BMC is releasing version 11.1.00 of the CHECK PLUS for DB2® product.

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

- BMC High-Speed Utilities for DB2
- BMC Recovery 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.

NOTE
The CHECK PLUS for DB2 Reference Manual has not been updated since the 10.1 release. For complete reference information, use these release notes and the CHECK PLUS 10.2 release notes along with the reference manual.

DB2 Version 11 support

CHECK PLUS supports the following features of IBM® DB2 Version 11:

- Catalog and directory changes and restructuring
- Extended relative byte addresses (RBAs) and log record sequence numbers (LRSNs)
- For CHECK TABLESPACE only, table spaces that contain indexes defined with EXCLUDE NULL KEYS

NOTE
When you specify CHECK INDEX or CHECK DATA, CHECK PLUS terminates when encountering these types of indexes.

XBM subsystem identification

CHECK PLUS no longer requires that you specify an EXTENDED BUFFER MANAGER (XBM) subsystem for check jobs that use snapshot technology. When the following conditions exist, CHECK PLUS searches for an XBM subsystem that is at the correct maintenance and enablement level:

- You specify SHRLEVEL CHANGE.
- A value is not in effect for the XBMID option.

User 3900 abends

This release enhanced the locking technique for sequential file access to reduce the possibility of user 3900 abends.
RREPL status

CHECK PLUS terminates when encountering an object that is in read-or-replication-only (RREPL) status.

System and software requirements

This version of CHECK PLUS has the following changes to minimum requirements from version 10.2.00:

- IBM System z10® processor
- DB2 Solution Common Code (SCC) version 11.1.00 with PTF BPJ0689
- DB2 Utilities Common Code (D2U) version 11.1.00
- XBM or SNAPSHOT UPGRADE FEATURE (SUF) version 6.1.00

Installation


**NOTE**

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

CHECK PLUS 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.

Known installation issue

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.

FMID and version information

This release of CHECK PLUS uses version 2.3.70 or later 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>BBASC70</td>
<td>SAS_C</td>
<td>7.0.00</td>
</tr>
<tr>
<td>ZACKB10</td>
<td>CHECK PLUS for DB2</td>
<td>11.1.00</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></td>
</tr>
<tr>
<td>ZBST100</td>
<td>BMC Support Tool</td>
<td>1.5.00</td>
</tr>
<tr>
<td>ZDIG190</td>
<td>Dignus C runtimes and C++ objects</td>
<td>1.9.01</td>
</tr>
<tr>
<td>ZD2UB10</td>
<td>DB2 Utilities Common Component</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZSCCB10</td>
<td>DB2 Solution Common Code</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZZIO170</td>
<td>DB2 Option Carryover</td>
<td>1.7.00</td>
</tr>
</tbody>
</table>
The preceding table contains the FMIDs for CHECK PLUS 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 IBM 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 CHECK PLUS, BMC strongly recommends that you apply all available maintenance for the product and for the components and associated products that you installed with it. 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 by using the Installation System. For more information, see the Installation System User Guide.
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.

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