Release Notes

Prospect Web® 2.2.5 P1 (2.2.5.1)

DOCUMENT CONTROL

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Version: 2.2.5 P1 (2.2.5.1)

Build: 2.2.5.1 b03

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1 Description

Prospect Web ® 2.2.5 P1 is a patch release for Prospect Web. It is a cumulative release and can be applied to 2.2.5.0 release in order to bring a system up to the 2.2.5 P1 release point.

2 Resolved Issues

This release includes the following resolved issues:

DDTS / SRS or APAR	Description
SEAde69450/IZ17453	Add ability to read report parameters from remote datasource
SEAde69446/IZ17736	Prevent users from opening large report results that may cause web to run out of memory. Users can still download these results via CSV format.
SEAde69319/IZ16571	Pweb does not delete csv files from rg/spool fast enough
SEAde69318/IZ16419	Pweb report groups running longer than 24 hours disappear from status monitor
SEAde69471/IZ18568	Reports using stored summary data show null values for non focal entities

3 Installation and Upgrade Instructions

This section describes how to install the Prospect Web patch, 2.2.5 P1. This patch can be uninstalled (see section 3.6).

3.1   Installation Privileges Required

Privilege	Required
Oracle flexpm user DBA role	No
UNIX flexpm user in DBA group	Yes
Root privilege required	No
Oracle sys user password set to default (change_on_install)	No

3.2   Install Procedure Syntax

```
install.sh [ -install | -uninstall | -help ]
-install  :  installs the patch

-uninstall : removes the patch and restored the previously
installed versions of any files that were updated

-help : help

The scripts depend on $DB_CONNECT, make sure you have this setup
correct.
```

3.3   Prerequisite Instructions

This patch requires Prospect Web 2.2.5.0 to be installed.   You should complete the installation including starting the middleware and running the admin tool according to the installation or upgrade instructions prior installing this patch.   This patch may be applied immediately after you have finished installing/upgrading the system via the admin tool.

3.4   Pre-Installation Instructions

```
1. Login as flexpm and source the profile from FLEXPM_HOME
   directory.
   $ . ./.profile

2. Copy PWeb2.2.5_P1.tar.gz into this directory.

3. Uncompress the file.
   $ gunzip  PWeb2.2.5_P1.tar.gz
```

4. Untar the package. It will create a subdirectory
   (patches/ PWeb2.2.5_P1) in $FLEXPM_HOME and untar the files in
   to this directory. You must use gtar to successfully untar
   this file.
   $ gtar -xvpf PWeb2.2.5_P1.tar

5. Install the Patch by following the instructions in Section 3.5
   below.

3.5   Installation Instructions

*Important! If there are no errors from the Pre-Installation section, then continue with the
following steps:*

1. Login as flexpm and source the profile from FLEXPM_HOME
   directory.
   $ . ./.profile

2. Go to the Patch directory.
   $ cd $FLEXPM_HOME/patches/PWeb2.2.5_P1

3. Install the Patch.
   $ install.sh -install 2>&1| tee install.log

Note: the patch installation program will automatically stop the
middleware, install the patch files, and restart the middleware.

3.6   Uninstall Procedure

1. Log in as flexpm and source the profile from the FLEXPM_HOME
   directory.
   $ . ./.profile

2. Go to $FLEXPM_HOME/patches/PWeb2.2.5_P1 directory.
   $ cd $FLEXPM_HOME/patches/PWeb2.2.5_P1

3. Remove the patch.
   $ install.sh -uninstall 2>&1| tee uninstall.log

Note: the patch un-installation program will automatically stop
the middleware, uninstall the patch files, and restart the
middleware.

4 New Report Configuration Support

SEAde69450/IZ17453 adds support to read report configuration from the remote database prior to running the report.   If this configuration is set on the remote datasource it will override the default report configuration parameters in .profile.custom.   Updating this configuration does NOT require a middleware bounce of either the remote Prospect system or the Prospect Web system.   The new settings will take effect at the start of the next report run. See Section (4.2) for example sql for configuring these values.

4.1 Parameter Definitions

The following parameters are now supported on the remote server:

4.1.1 PWebWorkAreaSizePolicy

Value: manual or auto

Default: manual

If value is auto then settings for hashAreaSize, sortAreaSize and SortAreaRetainedSize will be disabled. This setting has no effect on DBFileMultiBlockReadCount or ParallelDegree. Any value other than auto will be interpreted as manual.

4.1.2 PWebDBFileMultiBlockReadCount

Value: integer

Default: 64

Value of 0 will disable this parameter and rely on oracle's internal setting. Any other value will be passed to oracle unchecked.

4.1.3 PWebHashAreaSize

Value: size in bytes

Default: 629145600 (600MB)

Value of 0 will disable this parameter and rely on oracle's internal setting. Value between 1 byte and 10MB will be increased to 10MB

4.1.4 PWebSortAreaSize

Value: size in bytes

Default: 629145600 (600MB)

Value of 0 will disable this parameter and sortAreaRetainedSize. Value between 1 byte and 10MB will be increased to 10MB.

4.1.5 PWebSortAreaRetainedSize

Value: size in bytes

Default: 524288000 (500MB)

Value of 0 will result in size approximately 80% of sortAreaSize. If value is < 10MB it will be increased to 10MB. If value is greater than sortAreaSize, value will be reset to 80% of sortAreaSize.

4.1.6 PWebParallelDegree

Value: Integer

Default: 2

Value of 1 will disable the hint. Value >= 2 will be passed to the hint unchecked. Controls parallel hint in web queries

4.2 Sample SQL to configure on remote server

Below is sample sql to configure the sort area size and hash area size parameters on the remote Prospect database. The values used are strictly examples and may not be optimal for your configuration.

1. To add a new value

```
insert into wm_system_values_v(name, value)
values('PWebSortAreaSize', '671088640');
insert into wm_system_values_v(name, value)
values('PWebHashAreaSize', '671088640');
commit;
```

2. To update an existing value

```
update wm_system_values_v set value = '536870912'
where name = 'PWebSortAreaSize';
commit;
```

3. To remove an existing value

```
delete from wm_system_values_v
where name = 'PWebHashAreaSize';
commit;
```

5 Customer Support

Contact IBM Customer Support if a problem is encountered during the installation of this patch.

6 Manifest

patches/

patches/PWeb2.2.5_P1/

patches/PWeb2.2.5_P1/install/

patches/PWeb2.2.5_P1/install/compile-schema.sql

patches/PWeb2.2.5_P1/install/pm/

patches/PWeb2.2.5_P1/install/pm/pas/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/conf/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/conf/deployment.properties

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/deploy/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/deploy/pweb.war

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/deploy/S26-jam-prospect-enterprise.dev.ear

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/deploy/S36-ent-prospect-enterprise.dev.ear

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/deploy/U02-prospect-enterpriseRP.dev.ear

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/lib/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/lib/wm-agent-service.jar

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/lib/wm-jam-common.jar

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/lib/wm-jam-prospect-common.jar

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/server/default/lib/wm-prospect-jddsqlserver.jar

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/client/

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/client/wm-jam-common.jar

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/client/wm-jam-prospect-common.jar

patches/PWeb2.2.5_P1/install/pm/pas/jboss-4.0.5.GA/client/wm-prospect-jddsqlserver.jar

patches/PWeb2.2.5_P1/install/pm/pas/etc/

patches/PWeb2.2.5_P1/install/pm/pas/etc/jboss-templates/

patches/PWeb2.2.5_P1/install/pm/pas/etc/jboss-templates/server/

patches/PWeb2.2.5_P1/install/pm/pas/etc/jboss-templates/server/default/

patches/PWeb2.2.5_P1/install/pm/pas/etc/jboss-templates/server/default/deploy/

patches/PWeb2.2.5_P1/install/pm/pas/etc/jboss-templates/server/default/deploy/jbossweb-tomcat55.sar/

patches/PWeb2.2.5_P1/install/pm/pas/etc/jboss-templates/server/default/deploy/jbossweb-tomcat55.sar/server.xml

patches/PWeb2.2.5_P1/install/PWeb2.2.5_P1.build

patches/PWeb2.2.5_P1/install/vendor/

patches/PWeb2.2.5_P1/install/vendor/EnterpriseTrafficCache/

patches/PWeb2.2.5_P1/install/vendor/EnterpriseTrafficCache/pe_result_manager.sql

patches/PWeb2.2.5_P1/install/patch.sql

patches/PWeb2.2.5_P1/backup/

patches/PWeb2.2.5_P1/backup/install/

patches/PWeb2.2.5_P1/backup/install/pm/

patches/PWeb2.2.5_P1/backup/install/pm/pas/

patches/PWeb2.2.5_P1/backup/install/pm/pas/jboss-4.0.5.GA/

patches/PWeb2.2.5_P1/backup/install/pm/pas/jboss-4.0.5.GA/server/

patches/PWeb2.2.5_P1/backup/install/pm/pas/jboss-4.0.5.GA/server/default/

patches/PWeb2.2.5_P1/backup/install/pm/pas/jboss-4.0.5.GA/server/default/conf/

patches/PWeb2.2.5_P1/backup/install/pm/pas/jboss-4.0.5.GA/server/default/deploy/

patches/PWeb2.2.5_P1/backup/install/pm/pas/jboss-4.0.5.GA/server/default/lib/

patches/PWeb2.2.5_P1/backup/install/pm/pas/jboss-4.0.5.GA/client/

patches/PWeb2.2.5_P1/backup/install/pm/pas/etc/

patches/PWeb2.2.5_P1/backup/install/pm/pas/etc/jboss-templates/

patches/PWeb2.2.5_P1/backup/install/pm/pas/etc/jboss-templates/server/

patches/PWeb2.2.5_P1/backup/install/pm/pas/etc/jboss-templates/server/default/

patches/PWeb2.2.5_P1/backup/install/pm/pas/etc/jboss-templates/server/default/deploy/

patches/PWeb2.2.5_P1/backup/install/pm/pas/etc/jboss-templates/server/default/deploy/jbossweb-tomcat55.sar/

patches/PWeb2.2.5_P1/backup/install/vendor/

patches/PWeb2.2.5_P1/backup/install/vendor/EnterpriseTrafficCache/

patches/PWeb2.2.5_P1/install.sh