Release Notes for Websphere Product Center Fix Pack 5.1.1.2

Table of Contents

1. ABOUT THIS RELEASE

This document addresses customer requests, installation instructions, and notes for WebSphere Product Center Fix Pack 5.1.1.2 on the following platform:

- WebSphere Application Server 5 / DB2
- WebSphere Application Server 5 / Oracle
- Web Logic 7 / Oracle

1.1 Fix Pack requirements

WebSphere Product Center 5.1.1 must be installed prior to the application of Fix Pack 5.1.1.2:

With this Fix Pack, an additional upgrade path is available. This is a deviation from the normal procedures and is a one-time provision aimed specifically at the customers on 5.1.0.5-IF and above.

From 5.1.0.4 and any release prior to 5.1.0.4:

- You **SHOULD** apply 5.1.1 and then apply 5.1.1.2, which includes a schema migration
- You *can* apply 5.1.1.2 directly (as well as the required schema migration)
- In the event you are moving to a release of a future 5.1.1.x product update (i.e. 5.1.1.3), you should follow normal upgrade procedures (apply 5.1.1. and then apply 5.1.1.3 along with required schema migration from 5.1.1.2)

From 5.1.0.5-IF and above (currently including 5.1.0.6-IF, 5.1.0.6-IF003, 5.1.0.6-IF004, 5.1.0-TF001, 5.1.0-TF002, 5.1.0.6-IF005):

- You **MUST** apply 5.1.1.2 directly
- You **CANNOT** apply 5.1.1 and subsequently apply 5.1.1.2 and its schema changes as this will result in data loss.
- In the event of a release of a future 5.1.1.x product update (i.e. 5.1.1.3), you still MUST first apply 5.1.1.2 in order to subsequently upgrade to 5.1.1.3

Keep in mind those GDS 1.1.1.x customers using the 5.1.1.x codeline as their underlying WPC version will need to apply the required schema migration for an upgrade to WPC 5.1.1.2.

2. PRODUCT FIX HISTORY

The following sections list change requests that have been addressed in previous Fix Packs since WebSphere Product Center 5.1.1.

2.1 Completed change requests in 5.1.1.2

The following table lists the change requests that have been addressed for this release.

Tracking Number	Description
15709	Catalog - Add Item Access privilege is not working properly
16044	Multiple item add fails in single edit mode when same value is used across items
17204	Version number is wrong
17762	"Default value" did not be saved in spec console
17925	Save causes invalid entries in DB for new CA item with validation error
17959	Save in single edit screen fails
17960	Attribute Group cache not refreshing correctly
17961	Rich search not working
17963	Change useTransaction to not rollback
18051	Fixit step loses modifications
18279	getItemSetForCategory() returns empty
18280	Changing Name of Category leads to Category Corruption
18280	Changing Name of Category leads to Category Corruption
18282	Custom Company Export generates invalid XML
18294	Sequence object settings not exported by exportEnv()
18295	Web Services not exported with with exportEnv()
18297	Distribution Groups are not exported.
18303	Import of basic selection fails
18304	User defined attributes for a hierarchy not exported.
18305	Atribute Collection attached to a hierarchy is not exported
18306	There are "Trigo" strings in the WPC product
18309	Import of catalogs and hierarchies fail when user defined attrs contain spaces
18311	Hierarchy Workflow gets imported as Catalog workflow
18312	Import of complete company import fails the first time
18351	HIERARCHY: Error creating a new category with apostrophe in name
18361	reorderEntry() corrupts getItemsInCategory()
18362	getItemPrimaryKeysForCategory() returns duplicate primary keys in false
18363	Issues with setOrdered
18366	WSDL: invalid WSDL saved even when error messaged popped up
18402	Running delta syndications causes 'Unexpected Version" in syndication console
18426	User Authentication Issue with LDAP Integration with SHA-1 encrypted passwords
18447	"javax.naming.SizeLimitExceededException"
18579	getCategorySetSize() is returning the wrong number
18845	Item save allowed to non-existent categories
18994	Need to remove irrelevant master.sh and cleanup.sh

19237	Error fetching file from docstore if data sources are imported
19277	Wrong prototype for createWebService()
19551	Custom tools: Japanese cannot be displayed correctly.
19561	Server error going to Entry Processor Status. Oracle only
19584	Unable to access the custom tool script from the menu options
19586	Custom tool script does not execute correctly when name has globalized characters
19641	ExportEnv() returns null
JR21240	Null pointer exception when deleting item through Sandbox
JR21297	No Line Error shown in 5.1 when script has bug
JR21459	Multi-occurring attributes treated as del in post save script
JR21592	Export Environment fails to export Specs
JR21820	OUTOFMEMORY error on parseDelim script operation when the delimiter is an empty string
JR21841	NON-STANDARD characters do not get saved to UDL when the UDL length is more than 3000 characters
JR21929	isStringSingleByte() script operation returns true for a string having a double byte characters
JR21984	Value rule getting truncated when spec is saved
JR21995	System displayed times are incorrect and do not match time zone settings.

2.2   Completed change requests in 5.1.1.1

Tracking Number	Description
17384, 17381	Start and End date validation has not been done in WWRE
17414	Usability - Standardize the title Bar
17387	Image icons missing from GDS Home page
17488	Query not merged in WPC branch
17572, 17573	List Price End Date and Recommended Sales Price Effective End Date - Group validation has not been done at once
17640	Modified the setTradeItemDetails method in GDSResponseHandler to handle the Registration Failed
17416	All messages should have grammatical full sentences. The queries for GS1 reports not updated for DB2
17668	In Mass Transactions items were picked up when local enrichment is turned off
17687	User Activity Reports doesn't show details of few of the activities
17703	Incorrect calculation of Time taken to Approve the Item Change
17699	Null Pointer Exception in ScriptOps
17700	Item Approval Report is not giving correct timing
17687	User Activity Reports doesn't show details of few of the activities

3. **KNOWN ISSUES AND LIMITATIONS**

This section identifies known issues and limitations for this release.

CR19607 Need to import environment twice for some objects to import
There is an open issue when importing an environment, some objects may not import. But if the same import is done a second time, all objects are imported

Namespaces need explicit re-declaration in child nodes of WSDL and request
Any namespace declaration in a WSDL for a Document-Literal style web service must be explicitly re-declared in the body's tag. Moreover, any request for this web service must also declare any namespaces in the body tag. This implies that any request XML generated by a 3rd party tool must be manually edited to re-declare the namespace in the body tag.

Mishandled white space in the request document
White space or blank lines (even though valid by XML definition) may cause error when passed along as a web service request to a Document-Literal web service.

Improper SOAP envelope/namespace stripping from request
In certain cases, the envelope may be improperly stripped from the request body during the namespace stripping mechanism required by the WPC scripting engine. The problems will occur when any other namespace prefix than "soapEnv" is used to assign the soap envelope schema namespace.

Cannot create Web Service on WebLogic/Oracle
This is a bug for WebLogic/Oracle, and the function is not supported on WAS/DB2
LDAP Authentication fails when using an LDAP configuration with separate DN's for groups and users
The only configuration supported in 5.1.1.2 is the exact LDAP configuration as documented. The enhancement performed for 5.1.0.6-IF005 does not apply to 5.1.1.2.

4. INSTALLATION

This section provides general guidelines to apply a Fix Pack to WebSphere Product Center. Some information may differ depending on the methods used for previous installations. Contact your support representative for WebSphere Product Center with any installation issues.

4.1 Preparation

Before attempting to apply the latest Fix Pack to WebSphere Product Center, the following preparation is recommended:

4.1.1 Stopping the whole application on the local machine

Complete the following steps to stop the WebSphere Product Center instance:

1. Check the scheduler to make sure there are no critical jobs that need to be completed. If the queue is clear, kill the scheduler manually by running the following script:

   ```
   $TOP/bin/go/stop/stop_scheduler.sh
   ```

2. Abort the entire application by running the following script:

   ```
   $TOP/bin/go/abort_local.sh
   ```

All services running on the local machine is aborted. The RMI registry is aborted.

Note: Check to make sure all processes have stopped using the 'ps' command.

Kill off any rogue "java" or "rmiregistry" processes that remain after shutting down the instance. Occasionally, it may take several attempts to kill off all java processes. Continue killing all java processes until they are all dead.

4.1.2 Backup

- **Create a full backup of the current WebSphere Product Center directories before applying the Fix Pack. The Fix Pack will overwrite files that have changed. If any issues occur, the backup will allow a rollback to a previous version**

- **It is recommended to apply the Fix Pack to a test system to identify any issues before applying the Fix Pack to a production system**

- **Perform a full backup of the database before applying the Fix Pack to a production system**

  Note: Do not delete the old WebSphere Product Center version until performing thorough testing with the new installation.

4.2 Apply Fix Pack

To apply the Fix Pack to WebSphere Product Center, complete the following tasks:

- ❑ Unpack tar file
- ❑ Run WebSphere Application Server script
- ❑ Update configuration files
- ❑ Test installation

4.2.1 Unpack tar file

Purpose: To extract and update any new installation files into the current working directory

Note: GNU tar is needed to untar the WebSphere Product Center files.

1. Copy the WebSphere Product Center tar file to the user or temporary directory.

Example:

```
{HOME_OF_WPC}/tarballs
```

2. CD to $TOP, the current working directory, and unpack the tar file:

Example:

Using GNU tar, the following command extracts and unzips the tar file using an absolute path:

```
tar zxvf
/home/WPC/tarballs/wpc_5001_03_fixpak_from_5000_15_was5_db2.tgz
```

4.2.2   Run WebSphere Application Server script

After unpacking the tar file in the previous section, ensure that the default server (server1) is running and run the following WebSphere Application script:

$TOP/bin/websphere/install_war.sh

Note: Ensure that the default server (server1) is running, as it is required for the WebSphere Application Server script to work. If needed, start the WAS default server by issuing the following command as root:

${WAS_HOME}/bin/startServer.sh server1

4.2.3   Verify configuration files

Verify all configuration files required by the new installation and make any updates as needed. Refer to the backup copy of the configuration files for the previous installation if needed.

- ❑   common.properties

- ❑   admin_properties.xml

- ❑   init_ccd_vars.sh

❖ **common.properties**

On startup, the system will use this file to read in all system level parameters. This file includes settings for the database layer (connection parameters), directory settings, default character sets, thread-pooling parameters, and other settings, which are documented in the file.

File location: $TOP/etc/default

❖ **admin_properties.xml**

This file is used by the administrative utilities to configure clusters of the application.

File location: $TOP/etc/default

❖ **init_ccd_vars.sh**

The initialization file is the shell script that initializes the shell variables used by the system.

File location: $TOP/setup

4.3 Test installation

4.3.1   Start WebSphere Product Center

To start the WebSphere Product Center, execute the following script:

```
$TOP/bin/go/start_local.sh
```

The script starts all the services needed to run WebSphere Product Center.

Note: This process should take approximately 30-40 seconds, depending on the speed of the processor.

4.3.2   Check status

Run the **$TOP/bin/go/rmi_status.sh** script that was provided by WebSphere Product Center and verify the following services have started correctly.

- admin_<machine name>
- appsvr_<machine name>
- eventprocessor
- queuemanager
- scheduler
- workflow

YOU HAVE SUCCESSFULLY APPLIED THE LATEST FIX PACK FOR WEBSPHERE PRODUCT CENTER!

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