DataGeneral
Data General Corporation, Westboro, Massachusetts 01580

Addendum

Addendum to NetWare® for AViiON® Series Systems: Utilities

086-000199-00

This addendum updates manual 069-000484-00. Please see "Updating Your Manual."

Ordering No. 086-000199-00
Copyright © Novell Corporation, 1992
Copyright © Data General Corporation, 1992
All Rights Reserved
Unpublished — all rights reserved under the copyright laws of the United States.
Printed in the United States of America
Rev. 00, May 1992

069–000484–00

Notice

DATA GENERAL CORPORATION (DGC) HAS PREPARED AND/OR HAS DISTRIBUTED THIS DOCUMENT FOR USE BY DGC PERSONNEL, LICENSEES, PROSPECTIVE CUSTOMERS, AND CUSTOMERS. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF THE COPYRIGHT HOLDER(S); AND THE CONTENTS OF THIS MANUAL SHALL NOT BE REPRODUCED IN WHOLE OR IN PART NOR USED OTHER THAN AS ALLOWED IN THE APPLICABLE LICENSE AGREEMENT.

The copyright holders reserve the right to make changes in specifications and other information contained in this document without prior notice, and the reader should in all cases determine whether any such changes have been made.

THE TERMS AND CONDITIONS GOVERNING THE SALE OF DGC HARDWARE PRODUCTS AND THE LICENSING OF DGC SOFTWARE CONSIST SOLELY OF THOSE SET FORTH IN THE WRITTEN CONTRACTS BETWEEN DGC AND ITS CUSTOMERS, AND THE TERMS AND CONDITIONS GOVERNING THE LICENSING OF THIRD PARTY SOFTWARE CONSIST SOLELY OF THOSE SET FORTH IN THE APPLICABLE LICENSE AGREEMENT. NO REPRESENTATION OR OTHER AFFIRMATION OF FACT CONTAINED IN THIS DOCUMENT INCLUDING BUT NOT LIMITED TO STATEMENTS REGARDING CAPACITY, RESPONSE-TIME PERFORMANCE, SUITABILITY FOR USE OR PERFORMANCE OF PRODUCTS DESCRIBED HEREIN SHALL BE DEEMED TO BE A WARRANTY BY DGC FOR ANY PURPOSE, OR GIVE RISE TO ANY LIABILITY OF DGC WHATSOEVER.

IN NO EVENT SHALL DGC BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING BUT NOT LIMITED TO LOST PROFITS) ARISING OUT OF OR RELATED TO THIS DOCUMENT OR THE INFORMATION CONTAINED IN IT, EVEN IF DGC HAS BEEN ADVISED, KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.

All software is made available solely pursuant to the terms and conditions of the applicable license agreement which governs its use.

Restricted Rights Legend: Use, duplication, or disclosure by the U. S. Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at [DFARS] 252.227-7013 (October 1988).

Data General Corporation
4400 Computer Drive
Westboro, MA 01580

Addendum to
NetWare® for AViiON® Series Systems: Utilities

A vertical bar in the margin of a page indicates substantive technical change from 069-000484-00.

The addendum number appears on all pages in this addendum.

NetWare® for AViiON® Series Systems: Utilities

069-000484-00

For the latest enhancements, cautions, documentation changes, and other information on this product, please see the Release Notice (085–series) supplied with the software.

Copyright ©Novell Corporation, 1990
Copyright ©Data General Corporation, 1990
All Rights Reserved
Unpublished - all rights reserved under the copyright laws of the United States.
Printed in the United States of America
Rev. 00, May 1990
Ordering No. 069-000484

Notice

DATA GENERAL CORPORATION (DGC) HAS PREPARED AND/OR HAS DISTRIBUTED THIS DOCUMENT FOR USE BY DGC PERSONNEL, LICENSEES, PROSPECTIVE CUSTOMERS, AND CUSTOMERS. THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF THE COPYRIGHT HOLDER(S); AND THE CONTENTS OF THIS MANUAL SHALL NOT BE REPRODUCED IN WHOLE OR IN PART NOR USED OTHER THAN AS ALLOWED IN THE APPLICABLE LICENSE AGREEMENT.

The copyright holders reserve the right to make changes in specifications and other information contained in this document without prior notice, and the reader should in all cases determine whether any such changes have been made.

THE TERMS AND CONDITIONS GOVERNING THE SALE OF DGC HARDWARE PRODUCTS AND THE LICENSING OF DGC SOFTWARE CONSIST SOLELY OF THOSE SET FORTH IN THE WRITTEN CONTRACTS BETWEEN DGC AND ITS CUSTOMERS, AND THE TERMS AND CONDITIONS GOVERNING THE LICENSING OF THIRD PARTY SOFTWARE CONSIST SOLELY OF THOSE SET FORTH IN THE APPLICABLE LICENSE AGREEMENT. NO REPRESENTATION OR OTHER AFFIRMATION OF FACT CONTAINED IN THIS DOCUMENT INCLUDING BUT NOT LIMITED TO STATEMENTS REGARDING CAPACITY, RESPONSE-TIME PERFORMANCE, SUITABILITY FOR USE OR PERFORMANCE OF PRODUCTS DESCRIBED HEREIN SHALL BE DEEMED TO BE A WARRANTY BY DGC FOR ANY PURPOSE, OR GIVE RISE TO ANY LIABILITY OF DGC WHATSOEVER.

IN NO EVENT SHALL DGC BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES WHATSOEVER (INCLUDING BUT NOT LIMITED TO LOST PROFITS) ARISING OUT OF OR RELATED TO THIS DOCUMENT OR THE INFORMATION CONTAINED IN IT, EVEN IF DGC HAS BEEN ADVISED, KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.

All software is made available solely pursuant to the terms and conditions of the applicable license agreement which governs its use.

Restricted Rights Legend: Use, duplication, or disclosure by the U. S. Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at [DFARS] 252.227-7013 (October 1988).

Data General Corporation
4400 Computer Drive
Westboro, MA 01580

NetWare® for AViiON® Series Systems: Utilities
069-000484-00

Revision History:

Original Release — May 1990
Addendum 086-000199 — May 1992

Effective with:

DG/UX 5.4.1
Netware® for AViiON®
Systems Rev 1.40

Netware is a U.S. registered trademark of Novell, Inc.
AViiON is a U.S. registered trademark and **DG/UX** is a trademark of Data General Corporation.
Epson is a U.S. registered trademark of Seiko Epson Kabushiki Kaishi.
ImageWriter and **LaserWriter** are U.S. registered trademarks of Apple Computer, Inc.
LaserJet is a U.S. registered trademark of Hewlett–Packard Company.
LaserLine is a U.S. registered trademark of Oki Electric Industry Co., Ltd.
OKIDATA is a U.S. registered trademark of Oki America, Inc.
Pinwriter and **Spinwriter** are U.S. registered trademarks of Nippon Electric Company, Ltd.
IBM PC AT and **IBM PS/2** are U.S. registered trademarks and **IBM PC/XT** and **ProPrinter** are trademarks of International Business Machines Corporation.
MS–DOS is a U.S. registered trademark of Microsoft Corporation.
UNIX is a U.S. registered trademark of UNIX System Laboratories, Inc..

Certain portions of this document were prepared by Data General Corporation and the remaining portions were prepared by Novell Corporation.

nwlp

NetWare line print

Why use nwlp?

Use nwlp to print from an AViiON® system to a NetWare print queue.

Command format

To print a print–ready file:

nwlp –s *server* –q *print–queue* [option...] *file*

To print input piped from a UNIX© command or program:

unix–cmd | nwlp –s *server* –q *print–queue* [option...]

Replace *server* with the name of a NetWare file server that the AViiON system can communicate with.

Replace *print–queue* with the name of a valid NetWare queue defined on the specified server. The queue can be serviced by the AViiON's printer server, a "native" NetWare server, or a PSERVER running somewhere on the network.

Replace *option* with one or more of the options listed in the next section.

Replace *file* with the name of a print–ready file you want to print.

Command options

–u *username*
–p *password*

The nwlp utility normally sends a job to print under the username GUEST with no password. If the file server has no GUEST username, you can print to the file server only if you specify a NetWare username and password that is valid on the file server. If you have a valid NetWare username and password on the file server, specify them with the –u and –p options.

–b

Include this option to prevent printing of the NetWare print banner page on queues serviced by a NetWare printer server. This option does not work when you print to a queue serviced by the AViiON system's printer server process.

–n *banner–name*

Include this option to change the default name on the NetWare banner page. The default banner name is your UNIX username (that is, the name of the user running nwlp).

You can use any text for the banner, including spaces; to use spaces, you must either precede each space with a backslash (\), or enclose the string in single quotation marks.

–c *copies*

Include this option to print more than one copy of a file on queues serviced by a NetWare printer server. This option does not work when you print to a queue serviced by the AViiON printer server process.

–d *description*

Include this option to add descriptive text to the top of the NetWare banner page. You can use any text for the description, including spaces; to use spaces, you must either precede each space with a backslash (\), or enclose the string in single quotation marks. There is no default description.

–r

Include this option to prevent nwlp from converting UNIX text files to DOS text files. If you do not use the –r (raw) option, the nwlp utility converts new–line characters to DOS carriage returns and new–line characters.

–e

Include this option to prevent nwlp from feeding an extra page after printing your file.

Additional information

The setup of the file server and printer server determines which printer nwlp uses to print your job. You can print to printers attached to the AViiON server, printers attached to "native" file servers, to VAP, NLM, or dedicated PSERVERS, or printers attached to client PCs (through a PSERVER). The nwlp utility does no formatting, so whatever file you print must be printer–ready for the type of printer to which you are sending it.

If nwlp encounters an error, it will indicate possible causes of the problem. NetWare API errors are documented in the file /usr/include/nwerrors.h on the AViiON server.

If nwlp aborts before terminating normally, NetWare connections may not be released. These connections will time out in 15 minutes. If you reach the connection limit for your server, you can break the connections with the FCONSOLE client utility.

Print a UNIX file

To print a UNIX file called new_products.1992 to the server HARLEY's queue called LASER, type

```
nwlp -s HARLEY -q LASER
new_products.1992
```

The nwlp utility uses the NetWare user GUEST for this request.

Print specifying username and banner name

To print a file named BILLS.ACCT to server MONEYBAGS's queue LPT, using the username brandall (with password bugsy) and the banner text, "Unpaid", type

```
nwlp –s MONEYBAGS –q LPT –u brandall
–p bugsy –n 'Unpaid' BILLS.ACCT
```

Print using piped input

Suppose you want to print a directory file listing to the LPT queue on server HARLEY, as user SUPERVISOR with password $super.pw. You can pipe to the nwlp command. Type

```
ls | nwlp –s HARLEY –q LPT –u SUPERVISOR
  –p $super.pw
```

Updating Your Manual

This addendum (086-000199-00) includes minor corrections to *NetWare® for AViiON® Series Systems: Utilities* (069-000484-00).

To update your copy of 069-000484-00, please remove manual pages and insert addendum pages as follows:

Remove	Insert
Title/Notice	Title/Notice
Revision History page (follows 069-000484-00 Title/Notice page)	Revision History page
—	Pages 198.1 through 198.5 between pages 198 and 199

Insert this sheet immediately behind the Title/Notice page.