BMC is releasing version 1.1.00 of the Cost Analyzer for zEnterprise product. Cost Analyzer is a web-based product that helps you analyze the costs of IBM software products based on a sub-capacity Monthly License Charge (MLC) contract in an IBM z/OS environment.

**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.

The following topics are discussed:

What's new ......................................................................................................................... 2
  MLC pricing metrics ........................................................................................................ 2
  Aggregated workloads ................................................................................................. 4
  Monthly Summary Report ............................................................................................. 5
  New UIE command for compatibility with SMF Type 89 records ............................... 6
Known Issues .................................................................................................................... 6
Installation ......................................................................................................................... 6
  CDB server system requirements ................................................................................ 7
  Cost Analyzer applications server requirements ...................................................... 8
  Cost Analyzer web-browser requirements .................................................................. 8
  Update considerations ................................................................................................. 9
Support status .................................................................................................................. 10
Product documentation ................................................................................................. 10
Customer support .......................................................................................................... 10
What's new

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

In general, the changes and enhancements to Cost Analyzer accomplish the following goals:

- Support all pricing metrics, enabling you to apply them to costing data as needed to generate accurate reports that reflect actual IBM invoices
- Expand cost analysis to provide insight into how system activity, exceptions, and changes affect the components of your sub-capacity MLC costs

For a short video demo describing what’s new in this release, see https://webapps.bmc.com/infocenter/index.jsp. In the BMC Documentation Center, you can access the demo library via BMC Quick Course Library in the Contents pane on the left.

MLC pricing metrics

This release expands your control over building cost models and applying cost data.

More accurate cost models

Using the new advanced options in the Model Builder Tasks tool, you can account for some exceptions you may have in your licensing agreements and define cost models that more accurately reflect your actual IBM invoice.

When defining a Model Builder Task, you can:

- List LPARs that are using zNALC Pricing Metric
- Exclude specific LPARs from the model build process
New MSU Cost Editor functions

Figure 1 on page 3 shows the redesigned MSU Cost Editor.

Figure 1: MSU Cost Editor

The new MSU Cost Editor expands your control over the cost coefficient tables and lets you:

- Edit tables of cost coefficients for each pricing metric type that applies to an MLC product
- Specify pricing metric overrides for particular MLC products
- Designate Single Version Charging (SVC) for two versions of the same MLC product
- Edit tables of cost coefficients for priced features of MLC products

Ability to customize default values for CPCs and Sysplex Pricing

Cost Analyzer automatically assigns default values to a CPC’s pricing metric type and, if applicable, to its grouping in a PricingPlex. A new Administration Tool, the CPC Configuration Editor (Figure 2 on page 4), lets you verify and edit the default values and control whether Sysplex Pricing is applied to the cost models.
Figure 2 on page 4 shows a CPC Configuration Editor:

**Figure 2: CPC Configuration Editor**

---

**Aggregated workloads**

The product now supports analysis of aggregated workloads across CPCs.

You can analyze and compare individual workload contributions to CPC 4HRA utilization, aggregated by all or a sub-group of LPARs. This view provides detailed look at how workload utilization is distributed across the CPC.
Figure 3 on page 5 shows the Aggregated (by LPARs) Workload Viewer, which is accessible from the Monthly Summary Report.

 Monthly Summary Report

This release includes the following enhancements to the Monthly Summary Report:

- Reorganized data columns concentrate cost data for comparative analysis.
- You can now resize the 4HRA MSU Utilization chart column.
- You can display summarized chart statistics by hovering the cursor over any 4HRA MSU Utilization chart.
- MLC products with Priced Features contain a hyperlink to a cost breakdown by Priced Features.
- CPC names now indicate their PricingPlex grouping if Sysplex Pricing is in effect.
- The breakdown of z/OS costs includes separate cost data for z/OS, z/OS Traditional, and z/OS zNALC pricing.
- Cost Analyzer automatically uses applicable Technology Update pricing reductions and some other unconditional discounts.
New UIE command for compatibility with SMF Type 89 records

This release adds a new command to the Universal Information Exchange (UIE).

Cost Analyzer uses SMF Type 89 records to build the cost models that generate all costing data. However, some enterprises use MLC products or Priced Features that do not create SMF Type 89 records. To include cost data in the cost models for those products or Priced Features, add NO89 to the JCL that runs the UIE batch job. For more information, see Appendix C “UIE Command NO89” in the Cost Analyzer for zEnterprise User Guide.

Known Issues

This section describes issues that remain open in this release. The table lists the tracking ID and correcting PTF if BMC has assigned a PTF to the issue.

The table lists the tracking ID and correcting PTF if BMC has assigned a PTF to the issue. The following table describes issues that can occur when using the Planning Tool.

<table>
<thead>
<tr>
<th>Cost Analyzer for zEnterprise 1.1.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tracking ID</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>QM001804705</td>
</tr>
<tr>
<td>QM001809625</td>
</tr>
<tr>
<td>QM001809627</td>
</tr>
</tbody>
</table>

Installation
Download the latest version of the software by using the Electronic Product Distribution (EPD) facility. You can navigate to the EPD page from the Support Central website at http://www.bmc.com/support.

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

This section contains software, hardware, or other requirements. For additional information, see the *Cost Analyzer for zEnterprise User Guide*.

**CDB server system requirements**

The following describes the CDB server requirements:

- **Operating system**
  - Microsoft Windows Server 2012 R2
  - Windows Server 2012
  - Windows Server 2008 R2
  - Windows 8.1
  - Windows 8
  - Windows 7

- **Features**
  - Microsoft .NET Framework 4.5 must be installed.
  - Microsoft message Queuing Server (MSMQ) must be installed and running.

- **Microsoft Internet Information Services (IIS)**
  - IIS must be installed.
  - IIS ASP.NET must be enabled.
  - IIS Windows Authentication must be enabled.
  - IIS Metabase must be enabled.
Cost Analyzer applications server requirements

The following describes the application server requirements:

- Operating system
  - Microsoft Windows Server 2012 R2
  - Windows Server 2012
  - Windows Server 2008 R2
  - Windows 8.1
  - Windows 8
  - Windows 7

- Additional OS features and roles
  - Microsoft .NET Framework 4.5
  - Microsoft Message Queuing Server ( MSMQ)
  - Internet Information Services (IIS) for your version of Windows, with the following items enabled:
    - IIS ASP.NET
    - IIS WCF HTTP Activation
    - IIS Windows Authentication
    - IIS Metabase

- Memory of 8 GB

Cost Analyzer web-browser requirements

The following describes the web-browser server requirements:

- Operating system
— Microsoft Windows Server 2012 R2
— Windows Server 2012
— Windows Server 2008 R2
— Windows 8.1
— Windows 8
— Windows 7

■ Web-browser
— Windows Internet Explorer 8 or later
— Mozilla Firefox
— Google Chrome

■ Latest version of Microsoft Silverlight

■ Memory of 4 GB

■ Screen resolution of 1280 x 1024

---

**Note**

For screen resolutions lower than 1280 x 1024, BMC recommends running your web browser in full-screen mode (F11).

---

**Update considerations**

When you upgrade Cost Analyzer, consider the following items:

■ If you created multiple Model Builder Tasks for different workloads, you should create a single new Model Builder Task for all workloads.

■ You must update the cost tables by using the MSU Cost Editor.

■ You must verify the CPC configuration by using the CPC Configuration Editor.
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 800 537 1813. Outside the United States or Canada, contact your local BMC office or agent.