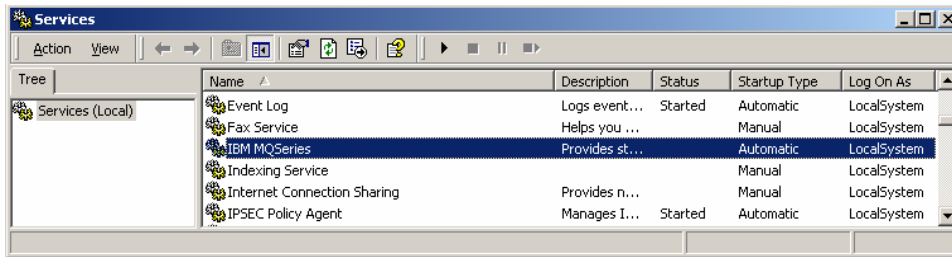
This section covers the installation of the WebSphere MQ CSD 8.

There are many enhancements included in WebSphere MQ 5.3 CSD 8 over the older CSD levels. The most important one to note here is the inclusion of the former MAOC Publish/Subscribe Support Pack into the base WebSphere MQ product. WebSphere Partner Gateway Enterprise and Advanced Editions make use of this Publish/Subscribe functionality. WebSphere MQ 5.3 CSD7 and older versions do not include this functionality.

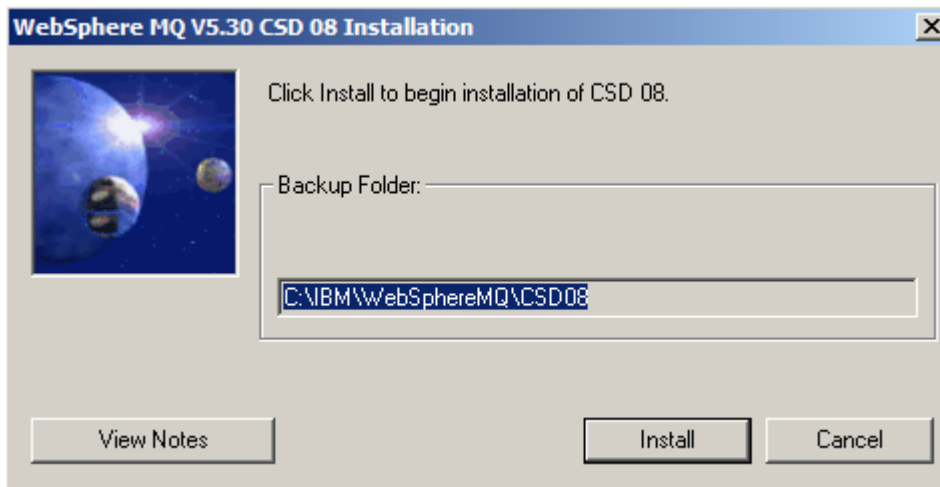
- ___ 1. Select Start → Settings → Control Panel, and then double-click Administrative Tools → Services.
- ___ 2. Locate and right-click the **IBM MQSeries Service** and select **Stop**.



- ___ 3. Once the IBM MQSeries Service has stopped, exit the Services Tool.



- ___ 4. In Windows Explorer, navigate to the WebSphere MQ 5.3 CSD 08 install image location.
- ___ 5. Double click on the amqicsdn.exe. this will open a dialog box which will start the CSD 08 installation.
- ___ 6. Provide **C:\IBM\WebSphereMQ\CSD08** as the Backup Folder and click **Install**



- ___ 7. Click **Finish** at the WebSphere MQ 5.3 CSD 08 Installation complete screen.

Part 4: Configuring MQ

The following procedure describes how to configure WebSphere MQ after it is installed.

Log into your operating system as an administrator or a user that is a member of the administrator's group.

To configure WebSphere MQ:

- ___ 1. In Windows Explorer, navigate to the **C:\IBM\WebSphereMQ\conv\table** subdirectory.
- ___ 2. Locate and copy the **ccsid.tbl** file and paste it into the same directory. Rename the file to **ccsid_orig.tbl**. The reason for this is you will be making some changes in this file and it is to our advantage to keep a copy of the original file.
- ___ 3. Right-click the file named **ccsid.tbl** and choose **Open With...** Select Notepad editor to open the file.
- ___ 4. In the **ccsid.tbl** file, locate the section that begins with **DEFAULT DATA CONVERSION**.
- ___ 5. Remove the hash symbol **#** from the beginning of the following two lines:
default 0 500 1 1 0
default 0 850 1 2 0
- ___ 6. Choose **File → Save** and then close the file.

Start the IBM WebSphere MQ Service

- ___ 1. Select **Start → Settings → Control Panel**.
- ___ 2. Double-click the **Administrative Tools** icon, then double-click the **Services** icon.
- ___ 3. Double-click the **IBM MQSeries** service.
- ___ 4. Click the **Start** button. Click **OK**.
- ___ 5. Verify that the service status has changed to **Started**.
- ___ 6. Close the Services, Administrative Tools and Control Panel windows

Creating the MQ Queues and Queue Manager for WPG

Note: The default queue manager name is `bcg.queue.manager`, and the default listener port is 9999. If you change these default values, you must be sure to change them wherever they are used

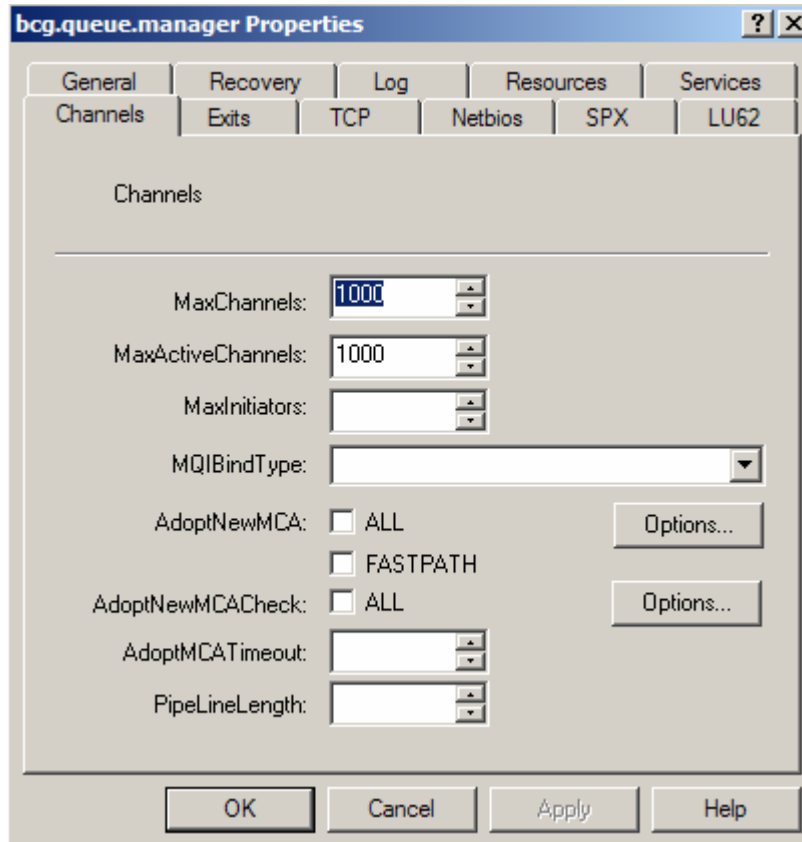
- ___ 1. Open a new Command Window
- ___ 2. Create the queue manager by entering the following:
crtmqm -q bcg.queue.manager
- ___ 3. Update the channel parameters:
 - ___ a. Select **Start → Programs → IBM WebSphere MQ → MQ Services**
 - ___ b. In **MQServices** window, right click your **bcg.queue.manager**, select Properties, and select the **Channels** tab.

___ c. Update the channel properties with the following values:

MaxChannels=1000

MaxActiveChannels=1000

Click OK.



___ 4. If the computer has more than one CPU, enter the following command:

setmqcap <number of CPUs>

___ 5. Start the queue manager with the following command:

strmqm bcg.queue.manager

___ 6. Start the listener with the following command:

runmqtsr -t tcp -p 9999 -m bcg.queue.manager

The listener runs in this window, so leave it open.

___ 7. Open a new window and start the JMS Broker (the publish and subscribe broker) with the following command:

strmqbrk -m bcg.queue.manager

___ 8. Start the MQ command services with the following command:

strmqcsv bcg.queue.manager

- ____ 9. Use the **Tools\MQSeries\BCGCreate_Queues.mqsc** file to define the queues and channels for the queue manager:

```
runmqsc bcg.queue.manager <  
<WPG_INSTALL_IMAGES>\Tools\MQSeries\BCGCreate_Queues.mqsc
```

Where **< WPG_INSTALL_IMAGES >** is the location of the WebSphere Partner Gateway CD or the location of the unarchived WebSphere Partner Gateway installation files.

- ____ 10. Use the **C:\IBM\WebSphereMQ\Java\bin\MQJMS_PSQ.mqsc** file to configure the JMS publish and subscribe queues:

```
runmqsc bcg.queue.manager < C:\IBM\WebSphereMQ\mqm\Java\bin\MQJMS_PSQ.mqsc
```

You have successfully installed and configured **WebSphere MQ 5.3 with CSD 08** for use with WPG

Part 5: Installing DB2

Note: WebSphere Partner Gateway does not use the fenced-user option. Do not use the fenced-user ID as part of the WebSphere Partner Gateway Installation.

- ___ 1. To install the DB2 v8.2 database server, navigate to the directory in which the DB2 v8.1 server installation program is located, and double-click the **setup.exe** file:
- ___ 2. At the IBM DB2 Setup Launchpad window, click Install Products.
- ___ 3. At the Select the product you would like to install screen, ensure that the radio button labeled DB2 UDB **Enterprise Server Edition** is enabled and click **Next**.
- ___ 4. **At the DB2 Setup Wizard** screen, click Next.
- ___ 5. At the License Agreement screen, enable the radio button labeled I accept the terms in the license **agreement**, and click **Next**.
- ___ 6. **At the Select the installation type** screen ensure that the **Typical** radio button is enabled and click Next.
- ___ 7. If you receive an optional **Warning** screen concerning APPC, click **OK** to proceed with the installation.
- ___ 8. At the Select the installation action screen ensure that the checkbox labeled Install DB2 Enterprise **Server Edition on this computer** is enabled, and click **Next**.
- ___ 9. If you receive an optional **Select how this computer will be used** screen ensure that the radio button labeled **Single-partition database environment** is enabled, and click **Next**.
- ___ 10. **At the Select installation folder** screen, change the default installation location setting to point to the **C:\IBM\SQLLIB** subdirectory by deleting the Program Files\ portion of the path and click **Next**.
- ___ 11. At the Set user information for the DB2 Administration Server screen do the following:
 - ___ a. Leave the **Domain** field blank to use a local system user account.
 - ___ b. Change the default **User name** value to **labuser**.
 - ___ c. Type **lab1user** in the Password and Confirm Password fields.
 - ___ d. Make sure **Use the same user name and password for the remaining DB2 services** is enabled.
 - ___ e. Click **Next**.
- ___ 12. At the Set up the administration contact list screen, click **Next**.
- ___ 13. At the **Warning** screen about the notification SMTP server, click **OK**.
- ___ 14. At the **Configure DB2 instances** screen, click **Next**.
- ___ 15. At the Prepare the DB2 tools catalog screen ensure that the Do not prepare the DB2 tools catalog on this **computer** option button is enabled, and click **Next**.

- ____ 16. At the Specify a contact for health monitor notification screen, enable the Defer the task until after **installation is complete** option button, then click **Next**.
- ____ 17. At the **Start copying files** screen, click **Install**.
- ____ 18. At the **Setup is complete** screen, click **Finish**.
- ____ 19. Exit out of the **First Steps** window.

Configuring DB2HOME variable:

Right Click on the **My Computer** Icon and select **properties**

Click on the **Advanced** tab

Click the **Environment variables** button.

Click **New** under the System Variables

Enter **DB2HOME** as the variable name

Enter **C:\IBM\SQLLIB** as Variable value

Click **OK** to close the **New System Variable** dialog

Click **OK** to close the **Environment Variables** window.

Click **OK** to close the **System Properties** window.

Part 6: Installing WebSphere Partner Gateway

Installation of WebSphere Partner gateway by itself is a two part process

- Install WebSphere Partner Gateway DBLoader
- Install WebSphere Partner Gateway Components (Servers bcgconsole, bcgreceiver, bcgdocmgr)

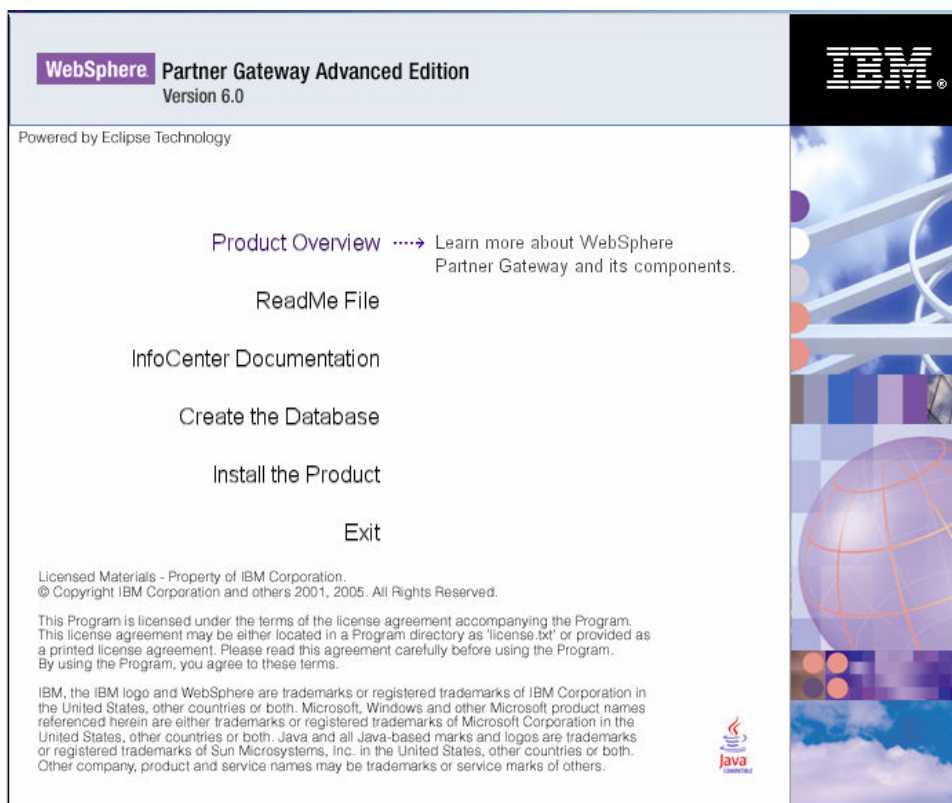
LaunchPad:

WebSphere Partner Gateway provides a launch pad program to provide one-stop access to the product overview, ReadMe file, product documentation, Database Loader, and WebSphere Partner Gateway Installer. Alternatively, you can start the database loader and installation programs using the supplied setup*. * programs.

The launch pad executable file is located in the following directory: <WPG_INSTALL_IMAGES>/LaunchPad.*

Open Command Window and change to <WPG_INSTALL_IMAGES>.

Windows LaunchPad.bat
Linux LaunchPad.sh



Installing WPG DBLoader:

1. Click on “**Create the Database**”
2. Install shield wizard will initialize and pop up a Welcome Screen. Click **Next** to continue

- ___ 3. Select the radio button next to “**I accept the terms in license agreements**”. Click **Next** to continue
- ___ 4. In the next screen, you would be asked to enter the install Directory Name.

Windows Enter **C:\IBM\WPG\bcgdbloader**.

Linux Enter **/opt/IBM/WPG/bcgdbloader**

Click **Next** to Continue

- ___ 5. In the next screen, you would be asked to “**Select the database server for WebSphere Partner Gateway**”. Select the radio button next to **IBM DB2 8.2** and click **Next** to continue
- ___ 6. In the next screen, you would be asked to “**Enter the database information for DB2**”. Provide the following values

Database Name: **bcgapps**

Instance Name: **DB2**

Group Name: **Administrators**

Owner Name: **labuser**

Owner Password: **lab1user**

For this lab, the user **labuser** has already been created with password **lab1user** and added to group **Administrators**. But in general, the user information that you provide here should already exist.

WebSphere Partner Gateway - DBLoader 6.0.0 Installer

Enter the database information for DB2

Database name: bcgapps

Instance name: DB2

Group name: Administrators

Owner name: labuser

Owner password: lab1user

InstallShield

< Back Next > Cancel

___ 7. In the next screen, you would be asked to “**Enter the location of the database and tables**”. Accept the defaults and click **Next** to continue

___ 8. In the next screen, you would be asked to

“**Enter the name and password of Community Console User**”. Provide the following values .

User name: **bcgcon**

Password: **bcg1console**

“**Enter the name and password of Document Manager User**”. Provide the following values .

User name: **bcgdoc**

Password: **bcg1docmgr**

“**Enter the name and password of Receiver User**”. Provide the following values .

User name: **bcgrecev**

Password: **bcg1receiver**

Click **Next** to continue

WebSphere Partner Gateway - DBLoader 6.0.0 Installer

WebSphere software

Enter the name and password of the Community Console user.

User name:

Password:

Enter the name and password of the Document Manager user.

User name:

Password:

Enter the name and password of the Receiver user.

User name:

Password:

Enter the name of the WebSphere Partner Gateway user group.

Group name:

InstallShield

< Back Next > Cancel

___ 9. In the next screen, you will be prompted to “**Enter the location of the common shared components**”.

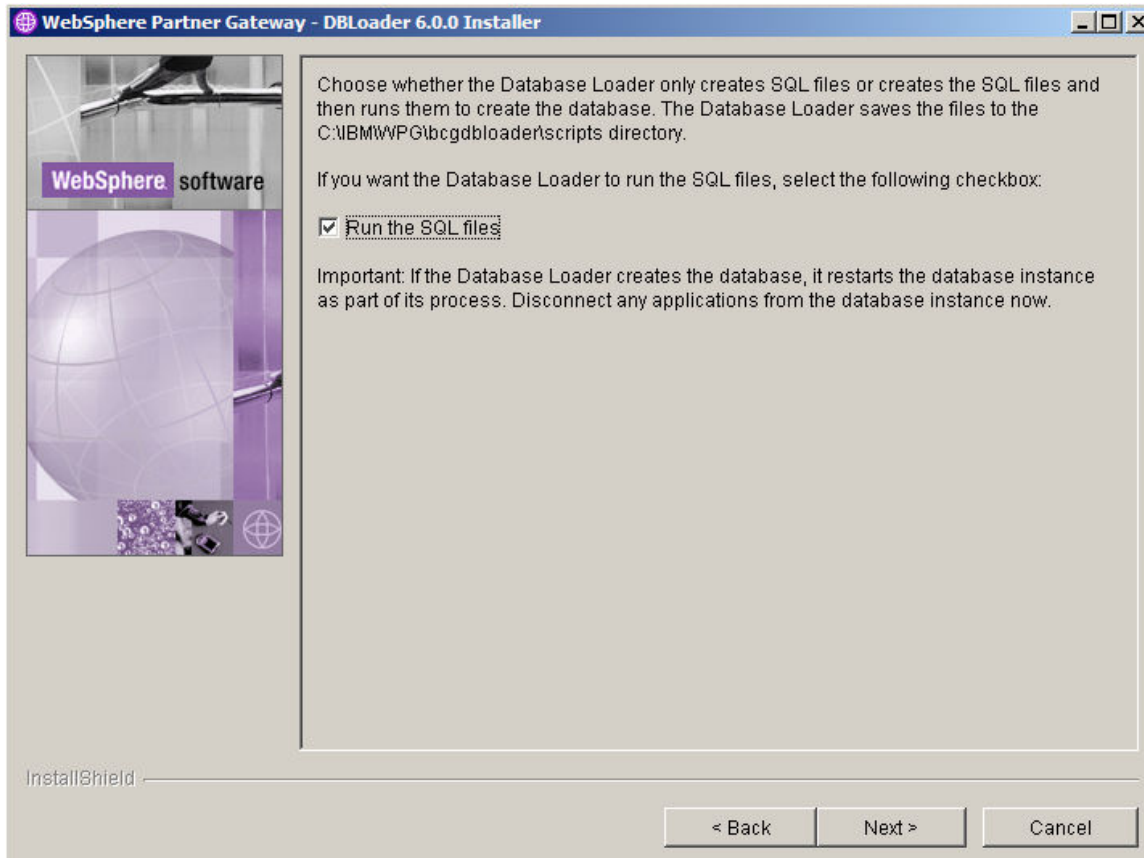
Windows Enter **C:\IBM\WPG\bcghub\common**

Linux Enter **/opt/IBM/WPG/bcghub/common**

Click **Next** to continue

- ___ 10. The installer checks for the status of the database. In the next screen that comes up, check the check box next to “**Run SQL Files**”. Click **Next** to continue.

The SQL files are run to create the database **bcgapps**.



- ___ 11. In the Next screen, the installation location and the total size of install is displayed. Click **Next** to continue.

This should start the installation of DBLoader, creating the database and populating it.

- ___ 12. Click **Finish** to close the install window
- ___ 13. You have successfully installed WPG DBLoader, created and populated the **bcgapps** database.

Installing WPG Product:

- ___ 1. Go to LaunchPad and click on “**Install the Product**”.
- ___ 2. Install shield wizard will initialize and pop up a Welcome Screen. Click **Next** to continue

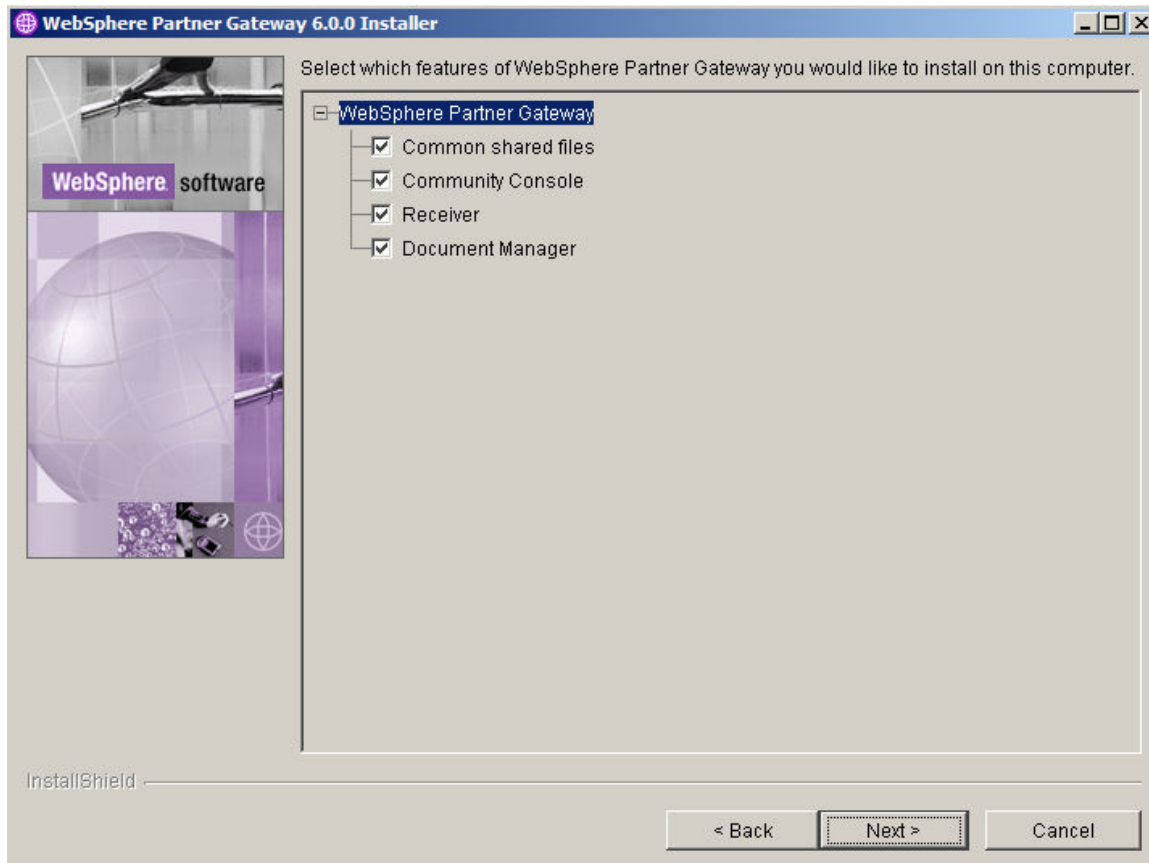
- ___ 3. Select the radio button next to **“I accept the terms in license agreements”**. Click **Next** to continue
- ___ 4. In the next screen, you would be asked to enter the install Directory Name.

Windows Enter **C:\IBM\WPG\bcghub**

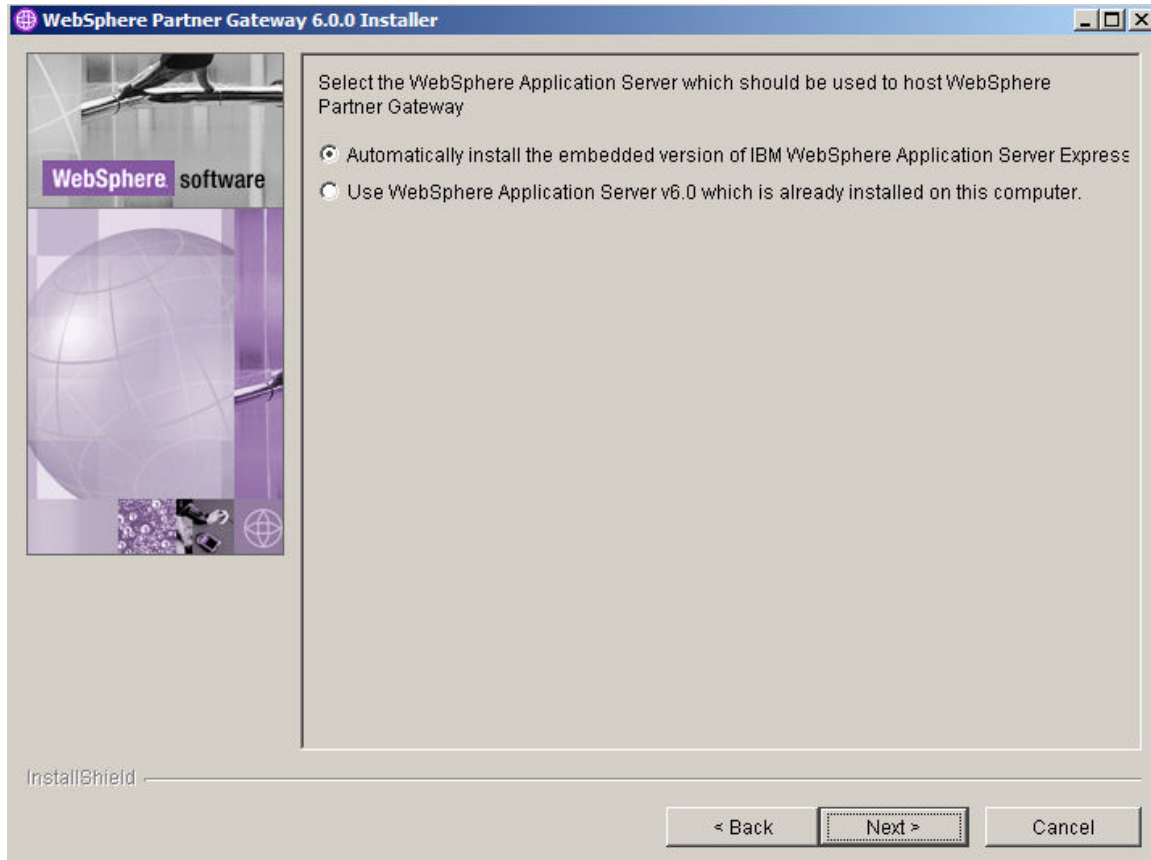
Linux Enter **/opt/IBM/WPG/bcghub**

Click **Next** to Continue

- ___ 5. In the next screen, all the features of WPG that are available for install are displayed. By default all of the features should be selected. If not all are selected, select all the features and click **Next** to continue



- ___ 6. In the next screen, provide the hostname of the machine you are installing the WPG on. Click **Next** to continue
- ___ 7. In the next screen, select the radio button next to **“Automatically install the embedded version of IBM WebSphere Application Server Express V6.0”**. Click **Next** to continue



- ___ 8. In the next screen, you would be asked to “**Select the database server for WebSphere Partner Gateway**”. Select the radio button next to **IBM DB2 8.2** and click **Next** to continue
- ___ 9. In the next screen, enter the requested information about the DB2 database.

Host name: **<hostname>**

Port: **50000**

Owner name: **labuser**

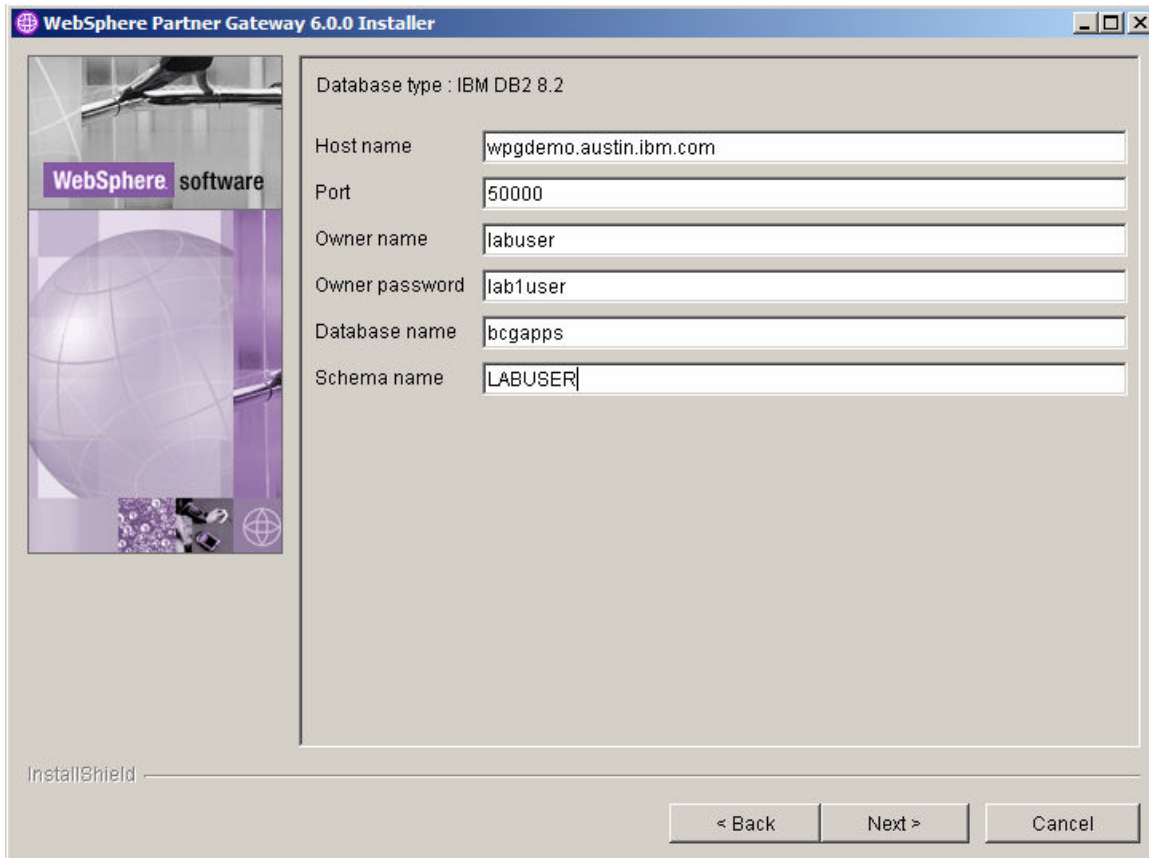
Owner Password: **lab1user**

Database name: **bcgapps**

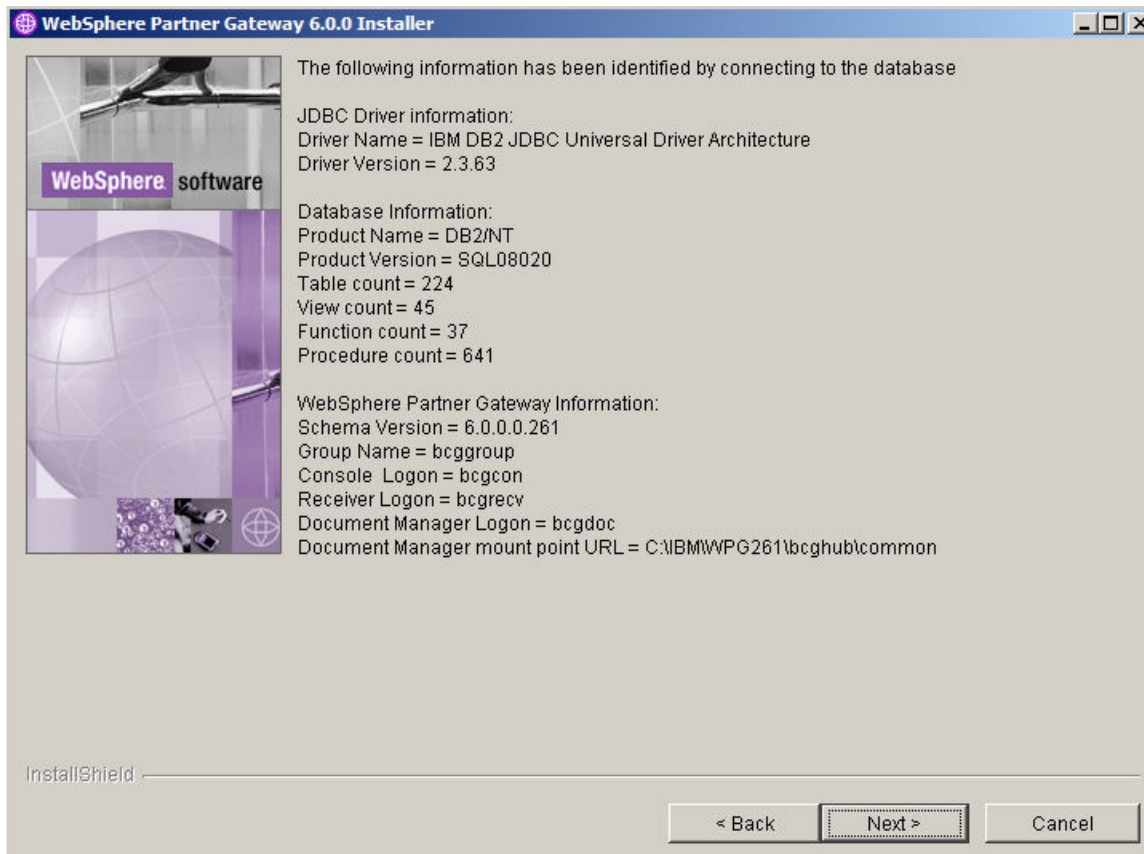
Schema name: **LABUSER**

Owner name , Owner Password and Database name are the same values that er used in the DBLoader install

Click **Next** to continue



___ 10. The Database connection confirmation window will appear. Click **Next** to continue.



- ___ 11. In the Common information directory window, type the location of the common shared components. This value must match the directory location used in the Database Loader installation.

Windows Enter **C:\IBM\WPG\bcghub\common**

Linux Enter **/opt/IBM/WPG/bcghub/common**

- ___ 12. In the WebSphere MQ server window, provide the hostname where MQ is installed. In this lab, MQ is installed on the same system where you are installing WPG. Provide the following values

Hostname: <hostname>

Queue Manager: **bcg.queue.manager**

Listener port: **9999**

Click **Next** to continue

- ___ 13. The next screen gives an option to set the features selected to install as windows services. Click the check box next to “**Install as Windows Services**”. Click **Next** to continue

- ___ 14. In the next screen, provide the password for **bcgcon** user

User name: **bcgcon**

Password: **bcg1console**

Accept defaults for other fields.

Click **Next** to continue.

___ 15. In the next screen, provide the password for **bcgrecev** user

User name: **bcgrecev**

Password: **bcg1receiver**

Accept defaults for other fields.

Click **Next** to continue.

___ 16. In the next screen, provide the password for **bcgdoc** user

User name: **bcgdoc**

Password: **bcg1docmgr**

Accept defaults for other fields.

Click **Next** to continue.

___ 17. In the next Rosettanet screen, click **Next** to continue

___ 18. In the next, send alert messages screen, click **Next** to continue

___ 19. The next screen provides the summary of features that will be installed and the size of the install..
Click **Next** to install

___ 20. In the next screen, when the **Finish** button is activated, click on **Finish** to close install window

Add java to the **Path** variable

Right Click on My Computer Icon and select Properties

Click on the Advanced Tab and Click on Environment Variables button

Find the Path variable under system Variables and select it

Click on edit and add C:\IBM\WPG\bcghub_jvm\jre\bin; to the front of already existing text.

Click Ok to save changes to Path. Click on OK on Environment Variables screen.

Click OK on System Properties window.

Part 7: Starting WebSphere Partner Gateway

After you have installed WebSphere Partner Gateway, the product is ready to run. There are two ways to start WebSphere Partner Gateway. You can either start WebSphere Partner Gateway as a service or start it from a command prompt.

To start WebSphere Partner Gateway as a service, do the following:

- ___ 1. Click Start > Settings > Control screen > Administrative Tools > Services.
- ___ 2. Right click WebSphere Partner Gateway, and select Start.
- ___ 3. Right click IBM WebSphere Application Server V6 - bcgConsole, and select Start.
- ___ 4. Right click IBM WebSphere Application Server V6 - bcgDocumentMgr, and select Start.
- ___ 5. Right click IBM WebSphere Application Server V6 - bcgReceiver, and select Start.

Note: You can also select to have these servers start at start up by right clicking on the servers and selecting Automatic.

To start WebSphere Partner Gateway from a command prompt, do the following:

- ___ 6. Navigate to the following directory: {INSTALL DIR}\IBM\bcghub\bin
- ___ 7. Start the Community Console by entering the following command: bcgStartServer.bat bcgconsole
- ___ 8. Start the Receiver by entering the following command: bcgStartServer.bat bcgreceiver
- ___ 9. Start the Document Manager by entering the following command: bcgStartServer.bat bcgdocmgr
- ___ 10. Open a Web browser and type the following URL:

Unsecured: **http://<hostname>.<domain>:58080/console**

Secure: **https://<hostname>.<domain>:58443/console**

Where <hostname> and <domain> are the name and location of the computer hosting the Community Console component.

Note: Community Console requires cookie support to be turned on to maintain session information. No personal information is stored in the cookie, and it expires when the browser is closed.

- ___ 11. The Web browser displays the Welcome page. Log into WebSphere Partner Gateway using the following information:
 - ___ a. In the “**User Name**” field, type: **hubadmin**
 - ___ b. In the “**Password**” field, type: **Pa55word**
 - ___ c. In the “**Company Login Name**” field, type: **Operator** Click **Login**.
 - ___ d. When you log in for the first time, you must create a new password.
Enter a new password as **hub1admin**,
then enter the new password **hub1admin** a second time in the **Verify** field.
 - ___ e. Click **Save**.
 - ___ f. The system displays the console’s initial entry window.

The screenshot displays the WebSphere Partner Gateway Community Console. At the top, the title bar reads "WebSphere Partner Gateway Community Console". Below this is a navigation menu with "Account Admin" selected, and sub-items: "Viewers", "Tools", "Hub Admin", "Community Participant Simulator", and "System Administration". A secondary menu includes "Profiles", "Participant Connections", "Alerts", and "Exclusion List". A third menu shows "Community Participant" selected, with sub-items: "Gateways", "B2B Capabilities", "Certificates", "Users", "Groups", "Contacts", and "Addresses". The main content area features a "Participant Search" section with a search form. The form includes a "Participant Name" text input, a "Business ID" dropdown menu currently set to "DUNS", and a "Search" button. The page also shows system information: "Language Locale: en_US", "Format Locale: en_US", and "Time Zone: Central Standard Time (GMT-5:00)". A user greeting "Welcome, Hub Admin" and links for "My Profile" and "Create" are visible. The WebSphere logo is present in the bottom right corner.

Part 8: Stopping WebSphere Partner Gateway

To stop WebSphere Partner Gateway as a service, do the following:

- ___ 12. Click Start → Settings → Control screen → Administrative Tools → Services.
- ___ 13. Right click IBM WebSphere Application Server V6 - bcgConsole, and select Stop.
- ___ 14. Right click IBM WebSphere Application Server V6 - bcgDocumentMgr, and select Stop.
- ___ 15. Right click IBM WebSphere Application Server V6 - bcgReceiver, and select Stop.

To stop WebSphere Partner Gateway from a command prompt, do the following:

- ___ 1. Navigate to the following directory: <WPG_HOME>\bin
- ___ 2. Shut down the server by entering the following command: bcgStopServer.bat bcgconsole
- ___ 3. Shut down the receiver by entering the following command: bcgStopServer.sh bcgreceiver
- ___ 4. Shut down the router by entering the following command: bcgStopServer.sh bcgdocmgr

Part 9: Log Files

If you encountered a problem while installing the Database Loader, consult the Database Loader logs in the **system temp\bcgdbloader\logs** directory for information on the problem.

For example:

 **Documents and Settings\db2admin\Local Settings\Temp\bcgdbloader\logs.**

Once the problem is resolved, do the following to delete the created database:

- Run the Database Loader uninstaller, and delete the database
- Once you have deleted the database, rerun the Database Loader wizard.

In the event that you experience problems while installing the WebSphere Partner Gateway components, review the following installation logs:

Installation Logs

<WPG_HOME>\logs\console
<WPG_HOME>\logs\receiver
<WPG_HOME>\logs\router

You should also examine the following runtime logs:

Embedded WebSphere Application Server

<WPG_HOME>\was\profiles\bcgconsole\logs
<WPG_HOME>\was\profiles\bcgreceiver\logs
<WPG_HOME>\was\profiles\bcgdocmgr\logs

Check the following logs if you have chosen to install the WPG components on WebSphere Application Server v6.0 which is already installed on this computer.

WebSphere Application Server v6.0

<WAS_HOME>\profiles\bcgconsole\logs
<WAS_HOME>\profiles\bcgreceiver\logs
<WAS_HOME>\profiles\bcgdocmgr\logs

Where <WAS_HOME> is where you have the WebSphere Application Server v6.0 installed.

Part 10: Uninstalling WPG

Use this procedure to uninstall either WebSphere Partner Gateway or the Database Loader:

If you installed WebSphere Partner Gateway as a Windows Service, you will need to stop the Receiver, Document Manager, and Console before uninstalling WebSphere Partner Gateway.

Follow the instruction in Part 8 to stop the Receiver, Document Manager, and Console.

Uninstalling WPG DBLoader

___ 1. To uninstall the WPG DBLoader, open a command window and change directories to the following

 Go to **C:\IBM\WPG\bcgloader_unist** directory, run the uninstaller executable.

 Go to **/opt/IBM/WPG/bcgloader/_unist** directory, run the uninstaller executable

___ 2. The uninstaller wizard starts and displays the Welcome window. Click **Next**.

___ 3. In the next window, Provide the following values if not already there by default

DB2 Database Owner: **labuser**

DB2 Instance Name: **DB2**

DB2 Database Name: **bcgapps**

Click **Next** to continue

___ 4. In the next screen, check the checkbox next to “**Drop the database**”. Click Next to continue.

___ 5. The Summary window lists the components that the uninstaller will remove. Review this information. If any of this information is incorrect, click Back to return to previous windows and correct it. When all of the information on the summary window is correct, click **Next**.

___ 6. The uninstaller removes the selected components. When it has removed all of the components, the uninstaller enables the **Finish** button. Click **Finish**.

You have successfully uninstalled WPG DBloader Component.

Uninstalling WPG Server Components

___ 1. To uninstall the WPG Server Components, open a command window and change directories to the following

 Go to **C:\IBM\WPG\bcghub_unist** directory, run the **uninstall** executable.

 Go to **/opt/IBM/WPG/bcghub/_unist** directory, run the **uninstall** executable

___ 2. The uninstaller wizard starts and displays the Welcome window. Click **Next**.

- _____ 3. In the Component selection window, select the components that you want to remove from this system. You can select multiple components. Select all and Click **Next**.

Note: WebSphere Partner Gateway requires at least one instance of each component. If you remove the only instance of a component, you must install that component on another system. For example, if you remove the only instance of Document Manager on your network, you must install Document Manager on another system and it must be configured to use the same database and queue manager.

The Uninstaller displays the Summary window.

- _____ 4. The Summary window lists the components that the uninstaller will remove. Review this information. If any of this information is incorrect, click **Back** to return to previous windows and correct it. When all of the information on the summary window is correct, click **Next**.

Note: The uninstaller only removes files that were created during the installation. It does not remove any files or folders that were created after installation. You can remove any remaining files or folders manually after the uninstall is complete.

- _____ 5. The uninstaller removes the selected components. When it has removed all of the components, the uninstaller enables the **Finish** button. Click **Finish**.

- _____ 6. Review the files that remain in the directory structure and then remove the directory tree.

You have successfully uninstalled the WebSphere Partner Gateway from your system.

What you did in this exercise

In this exercise, you have successfully installed the prerequisite software (MQ5.3 and DB2), configured the MQ queues required by WPG, and installed the WPG DBLoader and Hub.

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