

Release Notes for WebSphere Partner Gateway - Express, Version 6.0

These release notes cover release information for IBM^(R) WebSphere^(R) Partner Gateway - Express, Version 6.0. They contain the following sections:

[New in this release](#)

[Installation, migration, upgrade, and configuration information](#)

[Product fix history](#)

[Limitations](#)

[Backward compatibility](#)

[Known problems and workarounds](#)

[Product compatibility](#)

[Documentation](#)

[Hardware and software requirements](#)

Note: Important information about this product may be available in Technical Support Flashes issued after these release notes were published. These can be found on the WebSphere Partner Gateway support Web site, <http://www.ibm.com/software/integration/wspartnergateway/support>. Select the component area of interest and search the flashes section.

New in this release

This section lists the new features and improvements made in this release.

- WebSphere Business Integration Connect - Express has been renamed WebSphere Partner Gateway - Express.
- Support for new operating systems has been added: Windows 2003, RedHat Enterprise Linux 3.0, SuSE Linux Enterprise Server 9, i5/OS V5R3.
- Support for using a service daemon on a Linux system has been added.
- License inventory support has been added for IBM Tivoli License Manager (ITLM) on Windows and Linux platforms.
- A basic authentication feature has been added to AS2 support. You can now identify partners by the AS2 identifier or basic authentication values.
- Polling intervals and timeout values are now configurable using the properties files.
- Enhanced security functionality has been added, including Certificate Path Validation; Certificate Revocation List management and CRL distribution point support; and key usage and extended key usage enforcement during certificate upload.

Product fix history

The following problems, based on customer-reported cases for WebSphere Business Integration Connect - Express, Version 4.2.1, have been fixed in this release of WebSphere Partner Gateway - Express, Version 6.0.

APAR	Description
JR19749	Certificates generated incorrectly with the extension "critical".
JR20027	A SocketListener exception was logged.
JR20154	AS2 document failures were generated with third-party partner software.
JR20392	The document viewer for WebSphere Business Integration Connect - Express needed support for BIG5, S-JIS, and so on.
JR20741	WebSphere Business Integration Connect - Express was unable to process MDN from third-party software.
JR20930	FileNotFoundException was returned on OS/400.

Backward compatibility

WebSphere Partner Gateway - Express, Version 6.0, is functionally backward compatible for partner-to-partner integration with its predecessor, WebSphere Business Integration Connect - Express, Version 4.2.1.

Product compatibility

WebSphere Partner Gateway - Express, Version 6.0, is eBusinessReady-certified for AS2. Refer to <http://www.ebusinessready.org> for more information.

Hardware and software requirements

Hardware and software requirements are included in the product documentation. See [Installation, migration, upgrade, and configuration information](#) for links to those guides.

Installation, migration, upgrade, and configuration information

Whether you are installing the software from the CD or downloading it from Passport Advantage and installing it from a local directory, refer to the [User Guide](#). The guide also includes general migration, upgrade, and configuration information.

The following notes provide additional installation, upgrade, and configuration information:

- Certificate Revocation List distribution points are now supported in WebSphere Partner Gateway - Express, Version 6.0. To enable this, refer to the section "Running the bcgSetCRLDP.jacl script" of the user guide.
- WebSphere Business Integration Connect - Express, Version 4.2.1, supported RedHat Enterprise Linux (RHEL) Advanced Server, Version 2.1. WebSphere Partner Gateway - Express, Version 6.0, drops support for that Linux version, but it includes support for RHEL 3.0.
- New properties allow configuration of the polling intervals and timeout values used in WebSphere Partner Gateway - Express, Version 6.0. Refer to the user guide for details.

Limitations

WebSphere Partner Gateway - Express, Version 6.0, uses only the Triple DES encryption algorithm for outbound transactions.

Known problems and workarounds

The following problems have been found in this release:

- The installer for WebSphere Partner Gateway - Express does not allow you to set the autostart property when installing as a Windows service. Set the service properties using the Windows services controls.

Note: This problem applies only to Windows operating systems.

- Input fields in the WebSphere Partner Gateway - Express installation wizard appear with a gray background. However, port numbers, paths, and other input requests from the installer are input-capable and can be modified.
- The ikeyman.bat or ikeyman.sh utility in the *Express_root\was\bin* directory for WebSphere Partner Gateway - Express does not work if the product is installed to a path containing space characters. If you are installing the product to a directory whose path contains spaces, edit the ikeyman.bat or ikeyman.sh utility as follows to add double quotation marks around the indicated path. Change the following line:

```
cscript //NoLogo %WAS_HOME%\bin\GetGSKITInstallPath.vbs
to
```

```
cscript //NoLogo "%WAS_HOME%\bin\GetGSKITInstallPath.vbs"
```

Note: This problem does not apply to OS/400 or i5/OS

- The My Profile company address field may appear incorrect after an upgrade and data migration from WebSphere Business Integration Connect - Express, Version 4.2.1. Update the value using the Configuration/My Profile tab in the WebSphere Partner Gateway - Express console.
- Incorrect keystore and truststore configuration in WebSphere Business Integration Connect - Express, Version 4.2.1, causes WebSphere Partner Gateway - Express, Version 6.0, startup failures after an upgrade and data migration.

If security has been fully configured for WebSphere Business Integration Connect - Express, Version 4.2.1, this should not be a migration problem. If security was not properly configured, WebSphere Partner Gateway - Express, Version 6.0, does not start, and the SystemOut.log file in the bcgexpress WebSphere Application Server profile logs directory does indicate a transport startup failure with FileNotFoundException.

Before upgrading

To avoid this problem, check the following properties in WebSphere Business Integration Connect - Express, Version 4.2.1, before performing the upgrade and data migration procedures for WebSphere Partner Gateway - Express V6.0. In the *Express421_Root*\config\bcg.properties file (on OS/400, the path is /QIBM/UserData/WBICEXpress42/config/bcg.properties):

- *bcg.connector.keystore* should be set to an existing keystore file; if it is not, replace with `bcg.connector.keystore=`
- *bcg.connector.truststore* should be set to an existing truststore file; if it is not, replace with `bcg.connector.truststore=`

After upgrading

If you encounter this problem:

1. Open the security.xml file with a text editor. Locate this file:
 - On Windows and Linux: *Express_root*\was\profiles\bcgexpress\config\cells\DefaultNode\
 - On OS/400 and i5/OS: /QIBM/UserData/WebSphere/AppServer/V6/Base/profiles/bcgexpress/config/cells/DefaultNode/
2. Search for `xmi:id="SecureSocketLayer_1"`
3. Update with the following property settings to restore the default values:
 - `keyFileName="{USER_INSTALL_ROOT}/etc/DummyServerKeyFile.jks"`
 - `keyFilePassword="{xor} CDo9Hgw="`
 - `keyFileFormat="JKS"`

- trustFileName="\${USER_INSTALL_ROOT}/etc/DummyServerTrustFile.jks"
 - trustFilePassword="{xor} CDo9Hgw="
 - trustFileFormat="JKS"
- 4. Save the file
- 5. Start the WebSphere Partner Gateway - Express, Version 6.0, server as directed in the documentation.
- While uploading a certificate or keystore, if the exception message "Unsupported keysize or algorithm parameters" is displayed, the certificate or keystore is not compatible with the current jurisdiction policy files. Unrestricted jurisdiction policy files can be used, if permitted.

To install unlimited jurisdiction policy files in WebSphere Partner Gateway, follow these steps:

1. Download the unlimited jurisdiction strength policy files from the IBM SDK Policy files link at <http://www.ibm.com/developerworks/java/jdk/security/142/>.
2. Unzip the downloaded file to a temporary folder.
3. In the was\java\jre\lib\security subdirectory of the WebSphere Partner Gateway - Express installation, rename these files:

```

local_policy.jar
US_export_policy.jar
to
local_policy.jar.bak
US_export_policy.jar.bak

```

- Copy local_policy.jar and US_export_policy.jar from the temporary folder to the was\java\jre\lib\security subdirectory of the WebSphere Partner Gateway - Express installation.

If unrestricted policy files cannot be used, the keystore and certificates used for the product must be compatible with the restricted policy files.

Note: For OS/400 and i5/OS, this problem is unlikely to affect you. The IBM unrestricted policy files are shipped with the 5722-AC3 product and are used by the 1.4.2 Java Development Kit, on which WebSphere Partner Gateway - Express runs. If you use the restricted files for regulatory compliance, you must assure that compatible keystore and certificates are uploaded to the product.

- If revocation status of a certificate cannot be determined, the certificate is considered valid. To avoid this situation, current Certificate Revocation Lists (CRL) from the issuers should be available either in the local CRL directory or in the CRL Distribution Point (if enabled).
- You cannot enter the system name at the OS/400 sign-on prompt during a remote installation from Japanese, Korean, Simplified Chinese, or Traditional Chinese workstations. To work around this, click in the User ID field and press the Tab key until the cursor is active in the System field. You can then enter values for all fields in the prompt.

- APAR SE19477 - OS/400 (i5/OS)

A BufferOverflowException might occur on the outbound transaction of very large documents (those larger than 25 megabytes) from WebSphere Partner Gateway - Express, Version 6.0. on OS/400 or i5/OS. This will be fixed with an updated patch level of the Java Development Kit 1.4.2 for OS/400 and i5/OS. Load and apply the prescribed PTF for your operating system version identified for the APAR.

Documentation

Product documentation is not included as part of the product package, either by CD or electronic product distribution. The documentation for this product can be found in the following information center:

<http://www.ibm.com/software/integration/wspartnergateway/express/library/infocenter/>

To obtain the product documentation, visit the Web site and download the current documentation set for the release that you are using. Follow the instructions provided on the information center page to complete the installation.