IBM DB2 Information Integrator

Release Notes for Classic Event Publishing

Version 8.2

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Before using this information and the product it supports, be sure to read the general information under "Notices" on page 7.

Contents

About the release notes

The release notes contain the latest information about IBM® DB2® Information Integrator Classic Event Publisher, Version 8.2.

The release notes are in three parts:

- The first part details the diagnostic information that you can give to support if you encounter a problem with Classic Event Publisher.
- The second part contains the details of the problems, limitations, and workarounds that were known at the time of publication and apply to the latest version of the product. Read these notes to become familiar with any known outstanding issues with this release of DB2 Information Integrator Classic Event Publisher.
- The third part describes the product fixes and enhancements included in this Version 8.2 PTF.

DB2 Information Integrator support on the web

For more information about DB2 Information Integrator and the latest support issues, see the DB2 Information Integrator support Web page at www.ibm.com/software/data/integration/db2ii/support.html.

Troubleshooting

When you encounter a problem and contact support, be prepared to provide some or all of the following diagnostic information:

All applicable configuration files captured within the server log

For example:

- The data server
- The correlation server
- The query processor
- The user override

You can use the MTO DISPLAY, CONFIG command to display the contents of an active configuration member in the data server's log. See *IBM DB2 Information Integrator Administration Guide and Reference for Classic Federation and Classic Event Publishing* for information on using this command.

You can also send the configuration files in the SCACCONF data set that is referenced in the data server JCL.

Other information that you might need to provide

- The entire data server output
- All applicable DBDs, copybooks, queries, and USE grammar
- A trace file.

  For additional diagnostics, you might need to provide the following information:

  - If you are using Adabas data sources: the ADAREP and DDL
  - If you are using CA-IDMS data sources: the schema and subschema reports
  - If you are using IMS™ data sources: the IMS transaction logs
  - If you are using VSAM data sources: the CICS® logs

  For information about tracing, see the section about server logging in the *DB2 Information Integrator Administration Guide and Reference for Classic Federation and Event Publishing*.

- A system dump.

  In the event of an abend, the full system dump is not automatically generated. If the abend is reproducible, you can add the appropriate SYSMDUMP DD to generate the dump. If a SYSMDUMP is requested, the dump is routed to the data set that is defined in the SYSMDUMP DD.

  If an abend occurs and the data server's JCL does not contain a SYSMDUMP DD statement, check the data server's JES message log and the system message log to determine whether a system dump was created.

- Formatted messages from queues. The `ep_extras.zip` file contains a program and queue definitions that will read the message queues.

Abend problems on z/OS®

Include the PSW and REGS at the time of the error and the SAS/C function call trace stack. You can find the PSW and REGS in the data server output, under JESMSGLG and JESYSMSG. You can find the SAS/C

function call trace stack in the data server output in SYSTERM or in the system generated DDs, for example: SYSnnnnn.

If the problem is an abend, traceback information from the call stack is sent to Standard Output at the time of error. Traceback information is sent to the job log, if you are running in batch mode.

Problems with the metadata utility

Provide the SYSOUT from the problem run.

Product fixes

The following sections describe the product fixes and enhancements included in the Version 8.2 PTFs.

Adabas data sources

DB2 Information Integrator Classic Edition did not correctly detect and function with reentrant ADALNK modules at or above Adabas 7.4.2.

Data Mapper

Blanks or Japanese characters appeared instead of Swedish characters when Swedish characters were entered in the Remarks field of Data Mapper.

Correlation service

The correlation service abended if the REPORT command was issued and more than 112 change-capture agents were being tracked.

IMS data sources

Fixed-length DEDB segments that were internally defined as variable-length segments were not supported.

Publication service

- The attribute containing the commit time in rowOp and trans tags in XML messages was incorrectly created as ″cmtTime″ instead of ″cmitTime.″
- The publication service failed when creating XML messages with Japanese data at the same time that the message pool was full.
- Errors putting messages to WebSphere® MQ message queues could cause change-capture agents to enter recovery mode.

Product updates

IMS: HALDB support

IMS PHDAM and PHIDAM high-availability large databases (HALDB) are now supported as data sources.

Publication services in separate operating system images

You can now run a publication service and WebSphere MQ in an operating system image that is different from the image where the correlation service, the change-capture agent, and your database management system are running. This architectural change increases the performance of WebSphere Information Integration Classic Event Publisher and reduces the burden on the image where your database management system runs.

For more information on this change, see "Running correlation services and publication services on separate z/OS images in WebSphere Information Integrator Classic Event Publisher."

VSAM: Optional checking for duplicates

Correlation services can now filter out duplicate records before they pass information to publication services. In parameter three in the Service Info Entry for your correlation service, set the value to 3 to enable checking for duplicate records. The default value of 2 allows correlation services to pass duplicate records to publication services.

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