

Informatica® Corporation
PowerCenter®
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This document contains important information about installation, fixed limitations, and known limitations for PowerCenter, Data Analyzer, and Metadata Manager. Do not upgrade to this release from a previous version without carefully reading the relevant sections on upgrading and bug fixes, since bug fixes may change the behavior of existing sessions.

For information about fixed and known limitations for PowerExchange Client for PowerCenter, see the PowerExchange Release Notes.

Compilers

You can use any C compiler for Custom transformation procedures. Use the C++ compilers versions that appear in the Product Availability Matrix. The Product Availability Matrix is available on the Support page at <http://my.informatica.com/>.

Use C++ compiler versions for any External Procedure or Custom transformation, and when you develop with PowerExchange SDK.

If you compiled the DLL or shared library with a C++ compiler version that does not appear in the Product Availability Matrix, you need to recompile it.

You do not need to recompile a Java transformation if the JDK is compatible with the version you used for the previous compile.

Installation

Warning: The installer may not install PowerCenter services because of insufficient disk space although it displays a success status. For more information, contact Informatica Global Customer Support.

Patches and Libraries

Installing on AIX

To run PowerCenter services on AIX, install the 6.0.0.0 or later run-time environment.

Installing on AIX (64-bit)

To run PowerCenter services on AIX (64-bit), install patch IY83580.

Installing on AIX 5.3 ML06

To run PowerCenter services on AIX 5.3 ML06, install the following patches:

- xlC.aix50.rte (8.0.0.7 or higher)
- xlC.rte (8.0.0.7 or higher)

Installing on HP Itanium

To run PowerCenter services on HP Itanium with an aCC 5.55 compiler, install the following patches:

- PHSS_32502 Aries cumulative patch
- PHSS_33349 linker + fdp cumulative patch
- PHSS_34041 aC++ Runtime (IA: A.06.06, PA: A.03.66)
- PHSS_34043 Integrity Unwind Library

Installing on HP-UX

To run PowerCenter services on HP-UX, install HP patch PHSS_35383 or later.

Installing on HP-UX PA-RISC 11.11

To run PowerCenter services on HP-UX PA-RISC, install the PHSS_35383 ld and linker tools cumulative patch.

Installing on Solaris

To run PowerCenter services on Solaris 2.8, install patches 109147, 108434, and 108993-53.

To run PowerCenter services on Solaris 2.9, install patches 112963 and 1171-15.

To run PowerCenter services on Solaris 8 32-bit, install patch 108434.

To run PowerCenter services on Solaris 8 64-bit, install patch 108435.

To run PowerCenter services on Solaris 9 32-bit, install patches 111711-15 and 112963-25.

To run PowerCenter services on Solaris 9 64-bit, install patch 111712.

Installing on SUSE Linux 9 or z/Linux

To run PowerCenter services on SUSE Linux Enterprise Server 9 or z/Linux (s390x), install the RPM package libstdc++-4.1.rpm.

Installing AXIS on the Web Services Hub

To run the AXIS samples or any client application developed with AXIS, you need AXIS 1.1. You can find AXIS libraries in \$INFA_HOME\server\samples\BatchWebServices\lib\axis-1.1.

Installation Limitations

197307: Data Analyzer displays DB2 AS/400 and DB2 OS/390 as datasource types even though support has been dropped for these databases

Upgrade

Note: Upgrade from 8.5.1 or 8.6 to 8.6.1 does not require a repository upgrade.

Session with Custom Transformations

Sessions with Custom transformations fail to run after you upgrade from PowerCenter 8.1.x or PowerCenter 8.5.x to PowerCenter 8.6.1.

Effective in PowerCenter 8.6, if you configure a session to resume from the last checkpoint and you do not enable the Output is Deterministic property for a Custom transformation, the session is invalidated and will not run. To resume a session, a recovery session must be able to produce the same data in the same order as the original session from the resume checkpoint.

Upgraded PowerCenter 8.1.x and PowerCenter 8.5.x sessions that meet the following conditions are invalidated and will not run in PowerCenter 8.6.1:

- The session contains a Custom transformation or a transformation built on the Custom transformation. Transformations built on the Custom transformation include Complex Data Exchange, HTTP, Java, BAPI/RFC, SAP/ALE IDoc Interpreter, SAP/ALE IDoc Prepare, SQL, Union, Web Services Consumer, XML Generator, and XML Parser transformations.
- The Output is Deterministic property for a Custom transformation is not enabled.
- The session is configured to resume from last checkpoint.

For details on how to locate and resolve issues with the affected sessions, see Informatica Knowledge Base article 100896.

Custom Transformations

Before You Upgrade

If you are upgrading from 8.0, 8.1, 8.1.1, or 8.5 and you disabled the Requires Single Thread per Partition property for the following transformations, enable the property before you upgrade:

- HTTP Transformation
- Java Transformation

- SQL Transformation
- Union Transformation
- Unstructured Data Transformation
- XML Parser Transformation
- XML Generator Transformation

You can run an object query from the Repository Manager to find the transformations.

If you do not enable the Requires Single Thread per Partition property before you upgrade, sessions may fail with the following error:

```
TM_6281: ERROR: Partitioning option license required to run sessions with user-defined partition points.
```

After You Upgrade

After you upgrade, you must update the repository. Complete the following steps to update the repository:

1. Configure the 8.6.1 Repository Service to run in exclusive mode.
2. Connect to the 8.6.1 Repository Service with the *pmrep Connect* command using a user account with Admin Repository privilege.
3. Locate the registration file name of the feature that requires a repository content update.

The files are located in \$INFA_ROOT\server\bin\native.

Note: \$INFA_ROOT is the PowerCenter 8.6.1 installation directory.

The following table lists the registration files for each transformation:

Transformation	File Name	Version to Upgrade From
HTTP	httptransform.xml	8.5
Java	pmjtx.xml	8.5
SQL	pmsqlt.xml	8.5
Union	pmuniontransform.xml	8.5
Unstructured Data	pmudt.xml	8.1.1 and 8.5.x
XML Parser and XML Generator	pmxmlmgep.xml	8.5

4. Use the *pmrep RegisterPlugin* command to update the repository.

The RegisterPlugin command uses the following syntax:

```
registerplugin -i <input_registration_file_name_or_path> -e -N
```

5. Repeat steps 3 through 4 for each transformation.

Upgrade Limitations

187406: Cannot upgrade a PowerCenter installation with a space in the installation directory name

You cannot upgrade a PowerCenter installation from 8.1.1 to 8.6 using the previous installation directory if the previous installation contains a space in the installation directory name.

Workaround: Use the installer to upgrade the PowerCenter installation into a new directory.

177814: Session configured with resume recovery strategy fails because columns are missing from the recovery tables

After upgrading from 8.5 and previous versions, a session configured with the resume recovery strategy might fail because columns do not exist in the PM_RECOVERY and PM_REC_STATE tables.

The Integration Service attempts to dynamically add these columns the first time the session runs in 8.5.1.

The SQL statement to alter the tables might fail for the following reasons:

- The user does not have the privileges to alter the tables.
- The database returns an error before the Integration Service performs the ALTER statement and the session fails.

Workaround: Manually update each instance of the PM_RECOVERY and PM_REC_STATE tables. The scripts to alter the tables are in the following folder:

```
<PowerCenter Installation_dir>/server/bin/RecoverySQL
```

For more information see Informatica Knowledge Base article 22999.

Closed Enhancement Requests and Fixed Limitations

PowerCenter Fixed Limitations

CR	Description
195909	The Repository Service logs invalid request errors when no errors occurred.
195540	The Asset Management Report PDF cannot display the Repository Service name that has Unicode characters.
194792	An administrator cannot send the Asset Management Report in an email from the Administration Console on LINUX 32-bit.
194286	<i>infacmd AddGroupPrivilege</i> command causes the domain to hang if certain services are running.
193940	The Integration Service does not invoke the post-session failure command after it fails a session due to invalid user name and password for a relational lookup connection.
193450	The XML Generator transformation returns restricted characters that result in an invalid XML document.
193400	User without read permission on a shared query can use the query to create a dynamic deployment group.

191701	A calendar does not appear in the Search options of the Administration Console Logs tab when the Administration Console runs on a node that uses a non-English version of Windows.
190038	Exporting a mapping to a mapping specification file can result in incorrect function definitions.
188726	Session terminates while running an Unstructured Data transformation on AIX.
188051	IBM DB2 EE external loader sessions fails on AIX 32-bit with error "SQLCODE:-3016."
188020	Integration Service run-time file location, backup directory, and keystore file location not updated after you run the installer.
187945	Workflow log displays execution lock message when sessions fail.
187899	Incorrect ODBC library names in odbc.ini for DataDirect 5.2 ODBC drivers.
187572	Cannot upgrade a repository from PowerCenter 8.1.1 configured for LDAP authentication on Windows 64-bit.
187473	You can assign a license to multiple Repository Services when the license is valid for one Repository Service.
187375	The Integration Service does not correctly write data to Teradata targets.
187080	When you import an XML source definition, the Designer displays simple type elements as complex type.
187030	Mapping Architect for Visio launches but does not generate mappings if current version is not installed.
186924	A web services workflow becomes unresponsive after startup when it is configured to run on a single hub and the run count is one.
186612	Workflow Monitor displays incorrect session and workflow status.
186405	After you run the installer, an error appears the first time you launch Mapping Architect for Visio.
186354	See 186612.
186277	An unconnected Stored Procedure transformation is not returning output values in input/output ports.
186153	An exception occurs when you recalculate the CPU profile for a node that runs on a Windows EM64T (64-bit) or Windows IA (64-bit) operating system
185500	Session with an Unstructured Data transformation fails if the Data Transformation Service uses the LearnByExample function.
185460	Cannot view or run object query in Query Browser without read permission.
185250	Real-time session with partitioned JMS or WebSphere MQ source and relational target fails with database error.
184862	If you specify an Xpath query predicate and the output rows for the group span across multiple buffer blocks, the XML reader might not process the rows.
184841	Recovery session fails when processing incomplete or corrupted GMD storage cache files after Integration Service failover.
183582	DTM process shuts down unexpectedly when a session includes a flat file source with large row size.

181614	Importing a large WSDL file causes the Designer to shut down unexpectedly.
180240	See 187572.
177382	When you import a web service source or target definition from a WSDL in entity relationship mode and the input and output messages for the selected operation are the same, the XML views created in the source or target definition do not contain the correct ports.
176290	Unable to open Mapping Architect for Visio when you log in to PowerCenter Client with a different user name and password.
174760	Recovery session passes an incorrect variable port value in the first row of data on Linux 64-bit.
172303	The installer fails to connect to the domain configuration database when the password contains dollar sign (\$) characters.
135022	Links to a port in a target definition fail to import when column name is changed in the target definition.
131912	Session with incremental aggregation fails with an unexpected condition.
130901	Log messages saved from the output window of PowerCenter client are not in a readable format.
108493	XML parser performance slows after upgrading from 8.1.1 and previous versions on Solaris 32 bit.
104029	DTM process generates a core file when line sequential buffer length is greater than 27,750,000 bytes.

PowerCenter Closed Enhancement Requests

CR	Description
190916, 191772	The Web Services Provider sends a SOAP response with XML encoding.
194603	You can use a user name token for authentication of client requests to the Web Services Hub.
192033	You can push transformation logic to a Netezza database.
185851	You can use pmrep AssignPermission to assign permissions to the default group " Others."

Metadata Manager Fixed Limitations

CR	Description
185933	Scrolling through a large set of search results can cause timeout.
184484	Metadata Manager exports custom metadata objects where the name has an ampersand (&) to an XML file.

Metadata Manager Closed Enhancement Requests

CR	Description
191260	You can use the Custom Metadata Configurator to migrate custom resource templates between Metadata Manager repositories.
190484	You can change the name of a custom metadata object.
188348	You can perform a keyword or advanced search to find text in comments.

Known Limitations

You may encounter the following limitations when you work with PowerCenter, Data Analyzer, and Metadata Manager. If you encounter difficulties or have further questions regarding one of these limitations, contact Informatica Global Customer Support and reference the CR number.

Third-Party Limitations

186605: Real-time recovery session fails with plug-in error

Real-time recovery session fails after trying to recover multiple times if the Integration Service runs the WebSphere MQ server library. For more information, see IBM Problem Management Record (PMR) 92347.

183420: Cannot see all tabs in Mapping Architect for Visio

If you have Microsoft Visio 2003 SP2, you cannot see all tabs of a properties dialog box because it is not resizable.

Workaround: Use Microsoft Visio 2003 with no service pack.

174593: Pmrepagent process for the Repository Service might leak memory when you use the Oracle 10.2.0.x client

The Repository Service process might leak memory when it runs on a 64-bit Linux machine, and you use Oracle 10.2.0.x client to connect to the repository.

PowerCenter Limitations

201765: 8.6 Web Service Hub shuts down unexpectedly when it runs batch web services in an 8.6.1 mixed-version domain

Workaround: Upgrade the 8.6 Web Service Hub to version 8.6.1. To upgrade an 8.6 Web Service Hub to version 8.6.1, upgrade its associated Repository Service. When you upgrade the service version of the Repository Service, all dependent services are upgraded. (March 2, 2009)

198645, 189071: Users cannot connect to the repository after a failover

Only the default administrator named *Administrator* can connect to the repository after the master gateway node fails over in the following situations:

- The Repository Service runs on the master gateway node.

- The Repository Service runs on the gateway node elected to be the new master gateway node.

Workaround: Log in to the Administration Console as Administrator, and then reenable the Repository Service. (Jan. 28, 2009)

197933: Pushdown optimization session fails or causes the Workflow Manager to shut down when a Sorter transformation is downstream from a Union transformation

Sessions fail or the Workflow Manager shuts down when you preview pushdown optimization if the following conditions are true:

- The session is configured for source-side or full pushdown optimization.
- The session contains a Union transformation, followed by a Sorter transformation, and then followed by another transformation.
- All output ports of the Union transformation are not connected to a downstream transformation.

Workaround: Insert a pass-through Expression transformation between the Union transformation and the Sorter transformation, and connect all output ports of the Union transformation to the input ports of the Expression transformation.

197219: When the IBM DB2 9.5 client is installed on the Integration Service on Windows 2008 64-bit, sessions that read from IBM DB2 version 8.x or 9.1 terminate

If the Integration Service runs on Windows 2008 64-bit and the IBM DB2 client version 9.5 is installed on the machine where the Integration Service process runs, sessions that read from an IBM DB2 version 8.x or 9.1 database terminate.

Workaround: Use the IBM DB2 9.5 client with the IBM DB2 9.5 database.

197208: Data Masking sessions fail because the Designer does not invalidate mappings that have invalid expressions

Verify that you validate all expressions in the Expression Editor and correct any error.

197053: Service Manager memory leak occurs when a Repository Service process shuts down unexpectedly on a domain that runs without the High Availability option.

196863: Pushdown optimization session fails or causes the Workflow Manager to shut down when any Union transformation port is not connected to a downstream transformation

Sessions fail or the Workflow Manager shuts down when you preview pushdown optimization if the following conditions are true:

- The session is configured for source-side or full pushdown optimization.
- All output ports of the Union transformation are not connected to a downstream transformation.

These issues may not occur when a Sorter transformation or another Union transformation immediately follows the Union transformation.

Workaround: Insert a pass-through Expression transformation after the Union transformation and connect all output ports of the Union transformation to the input ports of the Expression transformation.

196390: The Data Masking transformation does not evaluate the expression in a mapping parameter or variable

When a mapping parameter or variable contains an expression, the Data Masking transformation does not evaluate the expression. The Integration Service returns the expression instead of the expression value.

196388: The Integration Service returns invalid data when a Data Masking transformation port name is a literal in an expression for the port

You might get unexpected results when you define an expression for a Data Masking transformation port and the expression contains the port name in an expression string.

196333: Data Masking transformation does not accept a maplet parameter or variable for the key masking seed value

The Data Masking transformation returns a default masked value when you include the Data Masking transformation in a mapplet and assign a mapplet parameter or variable for a seed value. The Data Masking transformation assigns the default value from the defaultvalue.xml file.

Workaround: You can apply a mapping parameter or variable when you include the Data Masking transformation in a mapping.

196002: Expression masking returns source data values when the expression is empty

If a Data Masking transformation port is configured with an empty expression, the Integration Service returns the source data value instead of null values. This error occurs for all datatypes except for integers.

Workaround: Add valid expressions for each expression port.

195806: Integration Service that runs on Windows and uses the IBM DB2 9.5 database client terminates unexpectedly when you load a resource into a Metadata Manager warehouse on IBM DB2 9.5

195556: Session log does not contain Oracle database error when a SELECT statement fails within a before insert trigger.

Session log does not contain the following Oracle database errors when a SELECT statement fails within a before insert trigger:

```
ORA-01403: no data found  
ORA-06512: at "<trigger name>", line <line number>  
ORA-04088: error during execution of trigger '<trigger name>'
```

195470: A session uses an increasing amount of memory when a Java transformation passes rows to the Unstructured Data transformation

A session with a Java transformation and an Unstructured Data transformation might leak memory. The Integration Service does not release buffer memory after running the Unstructured Data transformation. When the session processes over a million rows, it requires an increasing amount of memory and performance is affected.

195370: The deployment group operation fails when composite objects are open in the Designer or Workflow Manager

You cannot copy a deployment group that contains a composite object to a non-versioned repository if the composite object is open in the Designer or Workflow Manager.

Workaround: Verify that no object in the deployment group is open in the Designer or Workflow Manager when you copy the deployment group to the non-versioned repository.

194945: Pushdown optimization session fails when Source Qualifier transformations are based on the same source

The session fails when it is configured for source-side or full pushdown optimization and it contains multiple Source Qualifier transformations that are based on the same source and are joined downstream.

194687: English help appears instead of Japanese when you use Firefox to log in to the Administration Console

Workaround: Use Internet Explorer to log in to the Administration Console.

194357: Session fails when you create the error log in a relational database

Error logging sessions fail in the following situations:

- You create the error log in a relational database and edit the default value for Error Log DB Connection.
- You create the error log in a relational database and the Error Log DB Connection contains Japanese characters.

Workaround: In the English environment, do not edit the default value for the Error Log DB Connection.

-or-

In the Japanese environment, use English characters to specify a value for the Error Log DB Connection.

193021: Integration Service shuts down when truncate target table option set

The Integration Service shuts down on Windows when the following conditions are true:

- The truncate target table option is set.
- IBM DB2 9.5 client and DB2 9.5 server are running.

The following error appears in the Log Viewer:

```
Faulting application pmtdtm.exe, version 0.0.0.0, faulting module DB2OSSE_DB2.dll,
version 9.5.100.179, fault address 0x0001c198
```

Workaround: You can use one of the following combinations of DB2 client and server with the truncate table option: 9.5 DB2 client with 8.x DB2 server or 9.5 DB2 server and 9.1 DB2 client. To use DB2 9.5 client with DB2 9.5 server, manually truncate the table.

192550: The session log contains incorrect statistics in the load summary when streaming is enabled for the XML Parser transformation

When streaming is enabled between an IBM Websphere MQ or a JMS source and the XML Parser transformation, the number of rows in the session load summary might be incorrect. For example, the number of source XML rows is 10. When the size of the XML source document is greater than the Source Qualifier port precision, the XML Parser transformation receives more rows. The load summary might show 30 rows. It should show 10 rows.

192034: The Integration Service ignores the session level SQL override for a FastExport session

When you use an SQL override for a FastExport session to generate the FastExport control file, the Integration Service ignores the SQL override configured at the session level. Instead, the Integration Service uses the default SQL query or the SQL override configured for the mapping.

191336: Cannot deploy folders from one local repository to another local repository when the repositories exist in different PowerCenter domains

If you have repository domains that consist of global and local repositories that exist in different PowerCenter domains, you cannot deploy folders from one local repository to another local repository.

Workaround: In the Administration Console, add the PowerCenter domains of the source local repository and of the source global repository to the list of managed domains for the target local repository.

190563: Designer does not update the ports in a Normalizer transformation when you change the ports in the VSAM source

The Designer does not update the ports in a Normalizer transformation if you add or change ports in the VSAM source. When you change a VSAM source in a mapping, the Normalizer transformation should show the same ports as the VSAM source.

Workaround: Delete the VSAM source and the Normalizer transformation from the mapping. Drag the VSAM source in the mapping to re-create the Normalizer transformation.

187387: Inconsistent data for sessions with Teradata source and Integration Service in Unicode mode

If you run Teradata source session in Unicode mode, the Integration Service writes inconsistent data to the target.

Workaround: Configure the library path environment variable on the machine running the Integration Service to include the Teradata ODBC drivers before the DataDirect ODBC libraries.

186410, 186426, 178962: When PowerCenter runs on 64 bit Linux with and you run a session that loads data to a Sybase target, the session can fail

A session fails when it runs under the following conditions:

- The session loads data in bulk mode.
- The Integration Service runs in ASCII data movement mode
- The Sybase target contains a port of datatype Text that is not linked.

Workaround: You can resolve the problem in one of the following ways:

- Load the data in normal mode.
- Run the Integration Service in Unicode data movement mode.
- Link a port to the Sybase target port.

185780: XML reader fails to read UTF-8 byte order mark (BOM) character in an XML file

When you import an XML document with UTF-8 byte order mark (BOM) character as the first character, the Designer displays the following error:

```
"Error at (file <file_name>.xml, line 1, char 1 ): Invalid document structure."  
If an XML source definition is in the XML Editor and you preview the data using an XML file with a  
UTF-8 byte order mark (BOM) character as the first character, the following error occurs:
```

```
"HIER_28056 XML Reader: Error Invalid Document Structure occurred while  
parsing: Error at (file <file_name>.xml, line 1,  
char 1 ): Invalid document structure.; line number [1]; column number  
[1] HIER_28056 XML Reader Error."
```

185328: The Integration Service running in ASCII mode on Windows 64-bit fails sessions containing non-ASCII characters with incorrect “faulting application” error

If the Integration Service runs in ASCII mode on Windows 64-bit and the data contains extended ASCII characters or UTF-8 characters, the Integration Service fails the session with the following error:

```
Faulting application wsftpgui.exe, version 9.0.0.0, faulting module unknown,  
version 0.0.0.0, fault address 0x01ebc69c.  
For more information, see Help and Support Center at  
http://go.microsoft.com/fwlink/events.asp.  
Reporting queued error: faulting application pmserver.exe, version 0.0.0.0,  
faulting module pmil8n.dll, version 6.0.0.0, fault address 0x000000000001608f.  
For more information, see Help and Support Center at  
http://go.microsoft.com/fwlink/events.asp.
```

The Integration Service should fail the session with the following error message:

```
EXP_19199 Unicode to ASCII data conversion failed because the Integration Service runs in ASCII data movement mode and an expression in a transformation contains non-ASCII characters. To resolve the issue, run the Integration Service in Unicode data movement mode.
```

184916: Transaction control sessions run out of memory when auto memory is used

A session fails with the following error when you use transaction control with auto memory:

```
WRT_8316 ERROR: The Writer ran out of buffer pool data blocks, terminating the session
```

183756: Sessions with an ODBC connection object do not fail when the Microsoft SQL Server database is full.

Sessions with an ODBC connection object do not fail when the Microsoft SQL Server database is full. The session ignores Microsoft SQL Server database errors, continues to run, and displays a completed status. The session log also does not contain the correct number of output, affected, applied, or rejected rows.

182624: Unexpected condition may occur in the Designer when copying a mapping that uses shortcuts to sources and mapplets to a different repository

When copying a mapping that uses shortcuts to sources and mappings from one PowerCenter repository to another, the following error may occur in the Designer:

```
Unexpected Condition Detected  
Warning: Unexpected condition at: loadmap.cpp: 17557  
Contact Informatica Technical Support for assistance.
```

Workaround: Export the mapping in the source repository. Import the mapping into the target repository.

180718: The Designer does not validate minimum and maximum dates in a date range for random data masking

When you enter a date range for a random data mask, the Designer accepts invalid date values.

176439: Moving a Reporting Service from one domain to another results in the user accounts being deleted

If you move a Reporting Service from one domain to another and use the Data Analyzer repository information that you specify in the old domain, the synchronization process deletes all the user accounts that do not exist in the new domain. The Reporting Service does not update the Data Analyzer repository with the information contained in the new domain.

Workaround: Add the users that exist in the original domain to the new domain before you move the Reporting Service. You can also move the users to the LDAP directory service and import them to the new domain, or import the users from the native domain.

176143: Importing a flat file source or target that contains a Shift-JIS character and scrolling the preview pane causes the Designer to freeze

If you import a flat file source or target that contains a Shift-JIS character using the Designer Flat File Import Wizard and scroll the preview pane horizontally, the Designer freezes.

175606: Cannot merge administrator in Data Analyzer 8.1.1 repository with Administrator user in the native PowerCenter security domain

If you upgrade users and groups for a Data Analyzer 8.1.1 repository, the Service Manager for the PowerCenter domain cannot merge the Data Analyzer repository administrator with the Administrator user in the native security domain.

Workaround: Rename the administrator for the Data Analyzer repository or merge it with another user account in the PowerCenter domain.

175238: Reporting Service gets enabled before all the users and groups in the domain configuration database are synchronized with the Data Analyzer repository

If there are many Data Analyzers users and groups in the domain configuration database, synchronization takes time. The Reporting Service gets enabled on the Administration Console before synchronization completes. If you access the Data Analyzer instance, you might get the following error message: No Privileges.

Workaround: Before accessing the Data Analyzer instance, check the activity log to verify that all users and groups in the Data Analyzer repository have been synchronized with the domain configuration database.

175072: Session with decompress function hangs when you use a Microsoft SQL Server source

Session hangs when the mapping contains a decompress function and reads from a Microsoft SQL Server source.

174889: When you back up a newly upgraded domain configuration database, the backup process fails

If you back up the domain configuration database immediately after you upgrade PowerCenter, the backup process fails.

Workaround: After you upgrade PowerCenter, perform a task that updates the domain configuration, such as creating an application service or adding a user account. After you save the changes to the domain configuration, back up the domain.

174095: User without privileges for a global repository can deploy a folder from the local repository when the folder contains shortcuts to the global repository

A user that has the appropriate privileges for a local repository but does not have any privileges for the global repository can successfully deploy a folder from the local repository when the folder contains shortcuts to the global repository.

170496: You might not be able to connect to the repository during Repository Service synchronization

You might not be able to connect to the repository in the PowerCenter Client while the Repository Service is synchronizing repository users with LDAP security domain users.

136878: XSD definition contains incorrect code page

When you import an XSD definition with UTF-8 encoding into an ISO-8859-1 repository and then save and edit it, the encoding changes to Latin1.

134614: Internet Explorer may shut down unexpectedly when you configure an LDAP security domain and then move the pointer over the Configure Security icon

Internet Explorer may shutdown unexpectedly when you configure an LDAP security domain and then move the pointer over the Configure Security icon.

Workaround: Apply the latest security updates for Internet Explorer 6.0 or use Firefox to access the Administration Console.

130903: Custom profile session fails with fatal error

The DTM process aborts unexpectedly when you run a custom profile session that contains a Custom transformation with 100 or more columns.

130856: Session sometimes fails with an out of virtual memory error when the Integration Service creates a new XML target for each commit

A session sometimes fails with an out of virtual memory error when an XML target is configured to create a new document on commit. When you create an XML document at each commit, the Integration Service allocates virtual memory for each XML root view row. As the Integration Service processes more XML root view rows, the virtual memory buffer requirements increase. The virtual memory allocated is reused across commit intervals. However, if the number of root view rows is large for a commit interval, the session fails and the following error displays:

```
ERROR: Failed to allocate memory (out of virtual memory). *****
```

Workaround: Reduce the number of root view rows for each commit interval or change the mapping to increase the virtual memory available to the Integration Service.

105969: Session terminates unexpectedly when the Integration Service tries to set a code page

Session terminates with an unexpected condition when the Integration Service tries to set a code page for a Custom transformation.

Data Analyzer Limitations

191239: Default datasource does not always appear

When a System Administrator creates a datasource and dataconnector and makes the dataconnector active, the related datasource is not selected by default.

Workaround: A user with a role other than System Administrator creates a datasource and dataconnector and selects the dataconnector, the related datasource appears by default.

190223: Data lineage does not work in Metadata Manager Reports for users who do not have permissions on the Reporting Service

Users who do not have permissions on the Reporting Service cannot access data lineage from Metadata Manager Reports. An error message appears when users try to access data lineage from the reports

Workaround: Use the Administration Console to grant the user permissions on the Reporting Service.

176319: Data Analyzer displays groups and subgroups of parent or primary groups that are deleted from the User Management Console

Data Analyzer displays subgroups even after the parent or primary group has been deleted. Clicking the user icon associated with that group returns the following error:

```
Error details: java.lang.RuntimeException:  
com.informatica.pcsf.common.exception.PCSFConfigException: [UM_10010] The group  
[Level4-1] belonging to [Native] does not exist in the domain."
```

Metadata Manager Limitations

198562: Scrollbars may not appear for Details section when content does not fit

If you select an object and the details for the object do not fit into the Details section, no scrollbars may appear.

Workaround: Open the Metadata Manager instance in another browser window.

197985: You cannot export or import business terms for multiple glossaries

If you export a business glossary, the exported Excel file does not contain business terms created in another glossary. You cannot import business terms included in multiple business glossaries.

197795: Importing a business glossary from Microsoft Excel into a purged business glossary resource fails

If you purge a business glossary resource and then import a business glossary from Microsoft Excel, the import process fails with an Invalid Export Root Path error.

Workaround: Manually index the business glossary resource and import the business glossary again.

197345: You can delete a business term from a business glossary with read only permission

You create a business term in a business glossary on which you have write permission and add it to a category in a business glossary on which you have read only permission. If you delete the business term from the business glossary on which you have write permission, Metadata Manager also deletes it from the business glossary on which you have read only permission.

197306: Command to import XML metadata for a custom resource is available

The Import Metadata > XML command is available for a custom resource even though cannot import XML metadata for a custom resource.

197074: Cannot create struct and field relationship between model classes and the same business term in the Custom Metadata Configurator

If you create a struct relationship between an object class and a business term class in the Custom Metadata Configurator, you cannot create a field relationship between the business term and another object class type.

196699: Resource load from an IBM DB2 9.1 database fails with IBM DB2 9.5 client

A resource load fails if the associated Integration Service uses the IBM DB2 9.5 client and you load metadata from IBM DB2 9.1.

195806: Integration Service that runs on Windows and uses the IBM DB2 9.5 database client terminates unexpectedly when you load a resource into a Metadata Manager warehouse on IBM DB2 9.5

195711: Reloading a resource for a migrated and upgraded repository creates duplicates of all metadata objects for the resource

If you reload a resource that has no source changes, Metadata Manager loads each metadata object again. The metadata catalog contains duplicates of each object in the resource. This occurs if you back up a Metadata Manager repository from a database that is not case sensitive, restore the repository to a case sensitive database, and upgrade it to version 8.6.1.

Workaround: Purge the resource and load it again.

195094: Load Monitor may contain incorrect messages if a session fails during a resource load

193949: Changing the direction of a relationship for a custom class does not change the relationship direction between metadata objects

If you change the direction of a relationship for a custom class, Metadata Manager does not update the direction for the relationship between the corresponding metadata objects in the catalog.

Workaround: Reload the custom resource.

191709: Cannot create relationships between multiple classes of the same class type in the Custom Metadata Configurator

If you create multiple relationships between classes of the same class type from a single row in a metadata source file, the Custom Metadata Configurator returns a duplicate record error.

174204: You cannot search for multiple tables when you configure an SAP resource on sapr347 and sapr346c machines

When you configure Application Components for SAP, you cannot search for multiple table names separated by commas.

Workaround: Search for single table names.

92040: Data lineage between IBM DB2 CubeViews and a relational database does not work

Data lineage between IBM DB2 CubeViews and a relational database does not work.

72728: Metadata Manager extracts temporary tables from an Oracle resource

During an Oracle resource load, Metadata Manager extracts temporary tables from an Oracle database.

Workaround: Use the `purge recyclebin` command to drop the temporary tables before you load an Oracle resource.

Documentation Addenda

This section includes updates to the documentation.

Installation Guide

Chapter 3: PowerCenter Installation

Before You Begin > Preparing the PowerCenter Repository for Upgrade

Add the following step:

If you are upgrading from 8.0, 8.1, 8.1.1, or 8.5 and you disabled the Requires Single Thread per Partition property for the following transformations, enable the property before you upgrade:

- HTTP Transformation
- Java Transformation
- SQL Transformation
- Union Transformation
- Unstructured Data Transformation
- XML Parser Transformation
- XML Generator Transformation

You can run an object query in the Repository Manager to find the transformation.

If you do not enable the Requires Single Thread per Partition property before you upgrade, sessions may fail with the following error:

```
TM_6281: ERROR: Partitioning option license required to run sessions with user-defined partition points.
```

Release Guide

Chapter 8: Integration Service

Add the following section.

FastExport

Upgrade Impact: Behavior Change, Upgrade Task

Version Implemented: 8.6.1

Versions Affected: 7.1.3 / 7.1.4 / 8.1.1 / 8.5.x / 8.6

Effective in version 8.6.1, FastExport maps the "MS Windows Latin 1 (ANSI), superset of Latin1" connection code page to the Latin1252_0A Teradata character set. By default, the Latin1252_0A character set is not enabled on the Teradata database. Teradata character sets must be enabled on the database before you can use them.

Previously, FastExport mapped the "MS Windows Latin 1 (ANSI), superset of Latin1" connection code page to the ASCII Teradata character set. By default, the ASCII character set is enabled on the Teradata database. When you upgrade FastExport sessions using the "MS Windows Latin 1 (ANSI), superset of Latin1" connection code page, you must enable the Latin1252_0A character set on the Teradata database or the sessions fail.

Chapter 12: Mappings and Mapping Objects

Add the following section to HTTP Transformation, SQL Transformation, Union Transformation, Unstructured Data Transformation, XML Parser Transformation, and XML Generator Transformation:

Requires Single Thread per Partition Property

Upgrade Impact: Behavior Change, Upgrade Task

Version Implemented: 8.5.1

Versions Affected: 7.x / 8.0 / 8.1 / 8.1.1 / 8.5

Effective in version 8.5.1, the default value of the Requires Single Thread per Partition property is disabled and read-only. In 7.x, this field was enabled by default. In version 8.0, 8.1, 8.1.1, and 8.5, this field was enabled and editable by default.

If you upgrade from 8.5, you must update the repository to use the new default value. Complete the following steps to update the repository:

1. Configure the 8.5.1 Repository Service to run in exclusive mode.
2. Connect to the 8.5.1 Repository Service with the *pmrep* Connect command using a user account with Admin Repository privilege.
3. Locate the registration file name of the feature that requires a repository content update.

The files are located in \$INFA_ROOT\server\bin\native.

Note: \$INFA_ROOT is the PowerCenter 8.5.1 installation directory.

The following table lists the registration files for each transformation:

Transformation	File Name
HTTP	httptransform.xml
SQL	pmsqlt.xml
Union	pmuniontransform.xml
Unstructured Data	pmudt.xml
XML Parser and XML Generator	pmxmlmgep.xml

4. Use the *pmrep* RegisterPlugin command to update the repository.

The RegisterPlugin command uses the following syntax:

```
registerplugin -i <input_registration_file_name_or_path> -e -N
```

5. Repeat steps 3 through 4 for each transformation.

Chapter 12: Mappings and Mapping Objects

Add the following section to Java Transformation:

Requires Single Thread per Partition Property

Effective in version 8.5.1, the default value of the Requires Single Thread per Partition property is enabled and read-only. The previous default value was enabled and editable.

If you upgrade from 8.5, you must update the repository.

1. Configure the 8.5.1 Repository Service to run in exclusive mode.
2. Connect to the 8.5.1 Repository Service with the *pmrep* Connect command using a user account with Admin Repository privilege.
3. Locate the pmjtx.xml file.

The file is located in \$INFA_ROOT\server\bin\native.

Note: \$INFA_ROOT is the PowerCenter 8.5.1 installation directory.

4. Use the pmrep RegisterPlugin command to update the repository.

The RegisterPlugin command uses the following syntax:

```
registerplugin -i <input_registration_file_name_or_path> -e -N
```

Chapter 18: Metadata Manager

Add the following section to Models (Metamodels):

Group Names

Upgrade Impact: Behavior Change, Upgrade Task

Version Implemented: 8.5.1

Versions Affected: 8.0 / 8.1 / 8.1.1 / 8.5

Effective in Metadata Manager 8.6.1, group names for classes cannot be all numeric or contain a slash (/).

Previously, you could create group names with a slash or with all numerics.

Transformation Guide

Chapter 18: Dynamic Lookup Cache

Synchronizing Cache with the Lookup Source > Configuring Dynamic Cache Synchronization

Change the value of the extension name to Synchronize Dynamic Cache.

Extension Component	Value
Extension Name	Synchronize Dynamic Cache
Type	Boolean
Value	True

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