BMC is releasing version 11.1.00 of the BMC Recovery for DB2® solution.

This solution includes the following components:

- BMC APPLICATION RESTART CONTROL for DB2
- BMC CHECK PLUS for DB2
- BMC COPY PLUS for DB2
- BMC Log Master for DB2
- BMC RECOVER PLUS for DB2
- BMC RECOVERY MANAGER for DB2
- BMC SNAPSHOT UPGRADE FEATURE of EXTENDED BUFFER MANAGER (XBM) 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:

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Solution overview

The new Recovery for DB2 solution provides automation and recovery optimization. Using BMC recovery technology maximizes application availability, decreases costs, and ensures the fastest and most efficient recoveries possible. Page 1 lists all of the components that are included in this solution.

Key benefits of using the Recovery solution include:

- Automatic fallback from backout to forward recovery, if needed, enabling automated recovery from errors
- Inflight resolution technology and timestamp recovery
- Disaster recovery data collection and reporting to simplify disaster recovery planning
- Recovery estimation and simulation that you can use to validate your recovery strategy
- Automated five-level hardware mirroring support
- Encryption of full and incremental copies to protect valuable data (for example, data being sent offsite)
- Creation and use of consistent copies
- Recovery automation and data collection functions
- Function-rich backup capabilities that support the right choices for any eventuality
- Backout recovery capabilities to speed corrections of data corruption
- Instant Snapshot backup and recovery that uses hardware technology to provide rapid and outage-free execution
- High-speed, online, transaction-level recovery
- High-speed change apply capabilities to propagate changes from one DBMS to another
- Enhanced recovery-point selection
- Faster recovery by avoiding recovery of unchanged objects
- Recovery without incurring outages to other DB2 applications
- Full disaster recovery support, including recovery of DB2 subsystems themselves
- Automated drop recovery that simplifies recovering dropped objects and their data
- Automatic copy selection based on size thresholds
Installation

- Automatic index recovery and index rebuild where required, without manual intervention
- Full volume recovery of DB2 data following hardware failure
- Full range of integrity checking, including business rules, referential integrity, and structural integrity
- Automatic resumption of failed or interrupted batch applications from the most recent checkpoint
- Ability to make some changes to DB2 object structures and data with little or no application outages

Installation


NOTE

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

The Recovery solution 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.
Migration from Recovery Management for DB2

If you have the BMC Recovery Management for DB2 solution installed, you can migrate to the new Recovery solution. To do so, install the Recovery solution and apply the CPU authorization password for the Recovery solution. For more information about installing the solution or applying passwords, see the Installation System User Guide.

FMID and version information

This release of the Recovery solution uses version 2.3.70 or later of the Installation System and installation media.

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**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.

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During installation, the following versions and SMP/E FMIDs are installed:

<table>
<thead>
<tr>
<th>FMID</th>
<th>Component</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASAR71C</td>
<td>SAS/C Resident Library</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>BBBBP11</td>
<td>BMC Primary Subsystem</td>
<td>1.1.00</td>
</tr>
<tr>
<td>BBBCS11</td>
<td>BMC SUBSYSTEM</td>
<td>1.1.00</td>
</tr>
<tr>
<td>LOSZ120</td>
<td>RTCS C Library</td>
<td>1.2.00</td>
</tr>
<tr>
<td>ZACKB10</td>
<td>CHECK PLUS</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZACPB10</td>
<td>COPY PLUS</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZAFRB10</td>
<td>RECOVER PLUS</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZAIN031</td>
<td>Install Execution Code</td>
<td>3.1.00</td>
</tr>
<tr>
<td>ZALPB10</td>
<td>Log Master</td>
<td>11.1.00</td>
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<tr>
<td>ZAPTIB10</td>
<td>High-speed Apply Engine</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZARC390</td>
<td>APPLICATION RESTART CONTROL</td>
<td>3.9.00</td>
</tr>
<tr>
<td>ZARMB10</td>
<td>RECOVERY MANAGER</td>
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<td>BMCSORT</td>
<td>2.4.01</td>
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<td>ISR External Routines</td>
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<td>ZBST100</td>
<td>BMC Support Tool</td>
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<td>ZDBCA10</td>
<td>DB2 Component Services</td>
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<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 Code (D2U)</td>
<td>11.1.00</td>
</tr>
<tr>
<td>ZLGCA10</td>
<td>DB2 Product Configuration</td>
<td>10.1.00</td>
</tr>
</tbody>
</table>
The preceding table contains the FMIDs for the Recovery solution 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 the Recovery solution, 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.

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

BMC provides fixes for the Recovery solution at the component level. To apply fixes for this solution, you must apply fixes for each component of the solution.

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.