BMC is releasing version 11.2.00 of the UNLOAD PLUS for DB2 product.

UNLOAD PLUS is available as a stand-alone product and as a component of the following solutions:

- BMC High Speed Utilities for DB2
- BMC Object Administration for DB2
- BMC 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 data

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

The following topics are discussed:

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What's new

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

Inline LOB data

UNLOAD PLUS now allows you to unload inline LOB data when specifying DIRECT YES or DIRECT NO. (Earlier versions required DIRECT NO.)

**Note**
PTF BPU6778 provided this functionality for version 11.1.00. For more information, see the technical bulletin dated October 31, 2014.

Spanned data

When DIRECT YES is in effect, you can now unload LOB and XML data, including inline LOB data, to a standard VBS data set.

**Note**
This data set is a standard VBS data set whose format is similar to the IBM proprietary spanned record format. The FORMAT SPANNED YES option of the IBM DB2 LOAD utility requires that the input be in the IBM proprietary spanned record format. Therefore, you cannot use the IBM DB2 LOAD utility to load the VBS data set that UNLOAD PLUS produces.

To enable this feature, you specify the SPANNED YES option. For more information about this option, see the *UNLOAD PLUS for DB2 Reference Manual*.

**Note**
PTF BPU6778 provided this functionality for version 11.1.00. For more information, see the technical bulletin dated October 31, 2014.
DB2 Analytics Accelerator

When DIRECT NO is in effect, UNLOAD PLUS now optionally offloads eligible queries to the IBM DB2 Analytics Accelerator for z/OS.

You can enable this support with either the QUERY_ACCELERATION DSNZPARM, as documented in the IBM documentation, or by using the new UNLOAD PLUS option SET CURRENT QUERY ACCELERATION ALL. For more information about this option, see the UNLOAD PLUS for DB2 Reference Manual.

CENTURY installation option

UNLOAD PLUS now supplies a default value of (1950,2049) for the CENTURY installation option. (Earlier versions were not shipped with a value for this option, requiring that you supply it during installation.)

If you currently use a default value other than (1950,2049), either change the value in your installation options module after installation, or use the Installation System to migrate your current option values.

RREPL status

UNLOAD PLUS now supports read-or-replication-only (RREPL) status.

End of support for DB2 versions

Starting with this release, UNLOAD PLUS does not support Version 9 of the IBM DB2 database management system. In addition, UNLOAD PLUS supports DB2 Version 10 only in new-function mode.

Earlier releases will continue to support Version 9 and other modes of DB2 Version 10.

System and software requirements

This version of UNLOAD PLUS has the following changes to minimum requirements from version 11.1.00:

■ DB2 Solution Common Code (SCC) version 11.1.00 with current maintenance
■ DB2 Utilities Common Code (D2U) version 11.2.00
Documentation changes

This release includes the following documentation changes:

- In addition to the *Installation System Reference Manual*, BMC now provides the *Installation System Quick Start*, which enables you to quickly install the product with the Installation System.

- The name of the *BMC Products and Solutions for DB2 Configuration Guide* has changed to *BMC Products and Solutions for DB2 Customization Guide*.

BMC Documentation Center changes

The primary BMC Documentation Center is now available without a support login. This center offers:

- Documentation and Quick Courses for all products except Cost Optimization products

- Messages for all products, including Cost Optimization products

A new, secured Cost Optimization Documentation Center offers documentation and Quick Courses for the following products:

- BMC Application Accelerator for IMS
- BMC Cost Analyzer for zEnterprise (CAzE)
- BMC Intelligent Capping for zEnterprise (iCap)
- BMC Subsystem Optimizer for zEnterprise (Subzero)

*Note*

You must log in using your BMC Support ID to access the Cost Optimization Documentation Center.

To access the Documentation Centers, go to:

- BMC Documentation Center
- BMC Cost Optimization Documentation Center

Installation

To download the latest version of the Installation System, complete these steps:
1 Go to http://www.bmc.com/support/reg/installation-system.html, or navigate to the “BMC data management for DB2 and IMS, MainView, and cost optimization products installation and maintenance” section of the BMC Support Central website.

   A BMC support user ID and password are required.

2 Click Installation.

3 Follow the procedures.

   **Note**

   BMC recommends updating the Installation System each time you use it to ensure that you have the most recent information. To do so, on the Installation System Main Menu, select **Check for Installation System Update**. For additional information, see the **Installation System Reference Manual**.

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

UNLOAD PLUS is installed by using the Installation System. This section contains installation information that supplements or supersedes the information in the Installation System documentation.

**Requirements**

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

**Installation changes**

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

**FMID and version information**

This release of UNLOAD PLUS uses version 2.4.10 of the Installation System.

   **Note**

   If you have a later version of the Installation System, 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>BBASC70</td>
<td>SAS_C</td>
<td>7.0.00</td>
</tr>
<tr>
<td>ZADUB20</td>
<td>UNLOAD PLUS for DB2</td>
<td>11.2.00</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1.00</td>
</tr>
<tr>
<td>ZAUP241</td>
<td>BMCSORT</td>
<td>2.4.01</td>
</tr>
<tr>
<td>ZBMRI5E</td>
<td>ISR External Routines</td>
<td>1.5.00</td>
</tr>
<tr>
<td>ZBST100</td>
<td>BMC Support Tool</td>
<td>1.0.00</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C runtimes and C++ objects</td>
<td>1.9.00</td>
</tr>
<tr>
<td>ZD2UB20</td>
<td>Utilities Common Component</td>
<td>11.2.00</td>
</tr>
<tr>
<td>ZPWD330</td>
<td>BMC Password Security System</td>
<td>3.3.00</td>
</tr>
<tr>
<td>ZSCCB10</td>
<td>DB2 Solution Common Code</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZZIO180</td>
<td>DB2 Option Carryover</td>
<td>1.8.00</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for UNLOAD PLUS only. You can also obtain product, solution, and component information (FMIDs, codes, and versions) in the following ways:

- View the generated installation JCL member $176APLF.
  To search the file, search on the word `FORFMID`.

- View one of the following reports:
  
  — `bxx_ozi_tape_product_list.txt` lists FMIDs for cost optimization products, products shared across product lines, and infrastructure products.
  
  — `cxx_ozi_tape_product_list.txt` lists FMIDs for BMC products for IBM DB2.
  
  — `ixx_ozi_tape_product_list.txt` lists FMIDs for BMC products for IBM IMS.
  
  — `mxx_ozi_tape_product_list.txt` lists FMIDs for MainView products.

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

1. Go to [http://www.bmc.com/support/reg/installation-system.html](http://www.bmc.com/support/reg/installation-system.html), or navigate to the “BMC data management for DB2 and IMS, MainView, and cost optimization products installation and maintenance” section of the BMC Support Central website.

2. Click **Product codes and FMIDs**.
3 Click one of the listed reports.

**Maintenance**

After you install your software, you can download any additional SMP/E maintenance by using either BMC Internet Service Retrieval (BMC ISR) or eFix PTF Distribution Services (http://apps.bmc.com/support/efix.cgi).

BMC ISR is available for all products that you install by using the Installation System. For more information, see the Installation System documentation.

**Note**

Before applying maintenance, ensure that you have successfully run the $176APLF job to set up your maintenance environment.

BMC strongly recommends that you apply all available maintenance for the product and for the components and associated products that you installed with it.

**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 to browse documentation sets (http://www.bmc.com/available/documentation-center.html or, for secured documentation sets, http://www.bmc.com/available/documentation-center-secure.html)
- View Quick Course videos (short overviews of selected product concepts, tasks, or features), which are available from the following locations:
  
  — Documentation Center (primary center and secured center)
  
  — Support Central (at http://www.bmc.com/support/mainframe-demonstrations)
  
  — BMC Mainframe YouTube channel (https://www.youtube.com/user/BMCSoftwareMainframe)

- View individual product documents (books and notices) within the “A – Z Supported Product List” (https://webapps.bmc.com/support/faces/az/supportlisting.jsp)

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.

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