



## Product Update Bulletin 2020-1

This product update, CPEXPERT Release 29.1, provides changes to both software and documentation. With Release 29.1, CPEXPERT has been updated to: (1) provide changes/enhancements to the WLM Component; (2) add a new feature to the Db2 Component; and (3) correct errors that have been reported.

- **Changes to the WLM Component:** The main changes to the WLM component with CPEXPERT 29.1 were to confirm z/OS V2R4 toleration support and also to add new-function SAS ODS charting for 4-Hour Rolling Average and WLM Service Class CPU Consumption, as detailed below:
  - SAS ODS / Structured Graphics (SG) charts: 4-Hour Rolling Average (WLMGUIDE parameter WLMG4=Y) and WLM Service Class CPU Consumption (WLMGUIDE parameter WLMG5=Y).
  - Please note, the WLMG5 chart (HEATMAP) requires SAS 9.4 TS1M5 or higher.
  - Toleration support for z/OS V2R4.
  - Other changes to the WLM Component were to correct errors reported by users.
- **Changes to the CICS Component:** The main changes to the CICS component with CPEXPERT 29.1 were to confirm CICS/TS V5R5 toleration support.
- **Changes to the DASD Component:** The main changes to the DASD component with CPEXPERT 29.1 were to correct errors reported by users.
- **Changes to the Db2 Component:** The main changes to the DB2 component with CPEXPERT 29.1 were to add new-function and to correct errors reported by users.
  - New DB2 Auto-Discovery utility function: a standalone utility used to analyze historical PDB data and generate DB2GUIDE guidance variable/value combinations. Documented separately in CPEXPERT Db2 Component supplemental documentation. We are interested to hear from CPEXPERT users who may have interest for a similar-function utility with the other components.
- **Changes to the MQ Component:** The main changes to the WMQ component with CPEXPERT 29.1 were to correct errors reported by users.

## Software and Documentation FTP download

CPEXpert Release 29.1 (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 29.1 Installation

We suggest that you perform the following steps to install Release 29.1:

- Create a new PDS (or PDSE) library titled "prefix.CPEXPRT.V291.SOURCE".
- Create a new PDS/PDSE titled "prefix.CPEXPRT.V291.USOURCE".
- Install CPEXpert into the "prefix.CPEXPRT.V291.SOURCE" using the normal installation procedures described in the *CPEXpert Installation Guide*.
- Install CPEXpert into the "prefix.CPEXPRT.V291.USOURCE" using the normal installation procedures described in the *CPEXpert Installation Guide*. This step will cause the CPEXpert GENGUIDE/cocGUIDE members and optional email macros to be loaded into USOURCE for tailoring, as required.
- 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 cocGUIDE 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 parameter.<sup>1</sup> Please contact CPEXpert Support with any questions as you perform the release-to-release comparison process.

**Downloading via ftp:** If you elected to download updates from the CPEXpert ftp server, you can copy the *source.291.ebc* file to CPEXPRT.TAPE.RELV291, allocated as DSORG=PS,RECFM=FB,LRECL=80,BLKSIZE=0,AVGREC=K,SPACE(80,(150,50)), DSN=CPEXPRT.RELV291.IEBUPDTE. The *source.291.ebc* file is in standard IEBUPDTE format.

- The updated CPEXpert user documentation also will be available on the ftp site. It is your option whether you wish to download only the manuals, or also download the

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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 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.V291.USOURCE, you may wish to append the PREVIOUS macro from your old USOURCE(GENGUIDE) into your new USOURCE(GENGUIDE).

individual rule documents. If you wish to download the individual rule documents, they will be available as pdf files in the Individual Rule Documentation folder on the ftp site.

- 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 xxxHTML option (e.g., WLMHTML) to provide your own SAS ODS HTML statement parameters, please place your own macros into USOURCE and concatenate the USOURCE PDS ahead of the SOURCE PDS.
  - 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:

Glenn Bowman (Wakefern Food Corp., New Jersey, USA)  
Harald Seifert (HUK-COBURG, Coburg, DE)  
Craig Winsor (IBM Canada, New Brunswick, CA)

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](http://www.cpexpert.com)  
[support@cpexpert.com](mailto:support@cpexpert.com)