



## Product Update Bulletin 2021-1

This product update, CPEXPERT Release 30.1, provides changes to both software and documentation. With Release 30.1, CPEXPERT has been updated to: (1) provide changes/enhancements to the WLM Component; (2) add new features to the CICS Component; and (3) correct errors that have been reported.

- **Changes to the WLM Component:** The main changes to the WLM component with CPEXPERT 30.1 were to add new RULEs to analyze z15 EADM/zEDC performance and new RULEs to analyze/report z15 System Recovery Boost events. Note that updated-maintenance level MXG 38.06 is required – at this time, there is no equivalent MICS support available.
- **Changes to the CICS Component:** The main changes to the CICS component with CPEXPERT 30.1 were:
  - to add new CICS Auto-Discovery utility. This standalone utility can be used to analyze historical PDB data and generate CICGUIDE guidance variable/value combinations. This utility is documented separately in PDF-format with supplemental instructions;
  - to add SAS ODS charting and reporting for CICS STATISTICS CPU Consumption by TCB-Type (CICGUIDE parameter RPTCPUTCB=Y);
  - to confirm CICS/TS V5R6 toleration support; and
  - to correct errors reported by users.
- **Changes to the Db2 Component:** Rules DB2-701 and DB2-702 have been added for Db2 storage usage (SMF100 subtype 4 analysis performed). These supersede rule DB2-270 as of Db2 version 8.
- **Changes to the DASD Component:** The main changes to the DASD component with CPEXPERT 30.1 were to correct errors reported by users.
- **Changes to the MQ Component:** The main changes to the WMQ component with CPEXPERT 30.1 were to correct errors reported by users.

### A request...

We are seeking SMF data from z15 production systems to improve CPEXPERT. Please email [support@cpexpert.com](mailto:support@cpexpert.com) if you can help.

## Software and Documentation FTP download

CPEXpert Release 30.1 (both code and documentation) is available via ftp download from the CPEXpert ftp server. If you do not receive ftp credentials or have any issues with ftp delivery, please email [support@cpexpert.com](mailto:support@cpexpert.com).

### CPEXpert 30.1 Installation

We suggest that you perform the following steps to install Release 30.1:

- If you are new to CPEXpert, review the *CPEXpert Installation Guide* Section 1 (Introduction) and Section 2 (Installing CPEXpert) in order to become familiar with the software.
- If you already have CPEXpert operating in a production environment, this install process will be performed in a parallel-test environment to become familiar with the new release's technical support and features.
- Using the CPEXpert FTP server credentials received with your new release / install notification email, download the CPEXpert software libraries and documentation to either your Intranet workstation/server system or directly to your z/OS system where CPEXpert will operate. The software is delivered as follows:
  - IEBUPDTE (IBM utility) data-streams named source.301.ebc and usource.301.ebc
  - Directory/file zip-archive format data files named source.301.ascii.zip and usource.301.ascii.zip – these files are intended for use with operating CPEXpert on an OS platform other than z/OS (such as Windows, Linux.)
  - CPEXpert software documentation in PDF-format – refer to guidance below about documentation.
- Install CPEXpert using the installation procedures described in the *CPEXpert Installation Guide, Section 2*. As part of the install process, you will want to review and optionally tailor the GENGUIDE and component-licensed cccGUIDE members in your USOURCE library.
- After suitable parallel-environment testing is complete and you are ready to migrate your CPEXpert production environment to the newer-release, compare your site's existing GENGUIDE and component-licensed cccGUIDE members with particular attention to any existing CPEXpert %LET statement that are suitable for continued use. This step should be performed so you do not have to recreate all of your unique parameters.<sup>1</sup> Please contact CPEXpert Support with any questions as you perform the release-to-release comparison process.

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<sup>1</sup> The exception to this statement is if you chose to use the "yesterday" option in selecting data. The "yesterday" calculation is done by a PREVIOUS macro contained in USOURCE(GENGUIDE). The

- The updated CPEXpert user documentation also is available on the ftp site. It is your option whether you wish to download only the manuals, or also download the individual rule PDF-format documents, available in the Individual Rule Documentation folder on the ftp site. These <rule>.pdf documents are used with the GENGUIDE PDF-related feature and suitable %LET statement parameters.
- If you have implemented the CPEXpert option to produce output to the SAS Output Delivery System (ODS) and if you have exercised the LINKPDF option so you can “click” on a rule in the html output to see the documentation, please remember to load the new individual rule documentation onto your system.
- If you chose to implement the CPEXpert email option, please update the xxxEMAIL modules in USOURCE to reflect your unique email requirements.

## Thanks

We would like to say "Thank you" to the following individuals. These folks have proposed new features, graciously contributed their time/attention, test data, or suggested documentation changes since the last Update Bulletin, or discovered errors:

James Barton (U.S. Department of Veterans Affairs)  
Glenn Bowman (Wakefern Food Corp.)  
Harald Seifert (HUK-COBURG)  
Ray Smith (Optum)  
James Theobald (Royal Canadian Mounted Police)

Please send an email if you have suggestions, you want new features, or you would like to see additional reporting done by CPEXpert.

Best regards,

David Roth

Computer Management Sciences  
+1 (804) 776-7109  
www.cpexpert.com  
support@cpexpert.com

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PREVIOUS macro is placed in USOURCE so you can select “yesterday” as the immediate previous day, or can define “yesterday” as any other previous day you chose. Placing the PREVIOUS macro in USOURCE(GENGUIDE) allows you to make such a modification, without altering a SOURCE member. Consequently, if you copy your old USOURCE(GENGUIDE) member to CPEXPRT.V301.USOURCE, you may wish to append the PREVIOUS macro from your old USOURCE(GENGUIDE) into your new USOURCE(GENGUIDE).