H300e NetEx/IP®

for Unisys Dorado Systems

Release 7.0.5

Memo to Users

April 20, 2018

6450 Wedgwood Road N #103
Maple Grove, MN 55311

Introduction

This memo provides supplementary and release-dependent information for NetEx users. It should be reviewed carefully prior to installation of the product.

H300e 7.0.5 is a maintenance release supporting direct IP communication via CPCOMM without an outboard channel-attached appliance. H300e is compatible and interoperable with all other NetEx/IP products.

Support

Support for NetEx and all associated products is available via:

- 24x7 telephone at (800) 854-0359
- The worldwide web: http://www.netex.com/
- email support@netex.com

Distribution

This product is available via download from our ftp server. This format requires that the release file be transferred to your Unisys system via cpFTP using “bin” and “cfmt” options.

The release is a single program file containing all required executables and utilities.

NetEx Software’s policy is to release a distribution for new products without source code.

New Replacement Product H300e Release 7.0.4/5:

- H300e 7.0.4/5 replaces H300IPC. It will co-exist with H300IPC on the same processor, and is compatible with other remote H300IPC and other remote NetEx/IP products.
- Applications which use NetEx/IP on Unisys platforms will need to be compiled with Extended Mode compilers, and linked with the appropriate fixed gates for the specific NetEx they will be communicating with. Basic mode applications are not supported.

Service Notes

NetEx dumps

Netex dumps are captured via PADS. The PADS$PF should point to the program file containing the PADS$CONFIG element. Normally this will be in the NetEx configuration library. The USE statement for NTX$DIAG should point to a file that will contain the diagnostic file if NetEx abnormally terminates.

Starting H300e

H300 runs as a fixed gate subsystem. To insure proper operation, it is imperative that the subsystem starts cleanly. To achieve this, the NetEx proc starts by executing the termntx command. This will enter the fixed gate subsystem. If the subsystem was not active, it will start it, and the program will terminate. The subsystem will now always be active. This allows the solar DEACT command to be issued against an active subsystem. This will insure the subsystem has been deactivated. The startntx command will then always start from a "clean" environment. There will be no left over memory allocations from a previous execution. To accomplish this, the userid assigned to the NetEx proc should be the same userid that was used to install the subsystem, as only the owner of the subsystem can deactivate it.

Multiple Concurrent NetExes

Multiple NetExes may be run concurrently. For the H300IPC product, they must use unique NTX$COMN & NTX$DBn common banks. (They must be separately installed with different BDIs for each). Multiple H300IPC NetExes must each have their own NX$INIT file with unique NTXNUM, NTXBDIS, CONSKY, and HOST values.

Multiple copies of H300e may also run concurrently with other copies of H300IPC or H300e. Each copy of H300e will run as its own fixed gate subsystem, and must be installed separately. Applications must be linked with the GATES file for the specific copy of NetEx they wish to communicate with. Care should also be used to prevent console key ins and files from being used by multiple copies concurrently.

CPCOMM PING

In order to test network connectivity, a 'ping' command can be issued from the Unisys host CPCOMM operator interface. The syntax from the "CPCOMM Operator" manual:

[cpcomma] PING HOST,{*host-name* | *ip-address*} [REPEAT-COUNT,*number*] [BYTES,*number*] ;
[WAIT,*seconds*] [RECORD-ROUTE | TIMESTAMP] [LOCAL-IP,*ip-address*]

.

Update Summary

Release 7.0.5

- Ticket #7880 d n includes connect gna addresses
- Ticket #7884 remove debug printfs
- Ticket #7884 fix jobnames in "all" versions
- Ticket #7884 jobnames not displayed in netex commands (subsystem name was used)