

IBM InfoSphere Information Server
Version 11 Release 3

*IBM InfoSphere Information Server
Common Connectivity Message
Reference*



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Note

Before using this information and the product that it supports, read the information in “Notices and trademarks” on page 49.

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Common messages for connectivity

This message reference includes messages that are returned by various connectivity options.

You must be familiar with the functions of the operating system where the connector is installed. You can use the information in this message reference to identify an error or warning and resolve the problem by using the appropriate recovery action. You can also use this information to understand where the messages are generated and logged.

The parallel engine and server engine generate messages that relate to errors that occur during installation, file writing and reading, and general product usage. The message information describes the types of errors, explains why they occurred, and provides solutions to them.

Each message has a message identifier that consists of a prefix (IIS) and a message number. Messages are listed in numeric sequence based upon the message number. There are three message types: Error, Warning, and Informational. Message identifiers ending with an E are error messages. Those ending with a W indicate warning. Messages ending in an I indicates informational messages.

You can view complete error details in the log file in the IBM® InfoSphere® DataStage® and QualityStage® Director client.

IIS-CONN-DAAPI-000001E Null argument: *parameter name*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000002E Invalid argument: *argument name*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000003E Invalid state

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000004E Memory allocation failed

Explanation: Failed to allocate memory. This is caused when the system runs out of memory.

User response: Ensure that the operating system has sufficient physical memory. For more information about the memory size that is required, see the system requirements document.

IIS-CONN-DAAPI-000006E Describe schema not set

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000007E Missing field *field name* in schema

Explanation: The field does not exist in the design schema. The field cannot be added because the schema is not negotiable.

User response: Add the field to the design schema.

IIS-CONN-DAAPI-000008E End of file reached

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000009E Failed to open ICU converter

Explanation: This error can occur for the following reasons:

1. The International Components for Unicode(ICU) libraries did not load.
2. An invalid code page was used.

User response:

1. Ensure that the ICU libraries are on the system and are accessible to the InfoSphere DataStage user ID.
2. Ensure that the code page that is used in the job is valid. For more information, see the topic about the maps and locales that are supplied with InfoSphere DataStage in the InfoSphere Information Server Information Center.
3. If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000010E Could not create converter for code page *code page name*

Explanation: This error can occur for the following reasons:

1. The International Components for Unicode(ICU) libraries did not load.
2. An invalid code page was used.

User response:

1. Ensure that the ICU libraries are on the system and are accessible to the InfoSphere DataStage user ID.
2. Ensure that the code page that is used in the job is valid. For more information, see the topic about the

maps and locales that are supplied with InfoSphere DataStage in the InfoSphere Information Server Information Center.

3. If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000011E Failed to convert string

Explanation: The strings could not be converted by using the ICU library.

User response:

1. Ensure that the ICU libraries exist on the system and are accessible to the InfoSphere DataStage user.
2. Ensure that the input data has valid code points for the code page that is specified in the stage. For more information, see the topic about the maps and locales that are supplied with InfoSphere DataStage in the InfoSphere Information Server Information Center.

3. If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000012E Invalid format

Explanation: The format that is used for the BigDecimal data type is not valid.

User response: Ensure that valid scientific notation is used for the BigDecimal data type. The following examples are valid scientific notations for BigDecimal data types:

- 2.41E+11 or 2.41e+11
- 3.48E-11 or 3.48e-11

IIS-CONN-DAAPI-000014E Element stack maximum exceeded

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000015E Unknown property type during XML parsing

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000016E Invalid xml: begin/end elements unbalanced

Explanation: The XML data in the osh script, which is used to store the connector stage property values, is not in the correct format.

User response: If you wrote the osh script or manually modified an osh script that was generated by the InfoSphere Information Server DataStage and Quality stage Designer client, ensure that beginning and end tags are balanced in XML data. If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000017E Error loading connector library *library name. reason*

Explanation: The connector library or dependant libraries failed to load for one or more of the following reasons:

- The library file does not exist on the system.
- The directory that contains the library file is not included in the system library path.
- The library file is corrupt.
- The version of the library file is different than the required version.

User response: Complete one or more of the following tasks:

- If the library file does not exist on the system, install the library file by using the installer. Check the installation log to verify if the installation is successful.
- Ensure that the patch files are installed in the correct order. For the order of installation, check the patch readme file, or contact IBM support.
- If the directory that contains the library files is not included in the system library path, include the path in the library path environment variable.
- If the version of the library file is different than the required version, install the correct version of the library file.

IIS-CONN-DAAPI-000018E Error loading connector interface table *interface table name. reason*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000020E Failed to create calendar

Explanation: The strings could not be converted by using the International Components for Unicode (ICU) library.

User response: If the input data contains values of the Date, Time, or TimeStamp data type, ensure that the values are formatted correctly.

Values of these data types have the following default formats:

Date type format:
yyyy-MM-dd

Time type format:
HH:mm:ss

TimeStamp format:
yyyy-MM-dd
HH:mm:ss

If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000021E Time zone attribute of calendar class invalid

Explanation: The connector contains values that have the Date, Time, or TimeStamp data types, but the time zone is not valid.

User response: Ensure that the International Components for Unicode (ICU) libraries exist on the system and are accessible by the InfoSphere DataStage user ID. If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000022E Unable to convert calendar to UDate

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000023E Failed to open ICU format object

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000024E Formatting of CC_Calendar object failed

Explanation: Values that have the Date, Time, or TimeStamp data type could not be converted to the String data type. Typically, this error occurs when the format of the value that has the Date, Time, or TimeStamp data type is invalid or is not known in the International Components for Unicode (ICU) library.

User response: Ensure that the format of input data is valid. For more information about the valid data formats, see the ICU documentation.

If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000025E Failed to get timezone display name

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000026I XMI data is: XML data

Explanation: This message is displayed with the error message IIS-CONN-DAAPI-00027. The current message contains XMI data, which can be used by developers to debug the error.

User response: No action is required.

IIS-CONN-DAAPI-000027E Failed to deserialize XMI data: XMI data

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000028E Pre-parsed statement parameter *parameter name* not found in statement

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000029E Data field *data field path* not found in dataset definition

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000030E DataSetDef required but not provided

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000031E Path of field required but not provided

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000032E Accessor not allowed at root of metadata hierarchy. This must be a cursor.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000033E Accessor must be created with a parent object of type accessor or cursor

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000034E An internal error has occurred

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the

job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000035E This method is not implemented

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000036E This operation is not supported

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000037E Accessor object does not reference a value field

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000038E Accessor object does not reference a vector field

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000040E Accessor object references a vector field

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000041E Accessor being set from incompatible accessor

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000043E Can not set the value for a read-only accessor

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000044E Can not convert from framework type *data type*

Explanation: The connector tried to get a value whose type is not defined in the schema as the one that can be converted from the type used in the parallel engine.

User response: Check the data type mapping that is defined in the connector, and ensure that a valid data

type is used in the schema. For more information, see the topic about data type conversion in the InfoSphere Information Server Information Center.

If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000045E Can not convert to framework type *data type*

Explanation: The connector tried to set a value whose type is not defined in the schema as the one that can be converted to the type used in the parallel engine.

User response: Check the data type mapping defined in the connector, and ensure that valid data type is used in the schema. For more information, see the topic about data type conversion in the InfoSphere Information Server Information Center.

If the error persists, gather the job logs and job design, and contact IBM Software Support.

You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000046W Framework returned a warning for conversion from *source data type* to *target data type: reason*

Explanation: Parallel engine returned a warning when the connector tried to convert data from type *source data type* to type *target data type*.

User response: Verify the data type that is defined in

the connector, and ensure that a valid data type is used in the schema.

If the error persists, gather the job logs and job design, and contact IBM Software Support.

You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000047E Framework returned error for conversion from *source data type* to *target data type: reason*

Explanation: Parallel Engine returned an error when the connector tried to convert data from type *source data type* to type *target data type*.

User response: Verify the data type that is defined in the connector, and ensure that a valid data type is used in the schema.

If the error persists, gather the job logs and job design, and contact IBM Software Support.

You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000048E Datatype *data type* unsupported

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software

Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000049E Index index number out of range for vector field of length *vector length*

Explanation: The length of a record that was read from or written to a vector field is out of range.

User response: Ensure that the vector records have a valid length.

IIS-CONN-DAAPI-000050E Method not supported

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000052E Schema reconciliation failed. Number of dimensions does not match for field *field name*

Explanation: A vector type field was used, and the dimensions of the vector in the design schema do not match the dimensions of the vector in the external schema.

User response: Ensure that the dimensions of the vector in the design schema match the dimensions of the vector in the external schema. Parallel Engine supports single dimensional vectors. The dimension of the vector can be 0 or 1.

IIS-CONN-DAAPI-000053E Schema reconciliation failed. No conversion between typecodes *designed field type* and external field type for field *field name*

Explanation: The data conversion between the InfoSphere DataStage column and the external data source column failed. The InfoSphere DataStage column type that is defined on the output or input link contains an invalid data type. As a result, data was not imported or exported from external data sources.

User response: Change the data type of the InfoSphere DataStage column to a data type that can be converted to the data type that is used by the external data source. For more information about supported data type conversions, see documentation for relevant connectors.

IIS-CONN-DAAPI-000055E Schema reconciliation failed. Invalid typecode *field type* in field *field name*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000056E Schema is non-negotiable. Attempted to modify field: *field name*, attribute: *modified attribute*. Design-time value: *designed field value*. External value: *external field value*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and

QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000057I Modified field: *field name*,
attribute: *modified attribute*. **Design-time value:** *designed field value*. **External value:** *external field value*

Explanation: The schema was modified to resolve a mismatch between the design schema and external source schema.

User response: No action is required.

IIS-CONN-DAAPI-000058E Schema is non-negotiable. Attempted to modify field: *field name* **by taking external schema definition of type** *external field type*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000059I Modified field: *field name* **by taking external schema definition of type:** *external field type*

Explanation: The schema was copied from the external schema to resolve a mismatch between the design schema and the external source schema.

User response: No action is required.

IIS-CONN-DAAPI-000060E Schema reconciliation failed. Found extra columns in design schema

Explanation: The design schema contains extra fields that do not match any fields in the external source schema.

User response: Perform one of the following steps:

- If you do not want to pass extra fields to the connector, compare the design schema with the external source schema. Correct any typographical errors in the field names of the design schema. Remove any extra fields in the design schema.
- To pass the extra fields to the connector, set the property for the connector that allows extra fields, and then ensure that the job runs successfully. For example, for the DB2 connector, you can set **Drop unmatched fields** to **Yes**.

IIS-CONN-DAAPI-000062E Invalid SQL statement parameter name: *parameter name*. **It does not exist in the design schema and the connector was not able to describe it**

Explanation: The user-defined SQL statement contains undefined column names. For example, suppose that only the C1 column is defined on the DB2 connector input link. If the user-defined SQL statement contains the string 'ORCHESTRATE.C2', the job fails.

User response: Ensure that any column names in the SQL statement are defined on the input or output link of the connector stage.

IIS-CONN-DAAPI-000063W Unable to determine association between statement parameters and table columns. The connector will not be able to obtain external schema and only limited schema reconciliation will be performed

Explanation: When the **Generate SQL** property is set to **No** and the connector uses a user-defined SQL statement, the connector reconciles the schema that is specified in the SQL statement with the external schema. However, when the SQL statement is not in the format that is required by the connector, only partial schema reconciliation is completed.

For example, the DB2 connector expects the Insert statement in the following format:

```
INSERT INTO TB1 ( C1,C2 ) VALUES
(ORCHESTRATE.C1,ORCHESTRATE.C2).
```

Suppose that the user-defined Insert statement is in the following format:

```
INSERT INTO TB1 VALUES
(ORCHESTRATE.C1,ORCHESTRATE.C2)
```

In this statement, the column names after the table name is missing, and an error occurs.

User response: Ensure that the SQL statements are written in the format that is required by the connector.

IIS-CONN-DAAPI-000064I External schema field, **name:** *field name*, **type:** *field type* was not found in the design schema

Explanation: The external source schema contains columns that do not exist in the InfoSphere DataStage column definition.

User response: Verify if the SQL statement specifies columns which are not defined on the input or output link of the connector stage. If it does, change the SQL statement or the links.

IIS-CONN-DAAPI-000065I Design schema field, **name:** *field name*, **type:** *field type* was not found in the external schema

Explanation: The design schema contains columns that do not exist in the external source. The additional columns will be dropped.

User response: Verify if the InfoSphere DataStage columns that are defined on the output and input link contain correct names. If it does, change the SQL statement or the links.

IIS-CONN-DAAPI-000068E Schema reconciliation detected a type mismatch for field *field name*. When moving data from field type *source field type* into *target field type*, data corruption can occur

Explanation: The design field data type does not match the external field data type. When the data type is converted, data might be lost or corrupted. Typically, this error message is logged when a field that has the String data type is converted to other data types.

The message is logged as a warning or as an error depending on the settings in the connector. For example, in the DB2 connector, the severity varies depending on the option specified for the **Fail on type mismatch** field.

User response: Ensure that the design field data type matches the external field data type.

IIS-CONN-DAAPI-000069E Design schema field: *field name* cannot be unbounded. Maximum length must be specified

Explanation: During the schema reconciliation process, the length of the specified field could not be determined. One or more of the following conditions can cause this error:

- A String data type is used in the schema, but the field length is not defined in both the external schema and design schema.
- The external schema type is unknown, and the field length is not defined in the design schema.

User response: On the Column page of the stage editor, specify the field length in the InfoSphere

DataStage column definition.

IIS-CONN-DAAPI-000070W No character set is specified on the design schema field *field name*. Using the system default setting of: *system locale*

Explanation: The character set is not defined for a field that has the String data type in the design schema.

User response: Complete one of the following tasks:

- If you want to use the system default character set, ignore the message.
- If you want to use a custom character set, set NLS to the appropriate code page.

IIS-CONN-DAAPI-000071W No character set is specified on the external schema field *field name*. Using the system default setting of: *system locale*

Explanation: The character set is not defined on the string type field of the external schema.

User response: Complete one of the following tasks:

- If you want to use the system default character set, ignore the message.
- If you want use the custom character set, then specify the codepage on the external source.

IIS-CONN-DAAPI-000077E An unknown error was encountered

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000078E An input record has no lookup match.

Explanation: When the connector runs in sparse lookup mode, the lookup table must contain a record with a key field value that matches the key field value in the input record.

User response: If you want the job to continue even when no record matches the value in the lookup table, complete the following steps:

1. Double-click the Lookup stage.
2. From the menu, click the **Constraint** icon.
3. Select a value other than **Fail** for the Lookup Failure column, and then click **OK**.

IIS-CONN-DAAPI-000079E **Reject record count has exceeded limit of *maximum reject record number***

Explanation: The number of records that were rejected at run time exceeds the limit that is set in the **Reject link** property.

User response: If the records are rejected unexpectedly, check to verify the reason for rejection. In the **Reject link** property, do the following:

- To continue the job after the reject record limit is reached, set the **Abort after(rows)** property to 0.
- To copy the error code or error text to the reject link, select the **ERRORCODE** or **ERRORTXT** check box.

IIS-CONN-DAAPI-000080E **Reject record percentage has exceeded limit of *reject record percentage limit* with threshold of *threshold***

Explanation: The percentage of records rejected during run time exceeds the limit set in the **Reject link** property.

User response: If the records are rejected unexpectedly, check to verify the reason for rejection. In the **Reject link** property, do the following:

- To copy the error code or error text to reject link, select the **ERRORCODE** or **ERRORTXT** check box.
- If you want the job to continue even after the reject record limit is reached, set the **Abort after(%)** property to 0.

IIS-CONN-DAAPI-000081E **Unmatched double quote character found at offset *offset* parsing parameter *parameter name***

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server

Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000082E **Unmatched single quote character found at offset *offset* parsing parameter *parameter name***

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000083E **Unexpected character found at offset *offset* parsing parameter *parameter name***

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000084E **Expected identifier at offset *offset* parsing parameter *parameter name***

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the

job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000085E Invalid partitioning range specified (*start range number, end range number*)

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000087E Node count must be greater than zero.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000088E Node number must be between zero and node count - 1. Actual value: Actual value

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000089E Partitioning column name must be specified

Explanation: The **Enable partitioned reads** property is set to **Yes** and the **Partitioned read method** property is set to **Minimum and maximum range** or **Modulus**, but no key column value is specified for the **Column name** property.

User response: Ensure that a key column value is specified in the **Column name** property.

IIS-CONN-DAAPI-000090E Select where clause must be specified

Explanation: An unexpected internal error occurred.

User response: Gather the logs and contact IBM Software Support. For more information, see the topic about contacting IBM support in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000091E Select where clause does not match statement

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and

QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000092E Invalid connection object.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000093E Invalid adapter object.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000094E Invalid property value *property value*

Explanation: An invalid value was specified when the job was run. Typically, this error occurs when a job parameter is used.

User response: Ensure that a valid value is specified for the property.

IIS-CONN-DAAPI-000096E Required property not set: *property path*

Explanation: An invalid value or a value other than the values that are available in the list for the property was specified when the job was run. Typically, this error occurs when a job parameter is used.

User response: Ensure that a valid value is specified for the property.

IIS-CONN-DAAPI-000097E Index *index*, out of bounds for property: *property path*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000098E Invalid record count: *record count*. It must be a multiple of array size: *array size*

Explanation: The value that is specified for the **Record count** property is not valid. It must be a multiple of the value that is specified for the **Array size** property.

User response: Change the value for the **Record count** property to a multiple of the value for the **Array size count** property.

IIS-CONN-DAAPI-000100W Unable to load XML descriptor for connector *connector name (reason)*. Property validation information may not be complete.

Explanation: This message is displayed because of one of the following reasons:

- The StageDsc.xml file is not in the `DataStage_installation_directory/StagingArea/Installed/connector name/META-INF/en` directory.
- The StageDsc.xml file is empty.

User response: You can ignore the warning as it does not affect the job run. However, to avoid this message, copy the StageDsc.xml to the `DataStage_installation_directory/StagingArea/`

Installed/*connector name*/META-INF/en directory.

IIS-CONN-DAAPI-000101E Property *property name* is required but empty.

Explanation: A value is not specified for a required property. Typically, this error occurs when a job parameter is used.

User response: Ensure that a value is specified for the property.

IIS-CONN-DAAPI-000102E Property *property name* not valid in *context context*

Explanation: The property cannot be defined in the specified context.

User response: If you ran an osh script that you wrote or if you modified an osh script that was generated by the InfoSphere DataStage and QualityStage Designer client, remove the specified property from the script.

If the error persists, gather the job logs and job design, and contact IBM Software Support.

You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000103E Property *property name* has value (*property value*) which is outside of range. The minimum allowed value is (*minimum allowed value*) and the maximum is (*maximum allowed value*)

Explanation: The property value must be in the specified range. Typically, this error occurs when a job parameter is used.

User response: Ensure that the property value is in the specified range.

IIS-CONN-DAAPI-000111E Value *property value* for property *property name* not within range of possible values. The possible values for this property are (*allowed values*).

Explanation: The property value must be one of the following values: *allowed values*. Typically, this error occurs when a job parameter is used.

User response: Specify one of the possible values for the property.

IIS-CONN-DAAPI-000112E Property *property name* not defined in connector descriptor.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000116E An unexpected error has occurred while validating this connector.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000117E Invalid state. Stream already open.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

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IIS-CONN-DAAPI-000118E Invalid state. Stream not open.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000119E Incomplete locator string found for field *field name*.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000120E There are no fields in the design schema.

Explanation: This error occurs when the **Generate SQL** property is set to **Yes** on database related connectors and no columns are defined in the input or

output link. This error is likely to be caused when the runtime column propagation is set. The job compiler does not produce an error when there are no columns defined on the input or output link.

User response: Ensure that you define columns on the input or output link when the **Generate SQL** property is set to **Yes**.

IIS-CONN-DAAPI-000121E Failed to generate update statement. No non-key fields defined in the design schema.

Explanation: The connector failed to generate an Update statement from the design schema. In the connector, the **Generate SQL** property is set to **Yes**, but no non-key fields are defined on the input link.

In the design schema, both key fields and non-key fields are required to generate Update statements. The key fields are used in the Where clause, and the non-key fields are used in the Set clause.

User response: Complete one of the following tasks:

- Change the field that you want to update to a non-key field.
- Ensure that one or more non-key fields are defined on the connector stage input link.

IIS-CONN-DAAPI-000122E Failed to generate where clause for update statement. No key fields defined in the design schema.

Explanation: The connector failed to generate update statement from the design schema. The **Generate SQL** property is set to **Yes** on database connectors and there is no key fields defined on the connector stage input link.

The design schema needs both key fields and non-key fields to generate update statements. The key fields are used in the Where clause, and the non-key fields are used in the Set clause.

User response: Complete one of the following tasks:

- Change the field that you want to use for Where clause to a key field.
- Ensure that one or more non-key fields are defined on the connector stage input link.

IIS-CONN-DAAPI-000123E Failed to generate where clause for delete statement. No key fields defined in the design schema.

Explanation: The connector failed to generate delete statement from the design schema. The **Generate SQL** property is set to **Yes** on database connectors and there is no key fields defined on the connector stage input link.

User response: Complete one of the following tasks:

- Change the field that you want to use for Where clause to a key field.
- Ensure that one or more key fields are defined on the connector stage input link.

IIS-CONN-DAAPI-000124E Failed to generate where clause for select statement. No key fields defined in the design schema.

Explanation: The connector failed to generate select statement from the design schema because there is no key field defined on the connector stage input link. The **Generate SQL** property is set to **Yes** on database connectors and the connector is the source context.

User response: Complete the following tasks:

- Change the field that you want to use for Where clause to a key field.
- Ensure that one or more key fields are defined on the connector stage input link.

IIS-CONN-DAAPI-000125E Invalid context for view data operation.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000126E No tables could be found to be included in select statement for view data operation.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000295E SAX parser initialization exception thrown: *reason*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000296E SAX parser exception thrown: *reason*

Explanation: The format of XML data in the osh script, which stores property values for the connector stage, is not correct.

User response: If you run an osh script that you wrote or manually modified, ensure that the XMLProperties and linXMLProperties strings are in a valid format and schema. Compare the osh script that you modified with an osh script which is running fine. If the error persists, Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000361I Generated INSERT statement: *statement*

Explanation: The specified SQL statements were generated by the connector. The statements are logged because the **Generate SQL** property is set to **Yes**.

User response: No action is required.

IIS-CONN-DAAPI-000362I Generated UPDATE statement: *statement*

Explanation: The specified SQL statements were generated by the connector. The statements are logged because the **Generate SQL** property is set to **Yes**.

User response: No action is required.

IIS-CONN-DAAPI-000363I Generated DELETE statement: *statement*

Explanation: The specified SQL statements were generated by the connector. The statements are logged because the **Generate SQL** property is set to **Yes**.

User response: No action is required.

IIS-CONN-DAAPI-000364I Generated SELECT statement: *statement*

Explanation: The specified SQL statements were generated by the connector. The statements are logged because the **Generate SQL** property is set to **Yes**.

User response: No action is required.

IIS-CONN-DAAPI-000377E Statement could not be modified to insert partitioning where clause to run the job in parallel. Change the execution mode to sequential or disable partitioned reads.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000378E Input link sort keys must match when ordering messages for distributed transactions.

Explanation: The sort keys from the input links do not match. When sort keys are defined in input links, each input link must contain identical keys.

User response: Ensure that the input links contain identical keys.

IIS-CONN-DAAPI-000379E The Distributed Transaction Stage was unable to build a sort schema for ordering input link messages.

Explanation: The sort key that is specified in the input schema was not found.

User response: Take the following actions:

- Ensure that the input schema contains the field that you specified as the sort key.
 - If you ran an osh script that you wrote or modified an osh script that was generated by the InfoSphere DataStage and Quality Designer client, ensure that a valid field is specified as the sort key.
-

IIS-CONN-DAAPI-000380E The Distributed Transaction Stage was unable to set the sort schema for ordering input link messages.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000381E The Distributed Transaction Stage was unable to validate with the sort key encoder.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000382E The Distributed Transaction Stage was unable to initiate a new distributed transaction.

Explanation: The stage could not begin a new distributed transaction.

User response: Verify that the queue manager is available and distributed transaction (XA) is configured correctly on the queue manager.

IIS-CONN-DAAPI-000383E The Distributed Transaction Stage was unable to open the work queue.

Explanation: The Distributed Transaction Stage failed to open the work queue.

User response: Verify that the work queue that is specified in the stage is correct and available.

IIS-CONN-DAAPI-000384E The Distributed Transaction Stage was unable to get messages in the work queue.

Explanation: The Distributed Transaction stage could not get messages from the work queue.

User response: Verify that the queue manager and work queue that are specified in the stage are available.

IIS-CONN-DAAPI-000385E The Distributed Transaction Stage was unable to commit a distributed transaction or close the work queue.

Explanation: The stage could not commit the distributed transaction or close the work queue.

User response: Verify that the queue manager and all distributed transaction (XA) resource managers are available.

IIS-CONN-DAAPI-000386E The Distributed Transaction Stage was unable to open the reject queue.

Explanation: The Distributed Transaction stage could not open the reject queue.

User response: Verify that the reject queue name that is specified in the stage is correct and available.

IIS-CONN-DAAPI-000387E The Distributed Transaction Stage was unable to peek messages in the work queue.

Explanation: The Distributed Transaction stage failed to browse messages from the work queue.

User response: Review the previously logged error messages for errors that are prefixed with CONN-NGBR and resolve the errors.

IIS-CONN-DAAPI-000388E The Distributed Transaction Stage has detected a previously rejected record on input link link number.

Explanation: The Distributed Transaction stage found a record, which contains the DTS.REJECTED data element value 1. This indicates an error in the previous stage.

User response: No action is required.

IIS-CONN-DAAPI-000389E Unmatched double quote character found at offset *offset* parsing table name *table name*

Explanation: In a database connector, the specified table name contains an invalid quotation mark.

User response: Ensure that the table name is enclosed in double quotation marks.

IIS-CONN-DAAPI-000391E Unexpected character found at offset *offset* parsing table name *table name*

Explanation: The specified table name is invalid.

User response: Ensure that the table name is specified in the following format:

- *Database name.Schema name.Table name*
- *Schema name.Table name*
- *Table name*

IIS-CONN-DAAPI-000393I The length of *field type column field name* cannot be validated because the database column is *database column type* and character set conversion is involved. Inadequate column lengths can lead to data truncation or unexpected errors.

Explanation: Because the design field data type and the external field data type do not match, data might be truncated when records are transferred. Some examples of data type mismatch are:

- The external field type is NCHAR/NVARCHAR and the design field type is CHAR/VARCHAR.
- The external field type is CHAR/VARCHAR and the design field type is NCHAR/NVARCHAR.

User response: Ensure that the external field length is big enough to receive data from the design field.

IIS-CONN-DAAPI-000394E The connector does not support data transfer in Unicode format. When writing *column field name*, Unicode data needs to be converted to *character set* which can cause data loss or corruption.

Explanation: The design schema contains Unicode columns, but the connector does not support data transfer in Unicode format. Before data is transferred, the Unicode data will be converted to a code page that is supported by the external source. When data is converted, data might be lost or corrupted.

User response:

- In the design schema, ensure that no columns use the Unicode column type.
- Change the value in the NLS tab in the stage page to match with the external code set.
- Ensure that the input records match the code page that is specified in the NLS tab in the stage page.

IIS-CONN-DAAPI-000395E The connector does not support data transfer in Unicode format. When reading *column field name*, data will be converted to *character set* and then converted to Unicode. The conversion to *character set* can cause data loss or corruption.

Explanation: The design schema contains Unicode columns, though the connector does not support data transfer in Unicode format. The Unicode data must be converted into the codepage supported by the external source. The conversion can result in loss or corruption of data.

User response: Use non-Unicode column type instead of Unicode column in the design schema. Change the stage NLS according to the external code set.

IIS-CONN-DAAPI-000396W Writing the *source field type column field name* into a *target field type database column* can cause data loss or corruption due to character set conversions.

Explanation: The design field data type does not match the external field data type. In the following scenarios, data might be lost or corrupted when data is converted:

- In parallel jobs, the design field data type is NCHAR/NVARCHAR and the external field type is CHAR/VARCHAR.
- In server jobs, the design field data type is CHAR/VARCHAR and the external field data type is CHAR/VARCHAR.

User response: In parallel jobs, complete one or more of the following tasks:

- If the records to write do not contain multibyte characters, change the design field type to CHAR/VARCHAR.
- If the records contain multibyte characters and you want to handle the records as Unicode strings in a NCHAR/NVARCHAR column, ensure that the external field length is big enough to handle the data from the design field so that data is not truncated.

In a server job, ensure that the external field length is big enough to handle the data from the design field so that data is not truncated.

IIS-CONN-DAAPI-000397W Reading the *source field type database column field name* into a *target field type column* can cause data loss or corruption due to character set conversions.

Explanation: If the design field data type is CHAR/VARCHAR and the external field data type is NCHAR/NVARCHAR, data might be lost or corrupted when it is converted.

User response: To ensure that data is not truncated, change the design field data type to NCHAR/NVARCHAR.

IIS-CONN-DAAPI-000398E Schema reconciliation detected a size mismatch for *column field name*. When writing *column source field type* into *database column target field type*, truncation, loss of precision, data corruption or padding can occur.

Explanation: The design field is bigger than the external field. Because the fields are not the same size, data might be lost or corrupted when it is written to the external field.

The message is logged as a warning or as an error depending on the connector. For example, in the DB2

connector, you can change the severity of the message by setting the **Fail on type mismatch** property.

User response: Ensure that the design field and the external field are the same size.

IIS-CONN-DAAPI-000399E Schema reconciliation detected a size mismatch for column *field name*. When reading database column *source field name* into column *target field name*, truncation, loss of precision, data corruption or padding can occur.

Explanation: The external field is bigger than the design field. Because the fields are not the same size, data might be lost or corrupted when it is read from the external field.

The message is logged as a warning or as an error depending on the connector. For example, in DB2 connector, you can change the severity of the message by setting the **Fail on type mismatch** property.

User response: Ensure that the design field and the external field are the same size.

IIS-CONN-DAAPI-000400E Schema reconciliation failed. Connector must support at least one string bind type.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a `.dsx` or `.isx` file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a `.dsx` file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a `.isx` file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000401E The type of data element *data element name* is not valid.

Explanation: The InfoSphere DataStage column type does not match with the data type defined in the SQL data type property of the data element.

User response: Change the column type to match with the data type defined in the SQL data type property of the data element.

IIS-CONN-DAAPI-000402E The precision of data element *data element name* is not valid.

Explanation: The InfoSphere DataStage column precision does not match with the precision property defined in SQL data type property of the data element.

User response: Change the column precision to match with the precision property defined in the SQL data type property of the data element.

IIS-CONN-DAAPI-000403E The scale of data element *data element name* is not valid.

Explanation: The InfoSphere DataStage column scale does not match with the scale property value of the data element.

User response: Change the column scale to match with the scale property defined in the scale property value of the data element.

IIS-CONN-DAAPI-000404E The Distributed Transaction Stage was unable to build a status schema.

Explanation: An error was found in the schema of the status link.

User response: Review the previously logged error messages for errors that are prefixed with CONN-NGBR and resolve the errors.

IIS-CONN-DAAPI-000405E The Distributed Transaction Stage was unable to get sort keys for ordering input link messages.

Explanation: When record ordering is enabled but key columns are not specified in the stage property, all links must be sorted. However, a link does not contain the sort key.

User response: Verify that sort keys are specified in all input links.

IIS-CONN-DAAPI-000406E The Distributed Transaction Stage was unable to build a sort keys property list for ordering input link messages.

Explanation: An unexpected internal error occurred.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a `.dsx` or `.isx` file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000407E The length of LOB column *column name* is not sufficient to contain the LOB locator. A minimum length of *required column length* is required. Note that the length of the LOB locator can vary depending on the data in the primary key.

Explanation: The length of the LOB column is too small to contain the LOB locator.

User response: Specify a longer length for the column.

IIS-CONN-DAAPI-000408E The Distributed Transaction Stage was unable to open the log queue.

Explanation: The Distributed Transaction stage could not open the log queue.

User response: Verify that the log queue name that is specified in the stage is correct and available.

IIS-CONN-DAAPI-000430I Design schema field, name: *field name*, type: *field type* was not referenced in the SQL statement

Explanation: The column in the InfoSphere DataStage schema is not referenced in the SQL statement that is being processed.

User response: No action is required.

IIS-CONN-DAAPI-000431E Failed to get data type of column *column name*.

Explanation: The column that is specified as the sort key does not exist in the input links.

User response: Verify that the specified column name is correct.

IIS-CONN-DAAPI-000434E Connection test failed

Explanation: The connection to the data source was not verified.

User response: Verify that the specified data source is correct and available.

IIS-CONN-DAAPI-000453E The Distributed Transaction Stage has detected a previously rejected record

Explanation: The Distributed Transaction Stage found a record that contains a column with the

DTS.REJECTED data element value 1.

User response: No action is required.

IIS-CONN-DAAPI-000454E The Distributed Transaction Stage detected end of data before end of wave. Rolling back the transaction.

Explanation: The Distributed Transaction Stage expects the end of wave to come before the end of data. However, the end of data was detected before the end of wave. To ensure that the transaction was not partially committed, the Distributed Transaction stage rolled back the transaction.

User response: Take the following action:

- If another stage in the job caused the job to fail and this message is logged after this error occurred, make sure that the error in the other stage is fixed. Refer to the error messages guide for the stage that caused the error.
- Modify the source stage so that it writes the end of wave at the end of data.

IIS-CONN-DAAPI-000479E The field format *field format* is not supported for the field *field name* of type *field type*.

Explanation: The format of the specified field is not valid.

User response: Check the data type definition for the *field name* field on the link, and ensure that it is compatible with the corresponding external field (database column). If the link column definition is correct, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000480E The field *field name* of type *field type* and format *field format* requires *required size* bytes of storage for the values but only *provided size* bytes of storage were reserved for this field.

Explanation: Sufficient memory is not available for the internal transport of field values. This internal error

indicates a problem in the column definition configuration on the link during the job setup.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000481E The field *field name* of type *field type* and format *field format* has a value that is *value size* bytes long but only *storage size* bytes of storage were reserved for this field.

Explanation: The size of the value for the specified field is larger than the size of the memory storage that is allocated by the connector for the field value.

User response: Complete the following steps:

- In the column definition on the link, ensure that the field length is large enough to accommodate values for that field in the job and values for the external data source fields such as the database column.
- If the field length is not defined in the column definition of the link, check the connector documentation to determine the default size. Ensure that the field values in the job are not larger than the default size.
- If the problem persists, Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

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IIS-CONN-DAAPI-000482E The field *field name* of type *field type* and format *field format* has a value that is *value size* bytes long and that together with the NULL terminator requires *required size* bytes of storage but only *storage size* bytes of storage were reserved for this field.

Explanation: The size of the value for the specified field, including the NULL character terminator, was larger than the size of the memory storage that is allocated for the field value. The column definition that was configured on the link during the job setup phase is not a valid representation of the actual record schema.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000483E The field *field name* of type *field type* and format *field format* has a value in *source charset* character set encoding that is *source size* bytes long and that cannot be converted to *target charset* character set encoding because the required size for the converted value buffer is *target size* bytes and only *storage size* bytes of storage were reserved for this field.

Explanation: The specified field value could not be converted from the *source charset* character set encoding to the *target charset* character set encoding. The converted value could not be stored in the memory storage that is allocated by the connector for the field.

User response:

- Verify that the internal character set encoding (NLS map name) for the job, the current system locale, and the character set encoding for the external data source that is configured in the job runtime environment match. If they don't, make the necessary changes.
- If the connector is configured to read data from an external data source, ensure that the specified field is

large enough to store all values after they are converted to the *target charset* character set encoding.

- If the connector is configured to write data to the external data source, ensure that the input link field values can fit in the external data source field (database column) after they are converted to the *target charset* character set encoding. For more information, see the topic about the maps and locales that are supplied with InfoSphere DataStage in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000484E The conversion from *source charset* character set encoding to *target charset* character set encoding for the field *field name* of type *field type* and format *field format* failed with ICU error code *error code*.

Explanation: The field value was not converted from the *source charset* character set encoding to the *target charset* character set encoding.

User response:

- Ensure that the internal character set encoding (NLS map name) and the external data source character set encoding are compatible.
- If columns that have the Char, VarChar or LongVarChar data type and no value for the Extended attribute are used on the output link to read values from Unicode columns in the external data source, ensure that all the characters in the values that are read can be represented in the NLS map name character set.
- If columns that have the NChar, NVarChar or LongNVarChar data type are used on the input link to write values to non-Unicode columns in the external data source, ensure that all the characters can be represented in the external data source character set encoding. For more information, see the topic about the maps and locales that are supplied with InfoSphere DataStage in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000485E The field *field name* has the value *field value* which does not have a valid string representation for the type *field type* of this field.

Explanation: A field value was not processed because the string representation of the value does not match the format that is required for values that have the *field type* field type.

User response: Ensure that the specified value is a valid value as required by the column definition of field *field name* on the output link. Alternatively, change the column definition on the output link.

IIS-CONN-DAAPI-000486E The size of the storage for field values is *values size* bytes and the required size is *required size* bytes because each of the *record count* records in the buffer can consume up to *record size* bytes of storage.

Explanation: This is an internal error and indicates a problem with the configuration of column definitions on the link during the job setup phase.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000487E The record count *record count* must be a multiple of the buffer size *buffer size*.

Explanation: This internal error indicates a problem with the stage output link configuration when the job was set up.

User response: Take the following action:

- In the connector stage, ensure that the value for the **Record count** property is a multiple of the value for the **Array size** property.
- If the error persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-DAAPI-000488E Received invalid date value for column *column name*.

Explanation: The value that was passed to the stage with the Date data type is invalid.

User response: Ensure that the value that is specified as input for the Date data type in the stage is valid.

IIS-CONN-DAAPI-000489E Received invalid time value for column *column name*.

Explanation: The value that was passed to the stage with the Time data type is invalid.

User response: Ensure that the value that is specified as input for the Time data type in the stage is valid.

IIS-CONN-DAAPI-000490E Received invalid timestamp value for column *column name*.

Explanation: The value passed to this stage is invalid as timestamp data type.

User response: Verify that input of this stage has valid timestamp value.

IIS-CONN-SEBR-01001E The provided stage does not correspond to the current link

Explanation: This error is an internal code error. One of the links that is attached to the stage is not associated correctly with the stage at the code level.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01002E Error initializing FCL library: *error text*

Explanation: The framework connector library (FCL) initialization failed.

User response: If a shared library file or message bundle file is missing, restore the file to its original state, and then run the job again. By default, the FCL

that is used by InfoSphere DataStage server jobs is in the following directory:

Windows

Server\DSEngine\bin\fc1.dll

Linux/UNIX

Server/DSEngine/lib/libfc1.so

If the problem persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01003E Required property *property name* not found

Explanation: The *property name* property could not be located at the stage or link code level, and the connector framework expects this property to always be set.

User response: Ensure that the *property name* property is configured to your specifications. Recompile the job, and then run the job again.

If the problem persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01004E [*message id*] **Exception**
thrown from *class name::method name, file*
file name, line line number: error text

Explanation: This error is an internal code error.

User response: If possible, complete the action that is indicated in the error text, and then run the job again. If the message ID is not included in the error text, look for a separate message with the *message id* value that follows this message.

If the problem persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01005E [*message id*] **Property error**
error text reported from property path

Explanation: The connector could not validate one or more properties in the stage editor. In the text of the message, the location of the property in the stage editor is shown as a directory path. For example, if the array size is set to -100, the following message shows that the **Array size** property is in the **Usage > Session** section of the **Properties** page:

```
Property error Invalid property
value -100 reported from /Usage/Session/ArraySize
```

User response: Enter a valid value for the properties that are shown in the text of this message.

IIS-CONN-SEBR-01006E **Unknown property error**
severity severity level

Explanation: The connector reported an error for one of its properties, but the specified severity level for that error is not valid.

User response: This error is an internal code error. Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01007E **Connection test failed**

Explanation: The connector was unable to connect by using the connection that was established previously.

User response: Ensure that the connection properties for the stage are specified correctly. Look for additional messages in the job log that might contain an explanation for the connection failure. Examples of error conditions that might explain a connection failure include:

- An invalid user name or password
- An invalid data source name
- A data source that is unavailable
- Issues with network connectivity

IIS-CONN-SEBR-01008E **Unsupported datatype** *data*
type identifier

Explanation: One of the columns on the link contains an unsupported data type.

User response: This error is an internal code error. Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01009W **Schema reconciliation**
failed: Connector provided different
number of columns than provided in
job design

Explanation: The connector modified the number of columns on its link at run time. Because this action is not supported for connectors in server jobs, the job failed. This message is logged as a warning message, and an error message follows.

User response: Ensure that the number of columns on each of the links for the stage matches the number of the columns in the schema of the external resource that is associated with that link.

IIS-CONN-SEBR-01010E Schema reconciliation failed: The column names defined on the link do not match those of the external resource

Explanation: The connector modified the names of the columns on its link at run time. Because this action is not supported for connectors in server jobs, the job failed.

User response: Ensure that the column names on the links for the stage match the column names in the schema of the external resource that is associated with each link.

IIS-CONN-SEBR-01011E Schema reconciliation failed.

Explanation: The column definitions that are specified on the link do not match the column definitions of the external resource that is associated with that link.

User response: Ensure that the attributes of the column definitions that are specified on the link match the attributes of the column definitions of the external resource. Attributes include the number of columns, the column names, and the column data types. For more information, look for additional messages in the job log about schema reconciliation.

IIS-CONN-SEBR-01012E Only one input link is permitted

Explanation: The stage supports only one input link, but multiple input links were detected for the stage at run time.

User response: Ensure that only one input link is defined on the stage.

If the problem persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01013E Only one output link is permitted

Explanation: The stage supports only one output link, but multiple output links were detected for the stage at run time.

User response: Ensure that only one output link is defined on the stage.

If the problem persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01014E Failed to initialize the link (see other errors)

Explanation: When the job ran, the initialization of the link failed.

User response: Look for additional messages in the job log that might contain details about an initialization error. Examples of error conditions that might explain an initialization error include:

- A library that could not be found
- An out-of-memory error
- An authentication error

Correct the issues that are reported in other messages, and then run the job again.

If the problem persists, gather the job logs and job design, and contact IBM Software Support. You can export the job design as a .dsx or .isx file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a .dsx file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a .isx file so that you can share it with others, see the topics about deploying jobs

and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01015I Failed to get the hostname details.

Explanation: The connector failed to obtain the host name information that is associated with the current job.

This message is not an error or warning, and the condition does not prevent the stage from processing the records. However, the condition might cause the host name information to be omitted from the notifications for the stage that are consumed by external tools. The stage can send various types of notifications. For example, the stage might send the following notifications:

- Attribute values for the databases connection that are set by the DB2 Connector stage and interpreted by InfoSphere Optim Performance Manager
- If the **CC_GUARDIUM_EVENTS** environment variable is defined: Event queries that are issued by the database connectivity stages and interpreted by InfoSphere Guardium Activity Monitor

User response: Complete the following actions to verify that the connector can obtain the host name information:

- Ensure that the local host name can be resolved on the computer where the engine tier is installed. To test your connection, open a command line interface on the computer where the engine tier is installed, enter the following command, and ensure that the command runs successfully: **hostname**
- Ensure that the value of the **HOSTNAME** environment variable that is reported in the job log is accurate.

IIS-CONN-SEBR-01016I Failed to get the login details.

Explanation: The connector failed to obtain login information for the user that is associated with the current job.

This message is not an error or warning, and the condition does not prevent the stage from processing the records. However, the condition might cause the login information for the user to be omitted from the notifications for the stage that are consumed by external tools. The stage can send various types of notifications. For example, the stage might send the following notifications:

- Attribute values for the databases connection that are set by the DB2 Connector stage and interpreted by InfoSphere Optim Performance Manager
- If the **CC_GUARDIUM_EVENTS** environment variable is defined: Event queries that are issued by the database connectivity stages and interpreted by InfoSphere Guardium Activity Monitor

User response:

- Ensure that the environment variable for your operating system contains the name of the user:

UNIX and Linux
LOGNAME

Microsoft Windows
USER

- Ensure that the credentials for the user who runs the job are mapped correctly to the credentials on the engine tier.

For information about how to map credentials on the engine tier, see the topic about credential mapping in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-01017E Failed to get the loaded connector.

Explanation: This error is an internal code error. The connector failed to initialize internal objects at run time.

User response: Gather the job logs and job design, and contact IBM Software Support. You can export the job design as a **.dsx** or **.isx** file.

For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

For information about how to export your job design as a **.dsx** file so that you can share it with others, see the topics about designing InfoSphere DataStage and QualityStage jobs in the InfoSphere Information Server Information Center. For information about how to export your job design as a **.isx** file so that you can share it with others, see the topics about deploying jobs and accessing version control in the InfoSphere Information Server Information Center.

IIS-CONN-SEBR-02018E Multiple matches have been retrieved by the lookup query.

Explanation: The lookup operation on the input row returned more than one matching row, and only one matching row can be processed.

The severity of this message depends on how the property that controls the behavior of the connector in this scenario is defined. If multiple matches are detected for an input row and this message is not logged or is logged as an informational or warning message, the job processes the first matched row that is detected and continues to process the remaining input rows. If multiple matches are detected and this message is logged as an error message, the job fails.

User response: If you do not expect multiple matches, ensure that the statement that is specified for the stage returns unique rows when the lookup operation is completed on the data source. Also, set the value of the

Log **multiple matches** property to **Warning** or **Fatal**.

If you expect multiple matches and want the connector to process only the first match and ignore the other matches, set the value of the **Log multiple matches** property to **None** or **Informational**.

IIS-CONN-SEBR-03024I **Array size for the link was changed from *old array size* to *new array size* because transaction grouping is enabled for the stage.**

Explanation: The array size for the link was set to a value other than *new array size*, and transaction grouping is enabled for the stage. When transaction grouping is enabled, the array size must be set to *new array size* for all the links on the stage. Because this requirement was not met, the connector enforced the requirement at the code level.

User response: No action is required. If you do not want this message to be listed in the job log, set the array size to *new array size* for all the links of the stage, or disable transaction grouping for the stage.

IIS-CONN-SEBR-03025I **The number of records returned (*number of records*) has met the specified limit.**

Explanation: The limit of *number of records* for the number of records to return on the link was met. If additional rows were in the data source, the rows were not provided on the link.

User response: No action is required. If you do not want to limit the number of records that are returned on the link, set the **Limit number of returned rows** property to **No**.

IIS-CONN-NGBR-0002E *error detail (class name::method name, file file name, line line number)*

Explanation: An error incident occurred. This is a general message and an error message that does not have a specific message ID is shown with this message ID.

User response: Review error detail text and take appropriate action.

IIS-CONN-NGBR-0003E **Error negotiating node map with connector : '*error detail*'**

Explanation: The connector could not accept the node map.

User response: Review the error detail and modify the job design.

IIS-CONN-NGBR-0004E **Error setting node map for connector : (no message provided)**

Explanation: The node map could not be set to the connector.

User response: There are likely to be another error messages logged by the connector earlier than this error. If there are, refer to the guidance for the errors. Otherwise, gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0005E **Error setting node map for connector : '*error detail*'**

Explanation: The connector could not accept the node map.

User response: Review the error detail and modify the job design.

IIS-CONN-NGBR-0006E **Error initializing FCL library: *resource file name***

Explanation: The dependent library cannot be initialized. This error might occur when the `CC_DAAPI_msgs_root.res` or `CC_DAAPI_ids.res` resource files cannot be opened.

User response: Ensure that the `CC_DAAPI_msgs_root.res` and `CC_DAAPI_ids.res` files are in the Information Server/Server/DSCComponent/res/cc directory.

IIS-CONN-NGBR-0010E **\nError parsing schema for output link '*link number*'; Schema string = '*schema string written in Osh*'.\n*error description***

Explanation: An unexpected internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0011E **\nError parsing schema for input link '{0}'; Schema string = '*schema string written in Osh*'.\n*error description***

Explanation: An unexpected internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting

topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0012E \nError parsing output schema for reject link '*link number*';
Schema string = '*schema string written in Osh*'.\n*error description*

Explanation: An unexpected internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0014E Unknown property error
severity error severity

Explanation: An unexpected internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0015E Error loading connector:
'message text'

Explanation: An unexpected internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0016E Error initializing connector:
'message text'

Explanation: The connector was not initialized because an unexpected internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0018I In reportInputAttachment:
DataSet = *data set id pid = process id ppid*
= *parent process id, this = instance pointer*

Explanation: This message is logged only when the **CC_MSG_LEVEL** environment variable is set to 1 for debugging purposes.

User response: No action is required.

IIS-CONN-NGBR-0019W Schema field *field name* in input data set *data set number* not present in design time information. Extended field properties for this field will not be available.

Explanation: The data set that was sent from the input link has a column that is not defined in the design-time schema. This error might occur when runtime column propagation is enabled.

User response: If runtime column propagation is not enabled, ensure that the input data set schema and design-time schema have the same columns.

IIS-CONN-NGBR-0020E Input dataset number *data set number* does not correspond to any input datasets.

Explanation: This error is an internal error.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0021I In reportOutputAttachment:
DataSet = *data set id pid = process id ppid*
= *parent process id, this = instance pointer*

Explanation: This message is logged only when the **CC_MSG_LEVEL** environment variable is set to 1 for debugging purposes.

User response: No action is required.

IIS-CONN-NGBR-0022W Schema field *field name* in output data set *data set number* not present in design time information. Extended field properties for this field will not be available.

Explanation: The output data set that is agreed in the schema reconciliation phase has a field that is not defined in the design-time schema. This error might occur when runtime column propagation is enabled.

User response: If you do not turn on Runtime Column Propagation and want to remove this warning, make sure that output data set schema and designed schema has same columns.

IIS-CONN-NGBR-0023W Schema field *field name* in reject data set *data set number* not present in design time information. Extended field properties for this field will not be available.

Explanation: The reject data set that is agreed in the schema reconciliation phase has a field that is not defined in the design-time schema. This error might

occur when runtime column propagation is enabled.

User response: If runtime column propagation is not enabled, ensure that the reject data set schema and design-time schema have the same columns.

IIS-CONN-NGBR-0024E Output dataset number *data set number* does not correspond to any output or reject datasets.

Explanation: The output data set number does not correspond to any output or reject data sets. This error is an internal error.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0025I In describeOperator: pid = *process id* ppid = *parent process id*, this = *instance pointer*

Explanation: This message is logged only when the `CC_MSG_LEVEL` environment variable is set to 1 for debugging purposes.

User response: No action is required.

IIS-CONN-NGBR-0026E Failed to build data set definition from input schema *input link number*

Explanation: The connector could not build the data set definition from the input schema because an internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0027E Could not build input schema from DataSetDef provided by consumer

Explanation: The connector could not build the input schema from the data set definition that was provided by the consumer class because an internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0028E Could not build output schema from DataSetDef provided by producer

Explanation: The connector could not build the output schema from the data set definition that was provided by the producer because an internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0029E Reject link specified for connector that does not support rejects

Explanation: The connector does not support reject links.

User response: Remove the reject link from the connector.

IIS-CONN-NGBR-0030E Failed to build data set definition from reject schema

Explanation: The connector could not build the data set definition from the reject schema because an internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0031E Could not build reject schema from DataSetDef provided by producer

Explanation: The connector could not build the reject schema from the data set definition that was provided by the producer because an internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0032E Error initializing connector: *'message text'*

Explanation: The connector was not initialized because an internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting

topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0033E Unable to build data set definition, no storage provided

Explanation: An internal error occurred when building the DataSet definition. This error may be shown when it failed to allocate memory.

User response: Ensure that the operating system has sufficient physical memory. For more information about memory size, see the system requirements for InfoSphere Information Server.

IIS-CONN-NGBR-0034E Field type *field type* unsupported

Explanation: The data type that is specified for the column in the connector stage is not supported in parallel jobs.

User response: Change the data type for the column to one of the following data types:

- string
- ustring
- int8
- uint8
- int16
- uint16
- int32
- uint32
- int64
- uint64
- decimal
- sfloat
- dfloat
- date
- time
- timestamp
- raw

IIS-CONN-NGBR-0035E Error creating schema (*schema string*) from DataSetDef provided by connector: *error message text*

Explanation: The schema could not be created from the data set definition that was provided by the connector because an internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0036I Created schema (*schema string*) from DataSetDef provided by connector

Explanation: This message is logged when a job runs and the **CC_MSG_LEVEL** environment variable is set to 1 or 2. This message shows the schema that was created as a result of schema reconciliation.

User response: No action is required.

IIS-CONN-NGBR-0037I In preRun: *pid = process id ppid = parent process id, this = instance pointer*

Explanation: This message is logged when a job runs and the **CC_MSG_LEVEL** environment variable is set to 1 or 2. This message indicates that the preRun method is being called.

User response: No action is required.

IIS-CONN-NGBR-0038I In resetForNextUnit: *pid = process id ppid = parent process id, this = instance pointer*

Explanation: This message is logged when a job runs and the **CC_MSG_LEVEL** environment variable is set to 1 or 2. This message indicates that the resetForNextUnit method is being called.

User response: No action is required.

IIS-CONN-NGBR-0039I In runLocally: *pid = process id ppid = parent process id, this = instance pointer*

Explanation: This message is logged when a job runs and the **CC_MSG_LEVEL** environment variable is set to 1 or 2. This message indicates that the resetForNextUnit method is being called.

User response: No action is required.

IIS-CONN-NGBR-0040E Connector exception caught in preRunSegment: '*message text*'

Explanation: An unexpected internal error occurred.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0041E Unknown usage context *context*

Explanation: An internal error occurred when the connector was used in an unknown context.

User response: Gather the job logs, and contact IBM

Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0042E Connector exception caught in runLocally: 'message text'

Explanation: When the connector ran the runLocally method, an exception was thrown.

User response: Use the error details to troubleshoot the problem.

IIS-CONN-NGBR-0043E Connector exception caught rolling back transaction: 'message text'

Explanation: When the connector was rolling back transaction, an exception was thrown.

User response: Use the error details to troubleshoot the problem.

IIS-CONN-NGBR-0044E In postFinalRunLocally: pid = process id ppid = parent process id, this = instance pointer

Explanation: This message is logged when a job runs and the **CC_MSG_LEVEL** environment variable is set to 1 or 2. This message indicates that the postFinalRunLocally method is being called.

User response: No action is required.

IIS-CONN-NGBR-0045E In postRun: pid = process id ppid = parent process id, this = instance pointer

Explanation: This message is logged when a job runs and the **CC_MSG_LEVEL** environment variable is set to 1 or 2. This message indicates that the postRun method is being called.

User response: No action is required.

IIS-CONN-NGBR-0046E No data field present to validate

Explanation: A null value was provided to an internal method for the parallel engine. This error is an internal error.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0047E No name provided for field in position data field position

Explanation: No name was specified for a data field object. This error is an internal error.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0048E No type provided for field data field position

Explanation: No data type was specified for a data field object. This error is an internal error.

User response: Gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0049E string 'Property' or 'Properties'. When there are multiple properties which is set wrongly, this should be 'Properties' properties path: message text

Explanation: The setting for a property in the connector is invalid.

User response: Use the details about the cause of the error to set the property to a valid value.

IIS-CONN-NGBR-0050I No design time SQL datatype provided for field field path

Explanation: A data type is not specified in the design schema. In most cases, the unknown data type is used for InfoSphere DataStage fields.

User response: No action is required.

IIS-CONN-NGBR-0051E Unsupported design time SQL datatype data type number provided for field field path

Explanation: A data type that is not supported by Parallel engine connector framework was used for an InfoSphere DataStage column.

User response: If this error occurs after a patch installation, ensure that you installed all prerequisite and related patches.

IIS-CONN-NGBR-0064E Input link sort keys do not match. *field name != field name*

Explanation: The sort keys on the Partitioning page of the connector stage do not match among input links. When the **Order records** property is set to **Yes** and no key column name is specified, the sort keys must be specified on the Partitioning page. In this case, all sort keys on each input link must be the same.

User response: On the Partitioning page for each input link, ensure that each input link uses the same sort key columns.

IIS-CONN-NGBR-0065E Input link sort key types do not match. *field name != field name*

Explanation: The data types for the sort keys on the Partitioning page of the connector stage do not match among input links. When the **Order records** property is set to **Yes** and no key column name is specified, the sort keys must be specified on the Partitioning page. In this case, sort keys must have the same data types on each input link.

User response: On the Partitioning page for each input link, ensure that each input link uses the same sort key columns and that the data types for the columns are the same.

IIS-CONN-NGBR-0066E Input link sort key precisions do not match. *field name != field name*

Explanation: The precision for the sort keys on the Partitioning page of the connector stage does not match among input links. When the **Order records** property is set to **Yes** and no key column name is specified, the sort keys must be specified on the Partitioning page. In this case, the sort keys must have the same precision on each input link.

User response: On the Partitioning page for each input link, ensure that each input link uses the same sort key columns and that the precision for the columns is the same.

IIS-CONN-NGBR-0067E Input schema has no field matching the sort key: *key field name*

Explanation: The connector cannot find the specified sort key column in the input schema.

User response: Ensure that the specified sort key column is defined in the input schema.

IIS-CONN-NGBR-0068E Column type *key field type* **not supported as sort key**

Explanation: The data in the sort key column cannot be of the LongVarChar, LongVarBinary, or LongNVarChar data types.

User response: Use a supported data type for the sort key.

IIS-CONN-NGBR-0070E Input link is not pre-sorted

Explanation: When the **Order records** property is set to **Yes** and the key column is not specified, the input records must be sorted.

User response: On the Partitioning page for each input link, ensure that each input link has a sort key, and specify sort options for the sort.

IIS-CONN-NGBR-0071W Changing Array Size property to 1 for input link *link number*

Explanation: When the **Order records** property is set to **Yes**, the **Array size** property must be set to 1.

User response: If you do not want this message to be generated when the job runs, set the **Array size** property to 1.

IIS-CONN-NGBR-0073E Failed to export sort key encoder. **Status =** *status code*.

Explanation: The sort key encoder was not exported because an unexpected error was occurred.

User response: Use error details in the messages that are shown before and after this message to troubleshoot the error. If the error still occurs, gather the job logs, and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0076E Operator(*operator name*) **terminated abnormally due to fatal error in the function** *function name*

Explanation: An exception occurred during performing termination processing.

User response: Ensure that valid values are specified for any properties that specify actions that the connector completes after data is processed. For example, in the DB2 connector, ensure that a valid value is specified for the **After SQL** property.

IIS-CONN-NGBR-0077E Input link sort key case sensitivities do not match. *link number != link number*

Explanation: The case sensitivity for the sort keys on the Partitioning page of the connector stage does not match among all input links. When the **Order records** property is set to **Yes** and no key column name is specified, the sort keys must be specified on the Partitioning page. In this case, the sort keys must have the same case sensitivity on each input links.

User response: On the Partitioning page for each input link, ensure that each input link uses the same sort key columns and case sensitivity.

IIS-CONN-NGBR-0078E Input link sort key directions do not match. *link number != link number*

Explanation: The key directions for the sort keys on the Partitioning page of the connector stage do not match among all input links. When the **Order records** property is set to **Yes** and no key column name is specified, the sort keys must be specified on the Partitioning page. In this case, the sort keys must have the same key directions on each input links.

User response: On the Partitioning page for each input link, ensure that each input link uses the same sort key columns and the same key directions.

IIS-CONN-NGBR-0079E Input link sort key nulls orders do not match. *link number != link number*

Explanation: The null orders for the sort keys on the Partitioning page of the connector stage do not match among input links. When the **Order records** property is set to **Yes** and no key column name is specified, the sort keys must be specified on the Partitioning page. In this case, the sort keys must have the same null orders on each input links.

User response: On the Partitioning page for each input link, ensure that each input link uses the same sort key columns and the same null orders.

IIS-CONN-NGBR-0080E The number of sort keys does not match.

Explanation: The number of sort keys on the Partitioning page of the connector stage do not match among input links. When the **Order records** property is set to **Yes** and no key column name is specified, the sort keys must be specified on the Partitioning page. In this case, the number of sort keys must be the same on each input link.

User response: On the Partitioning page for each input link, ensure that each input link uses the same sort key columns and that the null orders for the columns is the same

IIS-CONN-NGBR-0081E Value *property value* for property *property path* not within range of possible values.

Explanation: The specified property value is not within the allowed range. This error might occur when a job parameter is used.

User response: Specify a valid property value.

IIS-CONN-NGBR-0089E ColumnName property for KeyColumn*key column number* not found

Explanation: The connector cannot find the **Column name** property under the **Key column number** property.

User response: Ensure that the **Column name** property exists for the **Key column number** property. If the error still occurs, gather the job logs and contact IBM Software Support.

IIS-CONN-NGBR-0090W Sort keys are specified by property, but input link *link number* is pre-sorted

Explanation: The **Order records** property is set to **Yes** and the sort key column name is specified under the 'Order records property'. However, the sort keys are also specified on the Partitioning page for the input link. First records are sorted by using the sort keys that are defined on the Partitioning page, and then they are sorted again by using the keys that are specified by the **Order records** property.

User response: If you do not want this message to be generated when the job is run, remove the sort keys that are defined on the Partitioning page or that are specified for the **Order records** property.

IIS-CONN-NGBR-0091E Error parsing sort property; Property string = *property string*

Explanation: The sort keys were not parsed.

User response: Use the previous and next messages to troubleshoot the problem. If the error still exist, gather the job logs and contact IBM Software Support.

IIS-CONN-NGBR-0096E The connector has attempted to change the node map that was defined in the job definition. Once a node map constraint has been defined, it cannot be changed dynamically at runtime.

Explanation: The connector attempted to change the node map constraint, which was already defined in the connector stage.

User response: Complete one of the following tasks:

- Remove the node constraint so that the connector can change the node map at run time.
- Define a node constraint that is valid for the connector. Each connector has different requirements.

IIS-CONN-NGBR-0097I The number of records returned (*number of records*) has met the specified limit

Explanation: The number of processed records is

greater than the limit that is specified for the **Limit Row** property.

User response: No action is required.

IIS-CONN-NGBR-0098E Missing threshold option for reject link *link number*.

Explanation: The connector could not get the threshold for the number of records that are rejected before a job is stopped from the reject link.

User response: Specify a value for the **Abort after** property.

IIS-CONN-NGBR-0101E Failed to create UID for link *link number*.

Explanation: A connection ID was not generated for the link.

User response: Ensure that the patch level is consistent between the components. See the patch installation history in the *Version.xml* file and ensure that all the prerequisite patches are installed correctly.

IIS-CONN-NGBR-0105E The specified option property string is not valid.

Explanation: The specified option is invalid. This is an internal error.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0106I Failed to get host name.

Explanation: When the system call was invoked, the connector could not get the host name.

User response: No action is required.

IIS-CONN-NGBR-0107I Failed to get user name.

Explanation: When the system call was invoked, the connector could not get the user name.

User response: No action is required.

IIS-CONN-NGBR-0108I Failed to get project name.

Explanation: No value is specified for the **DSProjectName** job parameter.

User response: Ensure that the **DSProjectName** parameter is not overwritten. If the **DSProjectName** parameter is not used in the job, the job might run successfully.

IIS-CONN-NGBR-0109I Failed to get job name.

Explanation: No value is specified for the **DSJobName** parameter.

User response: Ensure that the **DSJobName** parameter is not overwritten. If the **DSJobName** parameter is not used in the job, the job might run successfully.

IIS-CONN-NGBR-0110I Failed to get job invocation ID.

Explanation: No value is specified for the **DSJobInvocationId** parameter.

User response: Ensure that the **DSJobInvocationId** parameter is not overwritten. If the **DSJobInvocationId** parameter is not used in the job, the job might run successfully.

IIS-CONN-NGBR-0111E No sort key is specified

Explanation: Record ordering is enabled, but no sort key column name is specified.

User response: Specify the sort key column name in the **Column name** property.

IIS-CONN-NGBR-0112E Column name of Key column [key column number] is empty.

Explanation: A column name is not specified for the specified key column.

User response: Specify a sort key column in the **Column name** property .

IIS-CONN-NGBR-0114W Modifying End of data property to Yes since if set to No it can lead to incomplete transactions.

Explanation: The connector changed the value of the **End of data** property to **Yes** to ensure that all transactions are complete.

User response: If you do not want this message to be generated when the job is run, change the value of the **Usage > Transaction > EndOfWave > EndOfData** property to **Yes**.

IIS-CONN-NGBR-0115E Internal error. Invalid character \"invalid character\" found after \"a character\".

Explanation: An internal error occurred when parsing sort key property.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0116E Internal error. Invalid partition style `"property\"` specified for input link `link number`.

Explanation: The partition style property was not parsed because an internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0117E Internal error. Invalid partition key option `"key option string\"` specified for key `key name`.

Explanation: The partition style property was not getting partition key option because of internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0118E Internal error. Invalid sort key option `"key option string\"` specified for key `key name`.

Explanation: The sort key property was not getting sort key option because an internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0119E Internal error. Error setting partitioning key options `"key option string\"` for input link `input link number`.

Explanation: The partition key options for the input link could not be set because an internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0120E Internal error. Error setting partitioning key options `"partition key property\"` for input link `input link number`. No partitioning key specified.

Explanation: The partition key options for the input

link could not be set because an internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center

IIS-CONN-NGBR-0121E Internal error. Error setting sort key options `"key option string\"` for input link `input link number`.

Explanation: The sort key options for the input link could not be set because an internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center

IIS-CONN-NGBR-0122E Internal error. Error setting sort key options `"sort key property\"` for input link `input link number`. No sort key specified.

Explanation: The sort key options for the input link could not be set because an internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center

IIS-CONN-NGBR-0123E Internal error. Error parsing partitioning property; Property string = `partitioning property`, info = `error text`.

Explanation: The partition property was not parsed because an internal error occurred.

User response: Gather the job logs and contact IBM Software Support. For information about the specific logs and information that you must collect before you contact IBM Software Support, see the troubleshooting topics in the InfoSphere Information Server Information Center.

IIS-CONN-NGBR-0124W Ignoring sort keys requested by connector for input link `input link number` because stage wide record ordering is already specified.

Explanation: The sort key requested by the connector will not be used.

User response: No action is required.

IIS-CONN-NGBR-0125E Processing for the *stage name*
stage was not completed successfully.

Explanation: The connector operation did not end
successfully.

User response: Use information from the message that
is shown before this message to troubleshoot the error.

Appendix A. Product accessibility

You can get information about the accessibility status of IBM products.

The IBM InfoSphere Information Server product modules and user interfaces are not fully accessible.

For information about the accessibility status of IBM products, see the IBM product accessibility information at http://www.ibm.com/able/product_accessibility/index.html.

Accessible documentation

Accessible documentation for InfoSphere Information Server products is provided in an information center. The information center presents the documentation in XHTML 1.0 format, which is viewable in most web browsers. Because the information center uses XHTML, you can set display preferences in your browser. This also allows you to use screen readers and other assistive technologies to access the documentation.

The documentation that is in the information center is also provided in PDF files, which are not fully accessible.

IBM and accessibility

See the IBM Human Ability and Accessibility Center for more information about the commitment that IBM has to accessibility.

Appendix B. Contacting IBM

You can contact IBM for customer support, software services, product information, and general information. You also can provide feedback to IBM about products and documentation.

The following table lists resources for customer support, software services, training, and product and solutions information.

Table 1. IBM resources

Resource	Description and location
IBM Support Portal	You can customize support information by choosing the products and the topics that interest you at www.ibm.com/support/entry/portal/Software/Information_Management/InfoSphere_Information_Server
Software services	You can find information about software, IT, and business consulting services, on the solutions site at www.ibm.com/businesssolutions/
My IBM	You can manage links to IBM Web sites and information that meet your specific technical support needs by creating an account on the My IBM site at www.ibm.com/account/
Training and certification	You can learn about technical training and education services designed for individuals, companies, and public organizations to acquire, maintain, and optimize their IT skills at http://www.ibm.com/training
IBM representatives	You can contact an IBM representative to learn about solutions at www.ibm.com/connect/ibm/us/en/

Appendix C. Accessing the product documentation

Documentation is provided in a variety of formats: in the online IBM Knowledge Center, in an optional locally installed information center, and as PDF books. You can access the online or locally installed help directly from the product client interfaces.

IBM Knowledge Center is the best place to find the most up-to-date information for InfoSphere Information Server. IBM Knowledge Center contains help for most of the product interfaces, as well as complete documentation for all the product modules in the suite. You can open IBM Knowledge Center from the installed product or from a web browser.

Accessing IBM Knowledge Center

There are various ways to access the online documentation:

- Click the **Help** link in the upper right of the client interface.
- Press the F1 key. The F1 key typically opens the topic that describes the current context of the client interface.

Note: The F1 key does not work in web clients.

- Type the address in a web browser, for example, when you are not logged in to the product.

Enter the following address to access all versions of InfoSphere Information Server documentation:

```
http://www.ibm.com/support/knowledgecenter/SSZJPZ/
```

If you want to access a particular topic, specify the version number with the product identifier, the documentation plug-in name, and the topic path in the URL. For example, the URL for the 11.3 version of this topic is as follows. (The ⇒ symbol indicates a line continuation):

```
http://www.ibm.com/support/knowledgecenter/SSZJPZ_11.3.0/⇒  
com.ibm.swg.im.iis.common.doc/common/accessingiidoc.html
```

Tip:

The knowledge center has a short URL as well:

```
http://ibm.biz/knowctr
```

To specify a short URL to a specific product page, version, or topic, use a hash character (#) between the short URL and the product identifier. For example, the short URL to all the InfoSphere Information Server documentation is the following URL:

```
http://ibm.biz/knowctr#SSZJPZ/
```

And, the short URL to the topic above to create a slightly shorter URL is the following URL (The ⇒ symbol indicates a line continuation):

```
http://ibm.biz/knowctr#SSZJPZ_11.3.0/com.ibm.swg.im.iis.common.doc/⇒  
common/accessingiidoc.html
```

Changing help links to refer to locally installed documentation

IBM Knowledge Center contains the most up-to-date version of the documentation. However, you can install a local version of the documentation as an information center and configure your help links to point to it. A local information center is useful if your enterprise does not provide access to the internet.

Use the installation instructions that come with the information center installation package to install it on the computer of your choice. After you install and start the information center, you can use the **iisAdmin** command on the services tier computer to change the documentation location that the product F1 and help links refer to. (The `⇒` symbol indicates a line continuation):

Windows

```
IS_install_path\ASBServer\bin\iisAdmin.bat -set -key ⇒  
com.ibm.iis.infocenter.url -value http://<host>:<port>/help/topic/
```

AIX® Linux

```
IS_install_path/ASBServer/bin/iisAdmin.sh -set -key ⇒  
com.ibm.iis.infocenter.url -value http://<host>:<port>/help/topic/
```

Where `<host>` is the name of the computer where the information center is installed and `<port>` is the port number for the information center. The default port number is 8888. For example, on a computer named `server1.example.com` that uses the default port, the URL value would be `http://server1.example.com:8888/help/topic/`.

Obtaining PDF and hardcopy documentation

- The PDF file books are available online and can be accessed from this support document: <https://www.ibm.com/support/docview.wss?uid=swg27008803&wv=1>.
- You can also order IBM publications in hardcopy format online or through your local IBM representative. To order publications online, go to the IBM Publications Center at <http://www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss>.

Appendix D. Providing feedback on the product documentation

You can provide helpful feedback regarding IBM documentation.

Your feedback helps IBM to provide quality information. You can use any of the following methods to provide comments:

- To provide a comment about a topic in IBM Knowledge Center that is hosted on the IBM website, sign in and add a comment by clicking **Add Comment** button at the bottom of the topic. Comments submitted this way are viewable by the public.
- To send a comment about the topic in IBM Knowledge Center to IBM that is not viewable by anyone else, sign in and click the **Feedback** link at the bottom of IBM Knowledge Center.
- Send your comments by using the online readers' comment form at www.ibm.com/software/awdtools/rcf/.
- Send your comments by e-mail to comments@us.ibm.com. Include the name of the product, the version number of the product, and the name and part number of the information (if applicable). If you are commenting on specific text, include the location of the text (for example, a title, a table number, or a page number).

Notices and trademarks

This information was developed for products and services offered in the U.S.A. This material may be available from IBM in other languages. However, you may be required to own a copy of the product or product version in that language in order to access it.

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Table 2. Use of cookies by InfoSphere Information Server products and components

Product module	Component or feature	Type of cookie that is used	Collect this data	Purpose of data	Disabling the cookies
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Any (part of InfoSphere Information Server installation)	InfoSphere Metadata Asset Manager	<ul style="list-style-type: none"> • Session • Persistent 	No personally identifiable information	<ul style="list-style-type: none"> • Session management • Authentication • Enhanced user usability • Single sign-on configuration 	Cannot be disabled

Table 2. Use of cookies by InfoSphere Information Server products and components (continued)

Product module	Component or feature	Type of cookie that is used	Collect this data	Purpose of data	Disabling the cookies
InfoSphere DataStage	Big Data File stage	<ul style="list-style-type: none"> • Session • Persistent 	<ul style="list-style-type: none"> • User name • Digital signature • Session ID 	<ul style="list-style-type: none"> • Session management • Authentication • Single sign-on configuration 	Cannot be disabled
InfoSphere DataStage	XML stage	Session	Internal identifiers	<ul style="list-style-type: none"> • Session management • Authentication 	Cannot be disabled
InfoSphere DataStage	IBM InfoSphere DataStage and QualityStage Operations Console	Session	No personally identifiable information	<ul style="list-style-type: none"> • Session management • Authentication 	Cannot be disabled
InfoSphere Data Click	InfoSphere Information Server web console	<ul style="list-style-type: none"> • Session • Persistent 	User name	<ul style="list-style-type: none"> • Session management • Authentication 	Cannot be disabled
InfoSphere Data Quality Console		Session	No personally identifiable information	<ul style="list-style-type: none"> • Session management • Authentication • Single sign-on configuration 	Cannot be disabled
InfoSphere QualityStage Standardization Rules Designer	InfoSphere Information Server web console	<ul style="list-style-type: none"> • Session • Persistent 	User name	<ul style="list-style-type: none"> • Session management • Authentication 	Cannot be disabled
InfoSphere Information Governance Catalog		<ul style="list-style-type: none"> • Session • Persistent 	<ul style="list-style-type: none"> • User name • Internal identifiers • State of the tree 	<ul style="list-style-type: none"> • Session management • Authentication • Single sign-on configuration 	Cannot be disabled
InfoSphere Information Analyzer	Data Rules stage in the InfoSphere DataStage and QualityStage Designer client	Session	Session ID	Session management	Cannot be disabled

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