BMC originally issued these release notes on January 30, 2014. They are being reissued to describe support information for IBM® DB2® Version 11. Revision bars in these release notes denote differences from the previous version.

BMC Software is releasing version 11.1.00 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 Support Central 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

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.

For a short demo describing what’s new in this release, see https://webapps.bmc.com/infocenter/index.jsp. In the BMC Documentation Center, you can access the demo library via BMC Quick Course Demo Library in the Contents pane on the left.

DB2 Version 11 support

High-speed Apply Engine supports the IBM DB2 Version 11 system in all modes (CM, ENFM, and NFM).

End of support for DB2 Version 8

Starting with this release, Log Master does not support IBM® DB2 Version 8. Earlier releases will continue to support Version 8.

Extended RBA/LRSN support

High-speed Apply Engine now supports extended RBAs and LRSNs. All output and repository tables have been changed to provide this support.

Distributed systems changes

The following databases and operating systems are supported for Windows and UNIX® installations:
High-speed Apply Engine without binds

Databases:

- DB2 Universal Database™ 9.7, 9.8, and 10 (Microsoft Windows, IBM AIX®, and Oracle® Solaris system).
- Oracle 11g Release 1 (11.1) and 11g Release 2 (11.2).

Operating systems:

- AIX 6.1 and 7.1
- Solaris 10 and 11
- HP-UX 11.23 (11i v2) and 11.31 (11i v3)
- Windows 2007 and 2008

High-speed Apply Engine without binds

For DB2 for z/OS, this new feature provides the capability to pre-generate and bind an application plan and base package to use in subsequent runs of High-speed Apply Engine. With the use of a pre-bound plan and package, High-speed Apply Engine can run without any binds; however, all statements will be executed dynamically. Changes for this feature include:

- addition of PackageName to the Bind configuration parameters
- changes to the description of BindAction configuration parameter
- changes to the description of the FreeOption configuration parameter
- addition of the section “Using a pre-bound plan and package” in Appendix B, “Installing High-speed Apply Engine on mainframe targets”

Enhanced retry conflict resolution

This version of the High-speed Apply Engine provides a means for the apply job to terminate or abort so that you can resolve the timeout conflict and restart the apply job when appropriate. Version 11.1 expands the action set that you can define after a failed retry with the following enhancements:

- the addition of Defer and Skip to the RetryFail configuration parameter
- the addition of MaxFailedRetries to the Conflict configuration parameters to define the maximum number of retries allowed
- the addition of MaxRetryFail to the Conflict configuration parameters to define the action High-speed Apply Engine takes when MaxFailedRetries is exceeded
Aliases for distribution of work

For distribution by object, distribution is based on the base table when an alias or single table view is used to identify the table_name in the SQL statement (for example, INSERT INTO table_name (col1, col2) values (“xxx”, “yyy”)).

LOADPLUS APMULTIROW option

High-speed Apply Engine now supports the LOADPLUS option APMULTIROW with the configuration parameters MultiRowInsert and MaxRows.

Documentation changes

- All messages are now available in the BMC Documentation Center, which is accessible from the BMC Support Central site (http://www.bmc.com/support). A separate messages manual is no longer available.

- Installation and configuration information is now located in the following books:
  - Installation System User Guide
  - BMC Products and Solutions for DB2 Configuration Guide

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 System User Guide.
Requirements

For software, hardware, and other requirements, see the Installation System User Guide.

Installation changes

For information about installation changes, see the Installation System release notes.

FMID and version information

This release of the High-speed Apply Engine uses version 2.3.60 of the Installation System and 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>FMID</th>
<th>Product or component</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAR71C</td>
<td>SAS_C and SAS_C++</td>
<td>7.1.00</td>
</tr>
<tr>
<td>BBAPW32</td>
<td>BMC Password Security System</td>
<td>3.2.00</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1.00</td>
</tr>
<tr>
<td>ZAPTB10</td>
<td>High-speed Apply Engine</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZAUP241</td>
<td>BMCSORT</td>
<td>2.4.01</td>
</tr>
<tr>
<td>ZBMR15E</td>
<td>ISR External Routines</td>
<td>1.5</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C runtimes and C++ objects</td>
<td>1.9</td>
</tr>
<tr>
<td>ZSCCB10</td>
<td>DB2 Solution Common Code (SCC)</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZZIO160</td>
<td>DB2 Option Carryover</td>
<td>1.6.00</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for High-speed Apply Engine only. You can also obtain product, solution, and component information (FMIDs, codes, and versions) in the following ways:

- View the $B76APLF JCL member.

To search the file, search on the word FORFMID.
View one of the following reports:

- bxx_ozi_tape_product_list.txt lists products and components for the B-series installation (shared and infrastructure products).
- cxx_ozi_tape_product_list.txt lists products and components for the C-series installation (BMC products for DB2®).
- ixx_ozi_tape_product_list.txt lists products and components for the I-series installation (BMC products for IBM IMS®).
- mxx_ozi_tape_product_list.txt lists products and components for the M-series installation (MainView products).

To access the reports on the BMC electronic software distribution (ESD) site, take the following steps:


2. Click Electronic Downloads.

3. Click readme.

4. In the “Before you begin” section, click a product media listing.

**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). BMC ISR is available for all products that you install via the Installation System. For more information, see the Installation System User Guide.

**NOTE**

Before applying maintenance, ensure that you have completed the $B76APLF job to set up your maintenance environment.
Support status

You can find the support status for specific product versions on the Support Central website. Selecting a product from the “A – Z Supported Product List” shows:

- All versions of the product and their current support levels (full or limited)
- Dates on which support ends

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

Product documentation

From the Support Central website (http://www.bmc.com/support), you can:

- Link to the BMC Documentation Center (https://webapps.bmc.com/infocenter/index.jsp) to browse documentation sets
- View BMC Quick Course Demos (short overviews of selected product concepts, tasks, or features), which are included in the BMC Documentation Center
- View individual product documents (books and notices) within the “A – Z Supported Product List”

You can order hardcopy documentation from your BMC sales representative or from the support site. You can also subscribe to proactive alerts to receive e-mail messages when notices are issued.

Customer support

If you have problems with or questions about a BMC product, see the 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 1 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.