BMC is releasing version 12.1.00 of the BMC Next Generation Technology Utility Manager for DB2 for z/OS product.

**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.

Installation of NGT products

You now use the BMC Installation System to install and configure the NGT products.

Use the following documentation to assist you in installing, configuring, and customizing the NGT products:

- *Installation System Quick Start*
- *Installation System Reference Manual*
- *BMC Products and Solutions for DB2 Customization Guide*

The *BMC Next Generation Technology Installation Guide* is now obsolete.

Support for IBM DB2 Version 12

This release adds support for DB2 Version 12.

This release supports:

- DB2 Version 12
- DB2 Version 11
- DB2 Version 10 in new-function mode (NFM) only

Authorization ID

The NGT products now enable you to use the DBM1 authorization ID.

New component requirement

The NGT products now use the DB2 Solution Common Code (SCC) component. SCC is installed when you install the NGT products.
BMC introduced this requirement for version 11.2 via BMC PTFs BPU8370, BPU8384, and BPJ1316.

**Synonyms**

The NGT products now use aliases instead of synonyms.

**Setting up the NGT Utility Manager in BMC Workbench**

The BMC Workbench for DB2 product now enables you to view, edit, and create records in the Criteria, Exceptions, and Schedule BMC Next Generation Technology (NGT) Utility Manager tables.

For more information about these tables, see the *BMC Next Generation Technology Utility Manager for DB2 for z/OS Reference Manual*.

For more information, view the Quick Course "**Workbench for DB2 - Setting up NGT Utility Manager**", the *BMC Workbench for DB2 User Guide*, and the BMC Workbench online Help.

You can use this feature if you have a license for *any* of the following simplified solutions:

- BMC High Speed Utilities for DB2
- BMC Object Administration for DB2
- BMC Recovery for DB2
- BMC Performance for DB2 SQL
- BMC Performance for DB2 Databases
- BMC Utility Management for DB2
- BMC Large Object Management for DB2

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**Note**

BMC Next Generation Technology Utility Manager for DB2 for z/OS is only available as part of various DB2 solutions, including BMC Utility Management for DB2.
Object set management in BMC Workbench

The BMC Workbench for DB2 product now enables you to manage object sets, which are used by the RECOVERY MANAGER and DASD MANAGER PLUS products, and by certain NGT utilities.

Note

In BMC Workbench, you can edit only object sets that were created by using BMC Workbench. However, you can resolve, copy, and view object sets from all sources.

For more information, view the Quick Course "Workbench for DB2 - Managing object sets," the BMC Workbench for DB2 User Guide, and the BMC Workbench online Help.

Users who have a license for any of the following simplified solutions can access and use BMC Workbench to manage object sets:

- BMC High Speed Utilities for DB2
- BMC Object Administration for DB2
- BMC Recovery for DB2
- BMC Performance for DB2SQL
- BMC Performance for DB2 Databases
- BMC Utility Management for DB2
- BMC Large Object Management for DB2

Component and library names

Many of the NGT product components and libraries with names beginning with CDB have been renamed to begin with NGT.

In most cases, the name change only substitutes NGT for CDB (for example, CDBDISP is now NGTDISP). CDBEXEC is the exception in that it has been renamed to NGTAUTO. These name changes are reflected in the NGT messages and in the documentation.

COPY PLUS for DB2 name change

Starting with this release, the name of the COPY PLUS for DB2 product has changed to the BMC Next Generation Technology Copy for DB2 for z/OS (or NGT Copy) product. Affected product panels and documentation use the new name.
RECOVER PLUS for DB2 name change

Starting with this release, the name of the RECOVER PLUS for DB2 product has changed to the BMC Next Generation Technology Recover for DB2 for z/OS (or NGT Recover) product. Affected product panels and documentation use the new name.

Maintenance listing

Each NGT product now reports the BMC maintenance that has been applied for that product. This information appears in your CDBPRINT.

Installation System changes

Beginning with version 3.1.00 of the Installation System, new product releases necessitate a new Installation System FMID. Before installing any products, always ensure that you have the most recent version of the Installation System installed and that you have refreshed its runtime environment.

This change enables PTF maintenance for individual levels of the Installation System. The change also eliminates the requirement to provide the Installation Maintenance Value, which simplifies the installation process.

For more information, see the release notes for the most current version of the Installation System.

Installation

You install BMC Next Generation Utility Manager for DB2 for z/OS by using the Installation System.

Installing the Installation System or a product

The Installation System is installed and maintained by using SMP/E. Installing the Installation System creates the required SMP/E environment. Use the following procedure to install the Installation System or products.

Before you begin

If you need more information, see these sources:
For software, hardware, and other requirements, see the Installation System documentation.

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

If you prefer physical installation media instead of downloaded images, request physical media from your BMC sales representative. Contact information is available on the BMC website.

**To install the Installation System**

1. Review the most recent Installation System release notes on any product page from the A-Z Supported Product List on Support Central.


3. Click **Installation System**.

4. Click the method you want to use to obtain the Installation System, and follow the provided procedures.

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**WARNING**
The Installation System must be installed into its own SMP/E zone. You should not install anything else into this zone.

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**To install a product**

1. Ensure that you have the most recent version of the Installation System installed and that it has any required PTFs applied.

   To determine the most recent version number, see the most recent Installation System release notes on any product page from the A-Z Supported Product List on Support Central. To determine the version number of your current Installation System, see the title line on the Installation System Main Menu. Required PTFs are announced in technical bulletins.

2. Start the Installation System.

3. Follow the on-screen prompts.

   For more information, see the Installation System documentation.

**Maintaining the Installation System or a product**

Use the following procedures to maintain the Installation System or products.
BMC provides fixes for BMC Next Generation Utility Manager for DB2 for z/OS at the component level. To apply fixes for this solution, you must apply fixes for each component of the solution.

### To maintain the Installation System

1. Perform one of the following actions:
   - If you have the most recent version of the Installation System installed, apply any required PTFs.
   - Install the most recent version of the Installation System, and apply any required PTFs.

   To determine the most recent version number, see the most recent Installation System release notes on any product page from the A-Z Supported Product List on Support Central. To determine the version number of your current Installation System, see the title line on the Installation System Main Menu. Required PTFs are announced in technical bulletins.

2. Refresh the Installation System runtime data sets by running the $205RTEC and $206RTEC jobs (in order).

3. Restart the Installation System.

### To maintain a product

1. Check Support Central for product notices, such as technical bulletins about fixes and Recommended Service Level (RSL) availability.

2. Use BMC ISR (recommended) to obtain product PTFs and RSLs.

3. Run the $176APLF installation job to ensure that all required FMIDs are applied.

4. Apply the product maintenance to the product’s SMP/E environment.
   For more information, see Installation System Reference Manual.

### FMID and version information

BMC Next Generation Utility Manager for DB2 for z/OS uses version 3.1.00 (or more recent) of the Installation System.
Note
Always use the most recent version of the Installation System and ensure that it has any required PTFs applied.
To determine the most recent version number, see the most recent Installation System release notes on any product page from the A-Z Supported Product List on Support Central. To determine the version number of your current Installation System, see the title line on the Installation System Main Menu. Required PTFs are announced in technical bulletins.

Installation installs the following versions and SMP/E FMIDs:

<table>
<thead>
<tr>
<th>FMID</th>
<th>Product</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAR71C</td>
<td>SAS_C and SAS_C++ V71</td>
<td>7.1.00</td>
</tr>
<tr>
<td>BBASC70</td>
<td>SAS_C V70B</td>
<td>7.0.00</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1.00</td>
</tr>
<tr>
<td>ZATSC10</td>
<td>BMCSTATS API C1</td>
<td>12.1.00</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>ZNGTC10</td>
<td>NEXT GENERATION TECHNOLOGY</td>
<td>12.1.00</td>
</tr>
<tr>
<td>ZPWD330</td>
<td>BMC Password Security System</td>
<td>3.3.00</td>
</tr>
<tr>
<td>ZSCCC10</td>
<td>BMC Password Security System</td>
<td>3.3.00</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for BMC Next Generation Utility Manager for DB2 for z/OS 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:
  - Optimization products, common products, and common components
  - BMC products for IBM DB2
  - BMC products for IBM IMS
  - MainView products

  To access the reports on Support Central, take the following steps:

2 Click Product codes and FMIDs.

3 Click one of the listed reports.

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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