Entire Net-Work

Entire Net-Work 6.2 Release Notes

Version 6.2.1 (2010-03-23)

March 2010

Entire Net-Work

This document applies to Entire Net-Work Version 6.2.1 (2010-03-23).

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Table of Contents

1 Entire Net-Work 6.2 Release Notes 1
2 Enhancements 3
FCTC Line Driver Support 4
New Mainframe Licensing Incorporated 4
Encryption for Entire Net-Work Support 5
New Log Buffer NODE Parameters and Operator Commands 5
New Snap Dump Parameter and Operator Command 5
Performance Improvements 6
3 Future Plans 7
4 Installation Tape Information 9
Installation Tape Description 10
Product Code Description 10
Zaps Data Set 11
5 Requirements and Restrictions 13
Adabas Components 14
End of Maintenance 14
Supported Operating System Levels 14
Compatibility with Earlier Versions of the Line Drivers 15
TCP/IP Transport Providers Supported 15
SETTXTLB EXEC Requirement for CMS Users 15
6 Documentation 17
Viewing Software AG Product Documentation under Windows XP SP2 18
Index 21

1 Entire Net-Work 6.2 Release Notes

Read this document carefully before installing and using Entire Net-Work version 6.2. It covers the following topics:

Enhancements	Describes the enhancements made to Entire Net-Work for Version 6.2.1.
Future Plans	Describes future plans for Entire Net-Work of which you should be aware.
Installation Tape Information	Describes the Entire Net-Work 6.2 installation tape.
Requirements and Restrictions	Lists requirements and restrictions of Entire Net-Work 6.2.
Documentation	Describes the documentation provided with Entire Net-Work 6.2.

In addition, if you elect to install the Entire Net-Work TCP/IP Option, please read *Entire Net-Work TCP/IP Option Release Information* as well.

2 Enhancements

- FCTC Line Driver Support 4
- New Mainframe Licensing Incorporated 4
- Encryption for Entire Net-Work Support 5
- New Log Buffer NODE Parameters and Operator Commands 5
- New Snap Dump Parameter and Operator Command 5
- Performance Improvements 6

The following enhancements to Entire Net-Work are provided in this release:

FCTC Line Driver Support

The Entire Net-Work fast channel-to-channel line driver (FCTC) is a new version of the CTCA line driver.

In the FCTC line driver, changes have been made in the channel program logic flow to improve performance. Once connection is established, the channel designated as the READ channel will issue READ CCWs in anticipation of WRITEs from the other side. This reduces disconnect time on the WRITE side of the channel, and greatly reduces the number of interrupts, thus improving performance. When installing and using the FCTC line driver, you must pay attention to differences in the parameters and parameter settings used by the CTCA line driver.

Note: The FCTC driver *requires* that two channels be assigned. If two channels cannot be assigned, do not attempt to use this driver. The existing CTCA driver must be used for single channel arrangements.

For complete information on the FCTC line driver, read *Entire Net-Work CTC Option Administration* in the *Entire Net-Work CTC Option Administration Guide*.

New Mainframe Licensing Incorporated

A new licensing process for Entire Net-Work has been implemented in this release. This licensing process is managed by the standard Software AG mainframe product licensing software. Two new licensing libraries are now provided on the installation tape. Both libraries are distributed with names starting with the letters "MLC". In addition to these new libraries, a new licensing utility, LICUTIL, is provided that allows you to display and check your license file or to convert it to assembler source.

As a result of this new licensing software, some changes have also been made in the Entire Net-Work installation.

For more information on Software AG mainframe product licensing, read *Software AG Mainframe Product Licensing*, in the *Entire Net-Work Installation Guide*.

Encryption for Entire Net-Work Support

This version of Entire Net-Work now supports the use of Encryption for Entire Net-Work to manage the security of message transmissions. However, this support is not automatically included with Entire Net-Work 6.2.1. If you plan to use Encryption for Entire Net-Work in your enterprise, please contact your Software AG sales support representative.

New Log Buffer NODE Parameters and Operator Commands

This release introduces two new NODE parameters and, correspondingly, three new operator commands that control the destination of log data and the size of the log buffer. The new NODE parameters are the LOGBUF parameter (which controls the destination of log data) and the LOGBUFSZ parameter (which controls the size of the log buffer). The new operator commands are the SET LOGBUF command (which can be used to change the destination of log data), the SET LOGBUFSZ command (which can be used to change the size of the log buffer) and the SNAP LOGBUF commands (which generates a snap dump of the log buffer to the DDPRINT file).

For more information about the new NODE parameters, read *Entire Net-Work NODE Statement*, in the *Entire Net-Work Reference Guide*; for more information about the new operator commands, read about the *SET Command* and the *SNAP Command*, in the *Entire Net-Work Reference Guide*

New Snap Dump Parameter and Operator Command

This release introduces a new NODE parameter, SNAPERR, that can be used to produce snap dumps whenever specified Entire Net-Work errors occur. Up to four Entire Net-Work message numbers can be specified. A corresponding SET SNAPERR operator command is also provided with which you can dynamically change the SNAPERR setting for a run.

Note: The SNAPERR parameter and SET SNAPERR operator command do not work for all error messages. Use SNAPERR only under the direction of your Software AG support representative.

For more information about the new NODE parameters, read *Entire Net-Work NODE Statement*, in the *Entire Net-Work Reference Guide*; for more information about the new operator commands, read about the *SET Command*, in the *Entire Net-Work Reference Guide*

Performance Improvements

Enhancements to buffer pool processing in this release of Entire Net-Work provide some overall performance improvement in Entire Net-Work processing.

3 Future Plans

In the next release of Entire Net-Work, Software AG will drop support of the NETPFIL1 and NETPFIL2 utilities.

4 Installation Tape Information

- Installation Tape Description 10
- Product Code Description 10
- Zaps Data Set 11

The Entire Net-Work 6.2 installation tape contains all of the components required to run Entire Net-Work:

- The Entire Net-Work mainline processor and service routines, the VTAM, IUCV, and SMH line driver components.
- The Adabas components required by Entire Net-Work.
- The Entire Net-Work CTC Option components, if ordered.
- The Entire Net-Work DCAM Communication - BS2000 components, if ordered.
- The Entire Net-Work TCP/IP Option components, if ordered.
- The Entire Net-Work XCF Option components, if ordered.
- The Network SAF Security components, if ordered.

This chapter covers the following topics:

Installation Tape Description

Refer to the *Report of Tape Creation* that accompanies the tape for information about the Entire Net-Work 6.2 installation tape, including tape density, media type, data sets, and data set sequence numbers. The online documentation describes the complete installation process. See the section *Entire Net-Work Installation* in the *Entire Net-Work Installation Guide*.

For VM/GCS installations, the installation tape contains an additional data set, WCP6*nn*.GCSL001. This data set contains WCPV6*nn*.TXTLIB, which must be included in the GLOBAL TXTLIB command on the ITM machine. Refer to *Running the ITM in z/VM* in the *Entire Net-Work Installation Guide*, for additional information.

Product Code Description

The Entire Net-Work components are identified by the following product codes, which are used in the data set names on all Entire Net-Work tapes:

Product Code	Description
MLC	Software AG's common mainframe license check software.
WCP	Entire Net-Work mainline processor, service routines, and the VTAM, IUCV, and SMH line drivers.
WAL	A set of Adabas components required to run Entire Net-Work. The WAL components are Adabas Version 8 for all platforms. Entire Net-Work requires the limited library modules to be at this level.

Product Code	Description
WCC	Entire Net-Work CTC Option (CTCA and FCTC line driver components)
WDC	Entire Net-Work DCAM Communication - BS2000 (DCAM line driver components)
WTC	Entire Net-Work TCP/IP Option (TCPI and TCPX line driver components)
WSL	Encryption for Entire Net-Work. Due to export restrictions, Encryption for Entire Net-Work is not included on the installation tape. If you plan to use Encryption for Entire Net-Work in your enterprise, please contact your Software AG support representative.
WXF	Entire Net-Work XCF Option (XCF line driver components)
WAF	Network SAF Security (SAF Security Interface components)

Zaps Data Set

WCP621.Z000 is a sequential data set that contains all zaps available and officially released at the time the data set was created. You will need to apply the WCP621.Z000 data set to the Entire Net-Work version 6.2 library immediately after loading the LOAD/TXTLIB/LOADLIB/PHASE library to disk and before executing any Entire Net-Work nucleus or utility.

Refer to the *Report of Tape Creation* that accompanies your tape for more information about the zaps data set and its sequence on the tape.

5 Requirements and Restrictions

- Adabas Components 14
- End of Maintenance 14
- Supported Operating System Levels 14
- Compatibility with Earlier Versions of the Line Drivers 15
- TCP/IP Transport Providers Supported 15
- SETTXTLB EXEC Requirement for CMS Users 15

This chapter covers the following topics:

Adabas Components

Entire Net-Work 6.2 requires the Adabas 8 components supplied in Adabas Limited Load Library (WAL) and the Adabas 8 SVC. However, before Entire Net-Work can function correctly, the most recent fix data set must be concatenated in front of the standard WAL load library.

Be sure your enterprise is running with the most current fix solution for WAL supported by Entire Net-Work 6.2, when available for that platform.

End of Maintenance

For information on how long a product is supported by Software AG, access Software AG's Empower web site at *https://empower.softwareag.com*.

Log into Empower. Once you have logged in, you can expand **Products** in the left menu of the web page and select **Product Version Availability** to access the Product Version Availability application. This application allows you to review support information for specific products and releases.

Supported Operating System Levels

Entire Net-Work Version 6.2 can be installed on z/OS, z/VSE, z/VM, and BS2000 operating systems.

Before attempting to install Entire Net-Work, ensure that the host operating system is at the minimum required level. For information on the platform versions supported by Software AG products, access the Software AG web site at ***http://www.softwareag.com/corporate/products/bis/platforms/default.asp***.

Software AG provides support for the operating system versions supported by their respective manufacturers. Generally, when an operating system provider stops supporting a version of an operating system, Software AG will stop supporting that operating system version.

Although it may be technically possible to run a new version of Entire Net-Work on an old operating system, Software AG cannot continue to support operating system versions that are no longer supported by the system's provider.

If you have questions about support, or if you plan to install Entire Net-Work on a release, version, or type of operating system other than those included at the link above, consult Software AG technical support to determine whether support is possible, and under what circumstances.

To determine the particular platforms supported by this release of Entire Net-Work, review the product version availability information, available on Software AG's Empower web site: *https://empower.softwareag.com*. Log into Empower. Once you have logged in, you can expand **Products** in the left menu of the web page and select **Product Version Availability** to access the Product Version Availability application. This application allows you to review support information for specific products and releases.

Compatibility with Earlier Versions of the Line Drivers

All Entire Net-Work 6.2 line drivers are compatible with the line drivers provided in prior releases.

TCP/IP Transport Providers Supported

Entire Net-Work 6.2 supports the following levels of TCP/IP transport providers:

Platform	TCP/IP Protocol Supported
z/OS	IBM TCP/IP for z/OS Version 1.8, 1.9, and 1.10.
z/VM	IBM TCP/IP for z/VM Version 5.3 and 5.4.
z/VSE	IBM and Connectivity Systems TCP/IP z/VSE Version 3.1, 4.1, and 4.2.
BS2000/OSD Sockets Subsystem	Sockets Version 4.0 and above.

SETTXTLB EXEC Requirement for CMS Users

CMS users will need to add the SMHV*vrs* TXTLIB to their SETTXTLB EXEC. This TXTLIB is required even if the SMH line driver is not used. See the delivered SETTXTLB EXEC file as an example. For information about the SMH line driver, see the section *Entire Net-Work SMH Agents* in the *Entire Net-Work Administration Guide*.

6 Documentation

- Viewing Software AG Product Documentation under Windows XP SP2 18

The documentation for this product has been updated for this release. When additional updated versions of the documentation are created, you can review them on the Software AG documentation web site: ***http://documentation.softwareag.com/***. The documentation at this site will be updated as required. If you have a maintenance contract, past versions of documentation can be reviewed by linking to the following Software AG Empower web site: *https://empower.softwareag.com*. If you do not have an Empower user ID and password yet, you will find instructions for registering on this site (free for customers with maintenance contracts).

The Entire Net-Work documentation includes:

- online HTML topics describing all aspects of the product;
- Adobe Acrobat Reader Portable Document Format (PDF) files created from the HTML topics;
- Adobe Acrobat Reader Portable Document Format (PDF) files for a series of manuals created from the HTML topics.

The System Management Hub documentation can be found wherever the System Management Hub is installed. For example, if the System Management Hub is installed in Windows at C:\Program Files\Software AG\ System Management Hub, then the SMH documentation can be found in: C:\Program Files\Software AG\System Management Hub\help\doc\overview.htm. Likewise, in UNIX environments, if SMH installation is located at $SAG/common/arg, then the SMH documentation can be found in $SAG/common/arg/help/doc/overview.htm.

No hard-copy documentation is provided, but you can print the PDF and HTML files on your local printer.

Note: For more information about Encryption for Entire Net-Work, contact your Software AG sales support representative. The documentation for Encryption for Entire Net-Work is delivered separately from the other Entire Net-Work documentation.

Viewing Software AG Product Documentation under Windows XP SP2

With Service Pack 2 (SP2) for Windows XP and Service Pack 1 (SP1) for Server 2003, Microsoft introduced a range of powerful new security features that restrict active content that runs locally on your computer. Active content includes ActiveX controls, Java applets, and JavaScript. Software AG's documentation web pages contain some JavaScript, and the SEARCH, INDEX and CONTENTS capabilities are implemented as Java applets. As a result, when viewing documentation web pages that reside on your PC using Internet Explorer and Mozilla Firefox under Windows XP SP2, note that active content is blocked. You must explicitly and repeatedly allow active content if you want to make use of the documentation's full navigation features. Note that this behavior is only observed when reading web pages installed locally on your PC, including those on CD in the PCs CD-ROM drive.

The active content for which Software AG is responsible, that is, the JavaScript code in our HTML documentation pages, will not harm your computers. The risk in using the navigation applets is negligible: Software AG has received no reports from users concerning any harm caused to a computer by the applets. We therefore suggest that when reading Software AG documentation in a local context, you should allow active content via the Security settings in the browser (with Internet Explorer, usually found under Tools > Internet Options > Advanced).

Full details of alternatives can be found on the home page of the suppliers of the navigation applets: ***http://www.phdcc.com/xpsp2.htm***.

Index

D

documentation
    provided, 18

M

MLC product code, 10

W

WAF product code, 11
WAL product code, 10
WCC product code, 11
WCP product code, 10
WDC product code, 11
WSL product code, 11
WTC product code, 11
WXF product code, 11