BMC is releasing version 1.7.00 of the Energizer product for the IBM IMS Connect environment. Energizer is available as a stand-alone product and as a component of the following solutions:

- BMC System Administration for IMS
- BMC System Communication for IMS
- BMC MainView Extensions for IMS TM

**Note**
Before you begin installation, BMC recommends that you check the Support Central website at 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:

- What's new ................................................................. 2
- Support for IMS Version 14.1 .................................................. 2
- Password phrases support and support for other recent enhancements in IMS Connect messages ................................................. 2
- IRM Timer Override function .................................................. 2
- PORT statistics ........................................................................ 3
- ODBM client support when using the LIST CLIENTS command .......... 3
- Switching between static and dynamic journal modes .................. 3
- Console enhancements ............................................................. 4
- Documentation updates .......................................................... 4
- BMC Documentation Center changes ....................................... 5
- Installation ............................................................................. 5
- Requirements ......................................................................... 6
- Installation changes ............................................................... 6
- FMID and version information .................................................. 6
- Maintenance ........................................................................... 8
What's new

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

Support for IMS Version 14.1

Energizer now supports Version 14.1 of the IBM IMS system.

Specifically, Energizer supports the following features:

- Additional type-2 command support for new IMS V14 commands
- Updates include changes to routing to support CREATE/DELETE of IMS datastores

Password phrases support and support for other recent enhancements in IMS Connect messages

Energizer now supports password phrases and other recent enhancements to IMS Connect messages.

For detailed information about the enhancements and how to implement this support, see Knowledge Article KA430007 on the BMC Customer Support website.

IRM Timer Override function

This option allows you to override the IRM Timer setting passed by the client application in the IRM header. In some circumstances, you might want to increase the timer value without changing the client application. For example, during busy periods when OTMA transactions are timing out due to not being processed by IMS within the timer limits.

A new option has been added to the Energizer Routing Options.
**PORT statistics**

Energizer now provides PORT statistics.

Energizer now supports the following commands:

- DISPLAY STAT SUMMARY(PORT)
- DISPLAY STATS DETAIL(PORT) ID(portID)
- RESET STATS TYPE(PORT)

You can access these commands via ISPF option 3.3.6, options 11/12 and 18.

For detailed information about PORT statistics, see Knowledge Article KA417392 on the BMC Customer Support website.

**ODBM client support when using the LIST CLIENTS command**

The LIST CLIENTS command, ISPF option 2.6, now displays OTMA and ODBM Clients.

The TRANSACT column now displays the TRANSACTION name or the ALIAS/ODBM name.

<table>
<thead>
<tr>
<th>ClientID</th>
<th>Trans/Als-ODBM</th>
</tr>
</thead>
<tbody>
<tr>
<td>RIHGPF</td>
<td>PART</td>
</tr>
<tr>
<td>ODB1554B</td>
<td>GPF3-GPF3DMOD</td>
</tr>
</tbody>
</table>

You can stop OTMA and ODBM clients by using the D action command for the client.

**Switching between static and dynamic journal modes**

You can now switch from static (round-robin) to dynamic journal mode and vice-versa without restarting IMS Connect.

**To switch journal modes**

1. Change the IMS Connect option.
2. Save the options.
3 Dynamically reload the IMS Connect options.

**Console enhancements**

This release includes the following changes to the BMC Database Management Console:

- The console now provides perspectives that display data for features in a way best suited for the feature. For example, the console provides an IMS perspective, and a DB2 perspective.
  
  If you are not using a group of features, you can hide the corresponding perspective.
  
  Each perspective reflects its own set of connections. The console attempts to discover all predefined connections from user connection lists and previously defined enterprise data lists.

- The menu bar no longer appears at the top of the console. Instead, to access console-wide functions (including the online Help), click your user name in the top-right corner of the console.
  
  For example, to show or hide perspectives, click `userName => Tools => Options`. Then, on the Show Perspective tab, select the features that you want to show or hide and click `OK`.
  
  You can access all other functions from the perspectives.

- The console now supports using version 1.0 of the Transport Layer Security (TLS). Using TLS is optional, and no changes are required if you do not intend to use TLS. For more information about these and other changes to the console, see the console’s online Help.
  
  For more information about implementing TLS, see the Database Management Console technical bulletin dated May 7, 2015.

**Documentation updates**

These release notes and the Energizer for IMS Connect online Help document all of the version 1.7.00 changes. BMC plans to update the other Energizer product documents for future release.

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*Note*

The *System Administration Products for IMS Configuration Guide* has been renamed the *System Administration Products for IMS Customization Guide*. 

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4 Release notes December 4, 2015
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

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

Starting with version 3.0.00 of the Installation System, you install it and maintain it by using SMP/E. After creating the Installation System SMP/E environment, you apply PTFs to keep it updated. (The PTFs support releases of new BMC products, or fix problems in the Installation System itself.) You will not need to install the Installation System again until BMC releases a new version of it. For more information about this change, see the Installation System documentation.

Before starting any installation, check for and apply any PTFs for the Installation System. BMC recommends using BMC Internet Service Retrieval (BMC ISR) to obtain PTFs. For more information, see the Installation System documentation.
To download the Installation System for the first time, 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. Click the method you want to use to obtain the Installation System.

4. Follow the procedures.

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

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**Requirements**

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

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**Installation changes**

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

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**FMID and version information**

This release of Energizer uses version 3.0.00 of the Installation System. The maintenance version is 3000, which is used in the Installation System setup utility.

   **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++ V71</td>
<td>7.1.00</td>
</tr>
<tr>
<td>FMID</td>
<td>Product or component</td>
<td>Version</td>
</tr>
<tr>
<td>----------</td>
<td>----------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>BBASC70</td>
<td>SAS_C V70B</td>
<td>7.0.00</td>
</tr>
<tr>
<td>YICO110</td>
<td>IMS Common/TM</td>
<td>1.1.00</td>
</tr>
<tr>
<td>ZBMR15E</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>ZDHS053</td>
<td>DNA Host Services</td>
<td>5.3.00</td>
</tr>
<tr>
<td>ZICO300</td>
<td>IMS COMMON CODE - CONTENT, CONFIG, GUI</td>
<td>3.0.00</td>
</tr>
<tr>
<td>ZIPR170</td>
<td>Energizer for IMS Connect</td>
<td>1.7.00</td>
</tr>
<tr>
<td>ZPWD330</td>
<td>BMC Password Security System</td>
<td>3.3.00</td>
</tr>
<tr>
<td>ZSMF550</td>
<td>DNA Console</td>
<td>5.5.00</td>
</tr>
<tr>
<td>ZUIM550</td>
<td>UIM User Interface Middleware</td>
<td>5.5.00</td>
</tr>
<tr>
<td>ZUSC550</td>
<td>UIM Common Services</td>
<td>5.5.00</td>
</tr>
<tr>
<td>ZUWS540</td>
<td>UIM Web Services</td>
<td>5.4.00</td>
</tr>
</tbody>
</table>

The preceding table contains the FMIDs for Energizer 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 product maintenance by using either BMC ISR or eFix PTF Distribution Services (http://efix.bmc.com).

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

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**Note**

Before applying maintenance, ensure that you have successfully run the $176APLF job to ensure that all required FMIDs are applied.

## 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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