

# CPEXpert Product Update 2001-2

This product update forwards updates to both software and documentation. The software update is Release 11.2 of CPEXpert. The release number indicates that it is the second release of 2001.

This release (1) provides support for z/OS Version 1 Release 2 (V1R2), (2) enhances CPEXpert's reporting by providing support for the SAS Output Distribution System (ODS), (3) adds optional links in CPEXpert reports that link rule output to CPEXpert documentation, (4) enhances the CICS Component, (5) enhances the WLM Component, (6) enhances the DASD Component, (7) enhances the DB2 Component, (8) provides updated documentation on CD-ROM, and (9) corrects errors that have been reported.

- **z/OS Version 1 Release 2.** Z/OS V1R2 was made Generally Available (GA) by IBM on October 26, 2001. Since Computer Management Sciences is a Business Partner with IBM, I normally can provide support for new IBM releases within 30 days of GA of the new IBM release. IBM has previously made versions of MVS Generally Available in March and September, and CPEXpert releases were available in April and October. With z/OS V1R2, IBM "slipped" the GA date to October 26th.

- All CPEXpert components have been updated to provide support for z/OS Version 1 Release 2.

- 

- All CPEXpert documentation has been updated with references to applicable z/OS Version 1 Release 2 documents from IBM.

- **SAS Output Distribution System.** With SAS Release 8, SAS users can use the SAS Output Delivery System to create output that is formatted in Hypertext Markup Language (HTML). This output can be browsed with Internet Explorer, with Netscape, or with any other browser that fully supports the HTML 3.2 tag set.

With CPEXpert Release 11.2, CPEXpert reports have been enhanced by providing support for the SAS Output Distribution Facility (ODS). This optional feature allows CPEXpert output to be viewed using a standard web browser. CPEXpert implements the frame feature of SAS ODS, and a Table of Contents is produced to facilitate "easy point and click" to view CPEXpert output areas of interest. This new feature was suggested by Harald Seifert (HUK-Coburg, Germany).

- **Link rule output to CPEXpert documentation.** The normal output from CPEXpert is a series of "rule paragraphs" that identify problems or potential performance problems. The rule paragraphs are concise, but CPEXpert users can refer to the extensive documentation in the user manuals (either hard copy or CD-ROM) for a detailed rule description of each performance problem, for alternative solutions, and for specific references.

If the SAS ODS feature is implemented, CPEXpert can optionally create links between the output and the CPEXpert documentation to associate each problem that was identified with the detailed documentation. Rather than finding the "rule description" in the hard copy or on CD-ROM, a CPEXpert user can simply "click" on the link to view the documentation in Adobe Acrobat ".pdf" format.

**Examples of the above two enhancements (SAS ODS and links) can be seen at [www.cpexpert.com](http://www.cpexpert.com).** These enhancements have not been made to the SRM Component, MVS Component, or TSO Component. These components apply only to Compatibility Mode, which is not supported by IBM after z/OS Version 1 Release 2.

- **Enhance the CICS Component.** The CICS Component has been enhanced in the following areas:
  - The CICS Component has been enhanced to provide support for CICS/Transaction Server for z/OS, Version 2.1. Beginning with CICS/Transaction Server for z/OS, CICS documentation is contained in the CICS Information Center (InfoCenter). All documentation references have been updated to reference appropriate sections of the CICS InfoCenter.
  - An option has been added to create summary output showing all rules that were produced, and to list the CICS regions for which the rules were produced. An option has been added to create summary output by system, to show all rules that were produced, and to list the CICS regions for which the rules were produced. These options are valuable for users who analyze a very large number of CICS regions, spread across a large number of systems. These new options were suggested by Paul Gordon (Bank of America).
  - Analysis has been added to determine whether CICS LSR pools and CICS LSR subpools were seldom used. This analysis could result in substantial savings of storage. This analysis was suggested by Paul Gordon (Bank of America).
- **Enhance the WLM Component.** The WLM Component has been enhanced to provide analysis of report class periods that were included with z/OS Version 1 Release 2.
- **Enhance the DASD Component.** The entire DASD Component User Manual has been revised to make the document easier to use and to correct administrative errors.
- **Enhance the DB2 Component.** The DB2 Component has been enhanced in the following areas:
  - Support is provided for new group buffer pool variables that have been added to NeuMICS. These new group buffer pool variables significantly enhance CPEXpert's ability to analyze DB2 data sharing problems for sites who use NeuMICS to create their performance data base.
  - Additional guidance has been added to control the analysis of false lock contention.
- **Provide documentation on CD.** . This release provides all updated documentation to reflect references for Z/OS Version 1 Release 2, and to reflect references for CICS/Transaction Server for z/OS contained in the CICS Information Center (InfoCenter). The CPEXpert documentation is accessible via Adobe Acrobat Reader, and the CD-ROM contains a free copy of Adobe Acrobat Reader. The Adobe Acrobat Reader should be installed on your PC under Windows 3.1, Windows 95, Windows for Workgroups, or Windows NT . Installation of the Reader will require about 6 megs of 1 space on your hard drive.

There is no additional charge for the CD versions of CPEXpert documentation. If any user does not have the capability to access documentation on CD (or simply prefers to have hard-copy documentation), please give me a call.

- **Correct errors that have been reported** . I've added a new member titled SOURCE(GENER111) which contains a listing of the errors that were discovered in CPEXpert code for Release 11.1, and an acknowledgment of the user who found the error.

I **really** appreciate calls from users reporting problems or simply asking questions. As I said in the original delivery letter for CPEXpert, if errors occur with your installation, please don't waste your time trying to solve the error. Just give me a call and I will quickly fix the problem!

## Installation

I suggest that you use the following steps to install Release 11.2:

- Create a new PDS titled "prefix.CPEXP.V112.SOURCE".
- Create a new PDS titled "prefix.CPEXP.V112.USOURCE".
- Install CPExpert into the "prefix.CPEXP.V112.SOURCE" using the normal installation procedures described in the *CPExpert Installation Guide*.
- Copy your **old** USOURCE members into "prefix.CPEXP.V112.USOURCE". This step should be done so you do not have to recreate all of your unique parameters. There are no changes to the variables in USOURCE members, unless you are exercising new options provided with this code.
- If you elected to receive updates to CPExpert on diskette, the software is distributed on the CD-ROM that contains the CPExpert user documentation. I have created a BAT file for you so that you can easily upload the new software. This file is titled "UPLOAD.BAT" and will be located in the SOFTWARE directory of the CD-ROM. The BAT file was created per your instructions (i.e., using SEND, etc.).

## Thanks

I would like to say "**Thank you**" to the following individuals. These folks have discovered errors, proposed new features, or suggested documentation changes since the last Update Bulletin:

**Glenn Bowman** (Wakefern Food Corporation, NJ)

**David Ehresman** (University of Louisville, KY)

**Brian Farley** (ReliaStar, MN)

**Darrell Faulkner** (Computer Associates, VA)

**Paul Gordon** (Bank of America, VA)

**Gerd Krohm** (Westduetsche Landesbank, Germany)

**Barry Merrill** (Merrill Consultants, TX)

**Bryant Osborn** (Bank of America, VA)

**Harald Seifert** (HUK-Coburg, Germany)

Please call, fax, or send me a note on the Internet if you have suggestions, you want new features, or you would like to see more or different reporting done by CPExpert.

Best regards,

Don Deese

Computer Management Sciences, Inc.  
6076-D Franconia Road  
Alexandria, Virginia 2310  
(703) 922-7027 FAX: (703) 922-7305  
www.cpexpert.com

---

Read the [previous](#) CPExpert Update Bulletin

Return to [main](#) page

Last updated by [Don Deese](#) on 11/05/01.