BMC Software is releasing version 10.1.00 of the PACLOG for DB2® product.

NOTE
Before you begin installation, BMC recommends that you check the Customer Support website at http://www.bmc.com/support for

- updated product documentation (for example, flashes and technical bulletins)
- product downloads, patches, and fixes (PTFs)
- product availability and compatibility (PAC) data

These release notes supplement and supersede the product documentation and discuss product enhancements:

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What's new

These topics describe the changes or new features in this release.

DB2 Version 10 support

PACLOG supports DB2 Version 10.

XBM zIIP redirection support

PACLOG provides the option to offload eligible processing to an IBM System z® Integrated Information Processor (zIIP). To enable and use zIIP processing, you must have an installed and authorized version of the EXTENDED BUFFER MANAGER (XBM) product or the SNAPSHOT UPGRADE FEATURE (SUF) technology.

**NOTE**

Note the following XBM or SUF requirements:

- The minimum version of XBM or SUF is 5.6.00 with PTF BPE0313.
- To enable DB2 Version 10 support, XBM and SUF require PTF BPE0311.

For more information about the XBM component that enables the use of zIIPs, see the EXTENDED BUFFER MANAGER and SNAPSHOT UPGRADE FEATURE User Guide.

Changes to PPO command requirements

The BCSS commands that are required to initialize the product in PACLOG processing only (PPO) mode have changed. The REINIT DAC command is no longer required. The REINIT PPO command is now used to reinitialize PPO mode.

To prevent PACLOG from issuing messages BMC104042E and BMC100299E after you upgrade to the new version of PACLOG, insert the following commands into the data set for BCSS commands:

```
DAC ELM value
DAC LCO ON
DAC STATUS
REINIT PPO
```
After the REINIT PPO command is issued, the following commands are executed automatically:

<table>
<thead>
<tr>
<th>Command</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAC NVSAM ENABLE</td>
</tr>
<tr>
<td>DAC PPO ON</td>
</tr>
<tr>
<td>DAC PPO SHUTDOWN</td>
</tr>
</tbody>
</table>

**Striped and multi-volume active log support**

PACLOG supports striped and multi-volume active logs.

**PACLOG obtains the SSID from DSNHDECP**

If you do not provide a subsystem ID (SSID) in the JCL PARMs, PACLOG uses the subsystem ID that is indicated in the DSNHDECP module found in the STEPLIB or linklist.

The SSID parameter is positional and requires the comma even if you do not enter a specific subsystem ID. If the product cannot find the SSID that you specified or that is listed in the DSNHDECP module, it will issue an error message indicating INVALID PARAMETER FOR SSID and set the return code to 8.

**UNITCNT option supported**

The UNITCNT syntax option specifies the number of units to be allocated for the output log copies. The default is to leave this option blank, which enables the unit count to be controlled by SMS. If you want to override the system value for this option, you can specify an integral number from 1 to 59.

**SYSUT1 support ended**

PACLOG no longer uses or supports the SYSUT1 data set to override the bootstrap data set (BSDS) for the subsystem named in the EXEC statement. If the job includes the SYSUT1 ddname, PACLOG ignores it. You must now specify the BSDS file name by using the BSDS1=datasetName installation option.
DAC version 1.5.05 requirement

PACLOG requires version 1.5.05 or later of the DATA ACCELERATOR Compression (DAC) technology. DAC version 1.5.05 provides support for z/OS 1.12, and includes a fix for PACLOG issue QM001670508 (restart of a DB2 Version 9 subsystem might fail if the restart requires archive logs, and the archive logs were compressed by PACLOG). The installation media contains the PTFs that update DAC to version 1.5.05.

Installation


NOTE
To request physical shipments, contact your BMC sales representative. Contact information is available on the BMC website.

PACLOG is installed by using the BMC Installation System. This section contains installation information that supplements or supersedes the information in the Backup and Recovery Products for DB2 Installation Guide.

Known installation issues

This section describes issues that remain open in this release.

DB2 Version 10 security parameter

If both of the following conditions exist at your site, contact BMC Customer Support before attempting to use the Installation System to customize your BMC products:

- Your subsystem is using DB2 Version 10.
- The DSNZPARM SEPARATE_SECURITY subsystem parameter is set to YES.
### DB2 Product Configuration component

The name of the BMC Product Management (BPM) component is changing to the DB2 Product Configuration component (FMID ZLGCxxx). Documentation for the April 2011 release reflects the name change. A future release of the Installation System will replace BPM with DB2 Product Configuration in the installation panels and associated Help.

### FMIDSETs

For products that contain the ZDIG190 FMID as part of an FMIDSET, attempting to run an apply check job ($B75APCFC or $B80APCP) or an apply job ($B76APLF or $B81APLP) might result in the following errors:

- **GIM24801S** **NO SYSMODS SATISFIED THE OPERANDS SPECIFIED ON THE APPLY COMMAND.**
- **GIM20501I** APPLY PROCESSING IS COMPLETE. THE HIGHEST RETURN CODE WAS 12.

To address this issue, take the appropriate action as follows:

- **If you have not yet generated the installation ($B) jobs**, ensure that the **Create FMIDSETs** field on the Data Set Options panel is set to **No** (the default) before proceeding.

- **If you have already generated the installation jobs and received the specified error**, run the #D9 jobs to delete the data sets, and regenerate the JCL by using FMIDs instead of FMIDSETs.

BMC plans to correct this issue in the next release of the Installation System.

### Installation changes

Version 2.3.10 of the Installation System contains the following enhancements:

- The Product Customization menus accommodate new features, such as the DB2 Product Configuration technology, the DB2 Component Services (DBC), and the Next Generation Logger (NGL). Some MainView products and the System and SQL Performance products use this technology.

- You can use a new feature, BMC Internet Service Retrieval (ISR). BMC ISR identifies and applies fixes to all products that you install via the Installation System. For more information, see Chapter 7, “Applying maintenance,” in the Backup and Recovery Products for DB2 Installation Guide.
Version and FMID information

This release of PACLOG uses the following versions of the Installation System and installation media:

- version 2.3.10 or later of the Installation System
- version 2.3.10 or later of the C-series installation media

**NOTE**

If you have a later version of the Installation System or the installation media, use that version to install the solution, product, or component.

During installation, the following versions and SMP/E FMIDs are installed:

<table>
<thead>
<tr>
<th>Product or component</th>
<th>Version</th>
<th>FMID</th>
</tr>
</thead>
<tbody>
<tr>
<td>PACLOG for DB2</td>
<td>10.1.00</td>
<td>ZALMA10</td>
</tr>
<tr>
<td>BMC Password Security System</td>
<td>3.2.00</td>
<td>BBAPW32</td>
</tr>
<tr>
<td>BMC Primary Subsystem (BBBBP)</td>
<td>1.1.07</td>
<td>BBBBP11</td>
</tr>
<tr>
<td>BMC Subsystem (BCSS)</td>
<td>1.1.07</td>
<td>BBBCS11</td>
</tr>
<tr>
<td>DATA ACCELERATOR Compression (DAC)</td>
<td>1.5.00</td>
<td>ZDC2015</td>
</tr>
<tr>
<td>DB2 Component Services (DBC)</td>
<td>10.1.00</td>
<td>ZDBCJA10</td>
</tr>
<tr>
<td>DB2 Solution Common Code (SCC)</td>
<td>10.1.00</td>
<td>ZSCCA10</td>
</tr>
<tr>
<td>Dignus C runtimes and C++ objects</td>
<td>1.9.01</td>
<td>ZDIG190</td>
</tr>
<tr>
<td></td>
<td>1.9.00</td>
<td>ZDIG018</td>
</tr>
<tr>
<td>Install Execution Code (AIN)</td>
<td>3.1.00</td>
<td>ZAIN031</td>
</tr>
<tr>
<td>Option value migration (ZIO)</td>
<td>1.5.00</td>
<td>ZZIO150</td>
</tr>
<tr>
<td>SAS/C Resident Library</td>
<td>7.1.00</td>
<td>ASAR71C</td>
</tr>
<tr>
<td>User Interface Middleware Common Services (USC)</td>
<td>5.3.00</td>
<td>ZUSC053</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for PACLOG only. During installation, view one of the following generated JCL members to see a list of FMIDs for all of the products that you are installing:

- Express installation (JES2): $B90SMPE
- Express installation (JES3): $B91SMPE
- Custom installation: $B76APLF

To search the file, search on the word **FMID**.
Maintenance

After you install PACLOG, you can download any additional SMP/E maintenance by using either BMC Internet Service Retrieval (ISR) or eFix PTF Distribution Services (http://apps.bmc.com/support/efix.cgi). BMC ISR is available for all products that you install via the Installation System. For more information, see the installation guide.

**NOTE**

Before applying maintenance, ensure that you have completed the appropriate jobs (based on your installation method) to set up your maintenance environment, as follows:

- Custom installation: $B78ACPF and $B83ACCP
- Express installation (JES2): $B90SMPE
- Express installation (JES3): $B90SMPE and $B91SMPE

PUT maintenance schedule

BMC did not deliver first-quarter 2011 PUT maintenance (PUT1101A). Instead, BMC will deliver that maintenance as part of the second-quarter cumulative maintenance in PUT1101B. For information about the PUT delivery schedule, see http://www.bmc.com/support/put-availability-schedule.html.

In the interim, you can use the new BMC Internet Service Retrieval (ISR) feature to identify and apply fixes to all products that you installed via the Installation System. BMC ISR simplifies ordering and retrieving service updates, either on demand or through your scheduler. You can use BMC ISR to inventory your target zones and generate a single request, or schedule a request on a recurring basis to retrieve maintenance updates. For more information, see the maintenance section of the installation guide.

**NOTE**

If you prefer, you can continue to use eFix PTF Distribution Services to obtain fixes on demand.
Support status

BMC supports the following versions of PACLOG:

<table>
<thead>
<tr>
<th>Version</th>
<th>Level of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1</td>
<td>full</td>
</tr>
<tr>
<td>1.4</td>
<td>limited</td>
</tr>
</tbody>
</table>

For more information about the latest support policies, see the Customer Support website at http://www.bmc.com/support.

Product documentation

BMC provides a documentation CD in product shipments and offers a link to the CD image on the EPD page of the Customer Support website. Individual product documents (books and notices) are also available on the website. You can order hardcopy documentation from your BMC sales representative or from the website. You can also subscribe to proactive alerts to receive e-mail messages when notices are issued or updated.

Customer support

If you have problems with or questions about a BMC product, see the Customer Support website at http://www.bmc.com/support. You can view or download product documents, find answers to frequently asked questions, and download products and maintenance. If you do not have access to the web and you are in the United States or Canada, contact Customer Support at 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.

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