

CA XCOM™ Data Transport® for HP NonStop

Release Notes

r11



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CA Product References

This document references the following CA Technologies products:

- CA XCOM™ Data Transport® (CA XCOM Data Transport)

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Contents

Chapter 1: New Features	7
Bookshelf Interface	7
System Requirements	7
Network I/O Prerequisites	7
Data Encryption Using Secure Sockets	8
ATOE/ETOA Conversion Tables	9
Gateway Parameter	9
Enhanced Support for Mainframe Data Sets.....	9
Record Format Support.....	9
SMS Support.....	10
Data Set Actions	10
Aligning Parameters with Other Platforms	11
Enhanced Support for Sending Jobs.....	12
Domain Security on Windows	12
Chapter 2: Changes to Existing Features	13
Enhanced Notification.....	13
Support for Five-digit Port Numbers	13
BULKIO No Longer Supported	14
SIO No Longer Supported.....	14
ICE SNA No Longer Supported.....	14
Chapter 3: Documentation	15
Appendix A: Acknowledgements	17
OpenSSL 0.9.7g.....	18
Index	21

Chapter 1: New Features

The *Release Notes* for CA XCOM Data Transport for HP NonStop documents both new features and changes to existing features for r11. This section describes new features added to the product. The chapter “Changes to Existing Features” describes changes made to existing features.

This section contains the following topics:

[Bookshelf Interface](#) (see page 7)

[System Requirements](#) (see page 7)

[Data Encryption Using Secure Sockets](#) (see page 8)

[ATOE/ETOA Conversion Tables](#) (see page 9)

[Gateway Parameter](#) (see page 9)

[Enhanced Support for Mainframe Data Sets](#) (see page 9)

[Aligning Parameters with Other Platforms](#) (see page 11)

[Enhanced Support for Sending Jobs](#) (see page 12)

[Domain Security on Windows](#) (see page 12)

Bookshelf Interface

The documentation page for your product on <http://ca.com/support> now lets you view the entire documentation set for your product from a bookshelf that does not need to be downloaded. You can use the bookshelf to easily navigate from one book to another book in your documentation set, or search the entire bookshelf.

System Requirements

CA XCOM Data Transport requires Guardian G06.29 or H06.06 or higher.

Network I/O Prerequisites

Both SNA and TCP/IP are layered architectures. Each layer is dependent on the services of the layer below it, but independent of the details of those lower layers. CA XCOM Data Transport sits at the highest layer—the end-user or application layer. It relies on the hardware vendor or a third party to provide the lower layers.

CA XCOM Data Transport has no hardware requirements of its own. The only hardware requirements are those of the lower layers of the network architecture.

- For SNA, CA XCOM Data Transport works with HP NonStop SNAX product line
- For TCP/IP, CA XCOM Data Transport works with HP NonStop's TCP/IP software

Data Encryption Using Secure Sockets

CA XCOM Data Transport now uses OpenSSL to provide the Secure Socket Layer (SSL) protocol. SSL creates a secure IP connection for transferring data. It supports authentication, encryption, and integrity checking for your data transfers.

The following new configuration file parameters have been added to provide SSL support:

SECURE_SOCKET

Specifies whether SSL connection is to be used. This parameter can be specified in your xcom.cnf file and/or xcom.glb.

XCOM_CONFIG_SSL

Defines where the configssl.cnf file is located. This parameter can be specified in your XCOMCNF file, or on the command line for locally initiated transfers.

XCOM_SHOW_CIPHER

This parameter can be used to display encryption algorithms in CA XCOM Data Transport for HP NonStop queue detail information for each transfer, using the xcomqm command. This parameter can be specified in your XCOMCNF file.

The following configuration file parameters have been updated for SSL support:

SOCK_RCV_BUF_SIZE

The default TCP/IP socket option is SO_RCVBUF. This parameter can be used to specify the buffer size for receives.

SOCK_SEND_BUF_SIZE

The default TCP/IP socket option is SO_SNDBUF. This parameter can be used to specify the buffer size for sends.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

ATOE/ETOA Conversion Tables

You can now specify, by using an XCOMCNF parameter, that user defined ATOE/ETOA conversion tables be used to convert the data when sending or receiving data on a Windows or UNIX system.

The following new parameter has been added to provide conversion support:

CODETABL

Applies to Windows and UNIX partners only.

Specifies the prefix to the custom character conversion file names on Windows or UNIX that will be used by the transfer.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

Gateway Parameter

You can now specify the following new CA XCOM Gateway parameter in XCOMCNF:

GATEWAYGUID

Identifies the remote file as a CA XCOM Gateway file and specifies the CA XCOM Gateway GUID. The CA XCOM Gateway GUID is a unique value that identifies each CA XCOM Gateway file. The keyword ANY can be used to identify the remote file as a CA XCOM Gateway file when the CA XCOM Gateway GUID is not known.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

Enhanced Support for Mainframe Data Sets

Record Format Support

You can now use the following XCOMCNF parameter to specify data sets on a z/OS mainframe:

RECORD_FORMAT

Specifies the record format for the file being created. This corresponds to the JCL RECFM subparameter.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

SMS Support

You can now use XCOMCNF parameters to specify particular SMS/PDSE parameters to be used when creating or accessing data sets on a z/OS mainframe.

The following new parameters have been added for z/OS SMS/PDSE:

DATACLAS

Specifies the one- to eight-character name of the data class to use when allocating a new SMS-managed data set.

MGMTCLAS

Specifies the one- to eight-character name of the management class to use when allocating a new SMS-managed data set.

STORCLAS

Specifies the one- to eight-character name of the storage class for a new SMS-managed data set.

DSNTYPE

Specifies the data set definition or a new SMS-managed data set.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

Data Set Actions

You can now use XCOMCNF parameters to specify particular data set actions when creating or accessing data sets on a z/OS mainframe.

The following new parameters have been added for this support:

COMPRESS_PDS

If your CA XCOM Data Transport z/OS administrator has enabled the programmatic PDS compression feature in a CA XCOM Data Transport region, you can use the COMPRESS_PDS option to control if and when output PDS data sets get compressed as part of the transfer.

CREATEDELETE

Specifies whether an existing z/OS data set should be deleted and a new data set allocated at the start of a FILE_OPTION=CREATE transfer.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

Aligning Parameters with Other Platforms

To support tape processing on the remote mainframe systems, the following new parameters have been added:

DEN

Specifies the density to be used in creating a tape on the remote system. Valid values are the same as those for the DEN parameter in JCL.

EXPDT

Specifies an expiration date for the tape data set in terms of a two-digit designation for the year and a three-digit designation for the day of the year.

LABELNUM

Indicates the sequence number of a data set on a tape.

RETPD

Specifies the number of days (1 to 9999) that the tape data set being created is to be retained.

TAPEDISP

Specifies the disposition value for MVS tape data sets.

UNITCT

Specifies the number of units to be allocated on the remote system. This is a tape parameter and is used when the partner is an IBM mainframe.

VOLCT

Specifies the maximum number of volumes to be used in processing a multi-volume output tape data set on the remote system.

VOLSQ

Specifies the sequence number of the first volume of a multi-volume remote data set to be used.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

Enhanced Support for Sending Jobs

To further support send job transfers, the following new parameter has been added:

JOB_TIME_OUT

Specifies the period of time that CA XCOM Data Transport is to wait for a send job to complete. You can instruct CA XCOM Data Transport to wait no longer than nnnnn seconds for a send job to complete.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

Domain Security on Windows

To support the use of domain user IDs, the following new parameter has been added:

DOMAIN

The Windows domain name for use in authenticating the user ID and password when accessing a Windows-based machine that has sharable disks and drives that belong to that domain. This allows users to access these sharable drives without having to have a local user ID or password defined to the machine.

For more information, see the *CA XCOM Data Transport for HP NonStop Product Guide*.

Chapter 2: Changes to Existing Features

This section documents changes made to existing features for r11.

This section contains the following topics:

[Enhanced Notification](#) (see page 13)

[Support for Five-digit Port Numbers](#) (see page 13)

[BULKIO No Longer Supported](#) (see page 14)

[SIO No Longer Supported](#) (see page 14)

[ICE SNA No Longer Supported](#) (see page 14)

Enhanced Notification

You can now control the level of notification that CA XCOM Data Transport provides. The options are:

ALL

Always notify regardless of whether transfer was successful.

WARN

Notify for warnings or errors only.

ERROR

Notify only if transfer fails with an error.

The following new parameters allow you to specify these notification levels:

LCLNTFYL

Specifies the local user notification level.

RMTNTFYL

Specifies the remote user notification level.

Support for Five-digit Port Numbers

All CA XCOM Data Transport IP ports can now support up to five digits.

The following parameter includes this new support:

PORT

Specifies the listening port for the CA XCOM Data Transport partner. This can be specified in XCOMCNF files.

BULKIO No Longer Supported

BULKIO is no longer supported and will be replaced with the CACHEBUF.

So CA XCOM Data Transport no longer supports the following parameter:

- BULKIO=XX

Note: To enable any existing configurations to execute without failure, when CA XCOM Data Transport encounters an instance of BULKIO, the feature will be disabled and CA XCOM Data Transport will give the following message:

BULKIO Deprecated: reset BULKIO=0 and CACHEBUF=Y

SIO No Longer Supported

SIO is no longer supported and will be replaced with the CACHEBUF.

So CA XCOM Data Transport no longer supports the following parameter:

- SIO=XX

Note: To enable any existing configurations to execute without failure, when CA XCOM Data Transport encounters an instance of SIO, the feature will be disabled and CA XCOM Data Transport will give the following message:

SIO Deprecated: reset SIO=N and CACHEBUF=Y

ICE SNA No Longer Supported

The ICE SNA stack is no longer supported by the vendor (Infosession).

So CA XCOM Data Transport no longer supports the following parameter:

- APPC_OPEN_NAME=

CA XCOM Data Transport also no longer supports the following parameter value:

- APPC_TYPE=ICE

Current CA XCOM Data Transport systems that use the ICE configuration will also need to update the following parameter value after updating the configuration:

- APPC_PROCESS_NAME=

Chapter 3: Documentation

There have been changes in the structure and naming of some of the documentation. The documentation in this release is as follows:

- *Product Guide* (formerly *User Guide*)
- *Release Notes* (new)

Appendix A: Acknowledgements

This appendix provides acknowledgements for third-party software used with CA XCOM Data Transport for HP NonStop.

This section contains the following topics:

[OpenSSL 0.9.7g](#) (see page 18)

OpenSSL 0.9.7g

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Index

A

ASCII-to-EBCDIC conversion • 9
ATOE table • 9

B

bookshelf • 7
BULKIO • 14

C

CACHEBUF • 14

D

data set actions • 10
domain security • 12

E

EBCDIC-to-ASCII conversion • 9
encryption • 8
enhanced notification • 13
ETOA table • 9

G

Gateway parameter • 9

I

ICE SNA • 14

J

JOB_TIME_OUT • 12

M

mainframe data sets • 9

N

network I/O prerequisites • 7
notification • 13

R

record format • 9

S

secure sockets • 8

send job transfers • 12
SIO • 14
SMS • 10
SNA ICE • 14
system requirements • 7

T

third-party software • 17
OpenSSL • 18