BMC Software is releasing version 10.1.00 of the High-speed Apply Engine component. High-speed Apply is a component of the following BMC Software solutions:

- Recovery Management for DB2®
- Database Administration for DB2

**NOTE**

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

To obtain patches for the distributed systems components, contact BMC Customer Support.

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

High-speed Apply Engine supports DB2 Version 10 features.

LOB completion processing enhancements

The High-speed Apply Engine can apply logical log input when the value of the SQLType parameter is Undo, and can include LOB column data for delete actions and update actions.

Distributed systems changes

The following changes apply to Windows and UNIX installations:

- The High-speed Apply Engine supports DB2 Universal Database 9.7.
- The High-speed Apply Engine no longer supports Oracle version 9.2.

Installation


NOTE

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

High-speed Apply Engine is installed by using the BMC Installation System. This section contains installation information that supplements or supersedes the information in the 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 ZLGC.xxx). 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 ($B75APCF 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 installation guide.

Version and FMID information

This release of the High-speed Apply Engine 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>High-speed Apply Engine</td>
<td>10.1.00</td>
<td>ZAPTA10</td>
</tr>
<tr>
<td>BMCSORT</td>
<td>2.3.01</td>
<td>ZAUP231</td>
</tr>
<tr>
<td>BMC Password Security System</td>
<td>3.2.00</td>
<td>BBAPW32</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</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>
</tbody>
</table>
The preceding table contains the FMIDs for High-speed Apply Engine 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 High-speed Apply Engine, 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](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.

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**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

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**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](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 of the 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 your installation guide.
Support status

BMC supports the following versions of the High-speed Apply Engine:

<table>
<thead>
<tr>
<th>Version</th>
<th>Level of support</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1.00</td>
<td>full</td>
</tr>
<tr>
<td>9.2.00</td>
<td>full</td>
</tr>
<tr>
<td>9.1.00</td>
<td>limited</td>
</tr>
<tr>
<td>8.1.00</td>
<td>none</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.