AA-N323G-TE

ALL-IN-1

Installation Guide Part 1
Base Installation

digital equipment corporation
maynard, massachusetts

AA-N323G-TE
First Printing, December 1989

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This document was prepared using VAX DOCUMENT, Version 1.2.

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Preface

Product: ALL-IN-1 Version 2.4

Purpose of This Guide

This guide is Part 1 of three parts. See the section on Document Structure. This part describes how to:

1. Prepare the VMS system for the installation of ALL-IN-1
2. Install ALL-IN-1
3. Set up ALL-IN-1 so that the ALL-IN-1 manager can log in to ALL-IN-1 and use ALL-IN-1 locally

All other tasks required to complete the set up of ALL-IN-1, and for ongoing management, are described in the *ALL-IN-1 Management Guide* and *ALL-IN-1 Mail Management Guide*, for example:

- Printer set up
- Creating accounts
- Setting up Message Router and Message Router VMSmail Gateway, if mail messages need to be sent to other systems or VMS users

Audience

This guide is primarily intended for:

- Managers who want to install ALL-IN-1 Version 2.4 and set it up for use
- Managers who want to upgrade to ALL-IN-1 Version 2.4 from either ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0

- Managers who want to update their current ALL-IN-1 STARTER Version 2.4 system to ALL-IN-1 Version 2.4
- Managers who want to update their existing ALL-IN-1 Version 2.4 system

How To Use This Guide

Use this guide as follows:

1. Carry out the steps described in Chapter 2 to access the Release Notes. You must print and read the Release Notes before starting the installation as they may contain information which applies to installation.
2. Read Chapter 1 which describes the tasks you must do before installing ALL-IN-1.
3. Read the chapter corresponding to the type of installation you are going to perform, (see Chapters 3 to 12). The chapter lists the steps required to perform the installation.
4. Carry out the steps required for the type of installation you are going to perform. These steps are described in Chapter 13.
5. Read Chapter 14 which describes the tasks required to set up ALL-IN-1 so that the usual management and mail management tasks can be performed (for example, creating user accounts) to allow your users to use ALL-IN-1.

Books in the Management Documentation Set

The following documents make up the ALL-IN-1 Management documentation set:

- *ALL-IN-1 Installation Guide Part 1 Base Installation*

  This part describes the steps required to install ALL-IN-1 and contains information specific to the base component. Although it is a large book, you need only refer to the chapters relating to the type of installation that you are going to perform.

- *ALL-IN-1 Installation Guide Part 2 Language Installation*

  This part contains information specific to the language that you are installing; a version is supplied with each language component. Refer to this part as indicated in the *ALL-IN-1 Installation Guide Part 1 Base Installation*.

- *ALL-IN-1 Installation Guide Part 3 Market Installation*

  This part contains information specific to your market component. Refer to this part as indicated in the *ALL-IN-1 Installation Guide Part 1 Base Installation*. Note that this document may not exist for all market components.

- *ALL-IN-1 Release Notes Part 1 Language*

  This part contains information about problems in the ALL-IN-1 Version 2.4 international base component and about problems that are specific to the language component that you install. Where possible, workarounds to the problems are also described.

- *ALL-IN-1 Release Notes Part 2 Market*

  This part contains information about problems that are specific to the ALL-IN-1 Version 2.4 market component. Note that this document may not exist for all market components.

- *Differences Between ALL-IN-1 Version 2.3 and ALL-IN-1 Version 2.4*

  This document introduces the new and changed functionality, and describes the problems that have been fixed, in ALL-IN-1 Version 2.4. In addition, there are answers to some common questions about the new version, and details of packaging, software requirements, and changes to the documentation.

- *ALL-IN-1 Management Guide*

  This guide describes the tasks for setting up and managing an ALL-IN-1 system, so that it operates efficiently. The guide also explains how to improve performance, how to incorporate customizations, and how the ALL-IN-1 files are organized within VMS.

- *ALL-IN-1 Mail Management Guide*

  This guide describes how to manage an ALL-IN-1 mail system. The major management concern is to ensure that all messages sent to and from local ALL-IN-1 users are delivered.

- *ALL-IN-1 Administration Guide*

  This guide describes the ALL-IN-1 administration tasks, which include maintaining ALL-IN-1 on a day-to-day basis and supporting users. The administration tasks are defined by the ALL-IN-1 manager, and are available from the Administration menu.

- *ALL-IN-1 Modifying Printer Tables*

  This guide describes the use of printer tables, and teaches you how to use the printer table utility to customize existing printer tables to meet your needs.

Related Books

In addition to the ALL-IN-1 Management documentation set, your ALL-IN-1 kit contains a user documentation set and a programming documentation set.

The user documentation set contains:

ALL-IN-1 Getting Started
ALL-IN-1 Quick Lookup
ALL-IN-1 User's Reference
ALL-IN-1 User Changes
ALL-IN-1 Keyboard Reference Cards
ALL-IN-1 Keyboard Diagram Cards
WPS-PLUS Quick Lookup
WPS-PLUS Editor Functions
WPS-PLUS List and Sort Processing

The programming documentation set contains:

ALL-IN-1 Application Programming: Getting Started
ALL-IN-1 Application Programming: Guide
ALL-IN-1 Application Programming: Mini-Reference
ALL-IN-1 Application Programming: Reference Volume 1
ALL-IN-1 Application Programming: Reference Volume 2
ALL-IN-1 Application Programming: User Interface Standards
ALL-IN-1 Application Programming: Index
WPS-PLUS Accessing External Applications

You may also need to refer to the documentation on the following products:

- VAX FMS Version 2.4
- ALL-IN-1 Version 2.4 Group Conferencing
- ALL-IN-1 Voice Messaging Support Version 1.0
- VAX Message Router Version 3.1
- VAX Datatrieve Version 5.0
- VAX Application Control and Management System Version 3.1
- VAX DECpage Version 3.1
- DECtalk Mail Access Version 1.1
- VAX VTX Version 4.0
- VAX TEAMDATA Version 1.3
- VAX RALLY Version 2.0
- DECdx/VMS Version 1.1

You may need to refer to the VMS books for the version of VMS running on your system.

Document Structure

ALL-IN-1 Installation Guide Part 1 Base Installation

This part describes the installation of ALL-IN-1 Version 2.4.

Chapter 1	Preparing to Install ALL-IN-1 V2.4 This chapter describes the steps to complete before beginning the installation, including how to prepare the system if you want to integrate ALL-IN-1 with optional software products.
Chapter 2	Accessing the Online Release Notes This chapter describes how to access and print the online Release Notes
Chapter 3	Installing a New ALL-IN-1 V2.4 System This chapter describes the steps to perform to install a new ALL-IN-1 Version 2.4 system.
Chapter 4	Installing Additional Languages for ALL-IN-1 V2.4 This chapter describes the steps to perform to install additional languages for ALL-IN-1 Version 2.4.
Chapter 5	Upgrading Your ALL-IN-1 V2.3 System to ALL-IN-1 V2.4 This chapter describes the steps to perform to upgrade from ALL-IN-1 Version 2.3 to ALL-IN-1 Version 2.4.
Chapter 6	Upgrading ALL-IN-1 V2.3 Additional Languages to ALL-IN-1 V2.4 Additional Languages This chapter describes the steps to perform to upgrade ALL-IN-1 Version 2.3 additional languages to ALL-IN-1 Version 2.4 additional languages.
Chapter 7	Upgrading from ALL-IN-1 STARTER V1.0 to ALL-IN-1 V2.4 This chapter describes the steps to perform to upgrade from ALL-IN-1 STARTER Version 1.0 to ALL-IN-1 Version 2.4.
Chapter 8	Upgrading ALL-IN-1 STARTER V1.0 Additional Languages to ALL-IN-1 V2.4 Additional Languages This chapter describes the steps to perform to upgrade ALL-IN-1 STARTER Version 1.0 additional languages to ALL-IN-1 Version 2.4 additional languages.
Chapter 9	Updating ALL-IN-1 STARTER V2.4 to ALL-IN-1 V2.4 This chapter describes the steps to perform to update ALL-IN-1 STARTER Version 2.4 to ALL-IN-1 Version 2.4.

Chapter 10	Updating ALL-IN-1 STARTER V2.4 Additional Languages to ALL-IN-1 V2.4 Additional Languages This chapter describes the steps to perform to update ALL-IN-1 STARTER Version 2.4 additional languages to ALL-IN-1 Version 2.4 languages.
Chapter 11	Updating an Existing ALL-IN-1 V2.4 System This chapter describes the steps to perform to update your existing ALL-IN-1 Version 2.4 system. You can update your ALL-IN-1 Version 2.4 system if you decide to change the configuration, or an ALL-IN-1 component is revised by Digital.
Chapter 13	Steps Required for Installing ALL-IN-1 V2.4 This chapter contains a complete list of the steps required for installing ALL-IN-1 Version 2.4.
Chapter 14	After Installing ALL-IN-1 V2.4 This chapter describes the tasks to complete so that ALL-IN-1 can be run by users.
Appendix A	Files on the ALL-IN-1 V2.4 Distribution Media This appendix lists the files contained on the distribution media.
Appendix B	Sample Installation This appendix contains computer listings of a new ALL-IN-1 Version 2.4 installation, an upgrade installation from ALL-IN-1 Version 2.3, and an additional language installation.
Appendix C	Files and Logical Names Installed on Your System This appendix lists the directories, and the files in each directory, of an installed ALL-IN-1 Version 2.4 system.
Appendix D	Changing the Configuration of ALL-IN-1 V2.4 This appendix describes how to change the configuration of an installed ALL-IN-1 Version 2.4 system.

ALL-IN-1 Installation Guide Part 2 Language Installation

This part contains language-specific information, for the language you are installing. There is a version of this part for each language supported by ALL-IN-1 Version 2.4. Your ALL-IN-1 Version 2.4 kit contains a version of this part for each language included with the kit.

ALL-IN-1 Installation Guide Part 3 Market Installation

This part contains market-specific information, where a market may be specific to a single country. Your ALL-IN-1 Version 2.4 kit contains the version specific to your market.

Conventions

The following conventions are used throughout this document:

`Messages`	Indicates prompts and messages from the computer.
`Red Print`	Indicates entries you make at the terminal.
lowercase	Lowercase text in an ALL-IN-1 function call, or in a DCL command or command procedure, indicates that you substitute a valid expression in that place.
[ ]	Brackets in an ALL-IN-1 function, or in a DCL command or command procedure, indicate an optional entry, or a DCL directory specification.
. . .	Horizontal ellipses indicate that additional data or text can be entered.
. . .	Vertical ellipses indicate that the example can or does contain more data or text than is shown.
1 2 3	Marks the order of the steps to complete a procedure.
a. b. c.	Marks steps within a major step in a procedure.
Press	Indicates that you make one keystroke with an editing or command key. For example, press RETURN.
Enter	Means type a command or response, or type information into a menu or form, and then press a terminator key such as RETURN.
UPPERCASE	Indicates keyboard keys and GOLD functions.
< >	Indicates a display that is variable.
CTRL/z	Indicates that you hold down the CTRL key while pressing the other key (z).
GOLD x	Means press the GOLD key, labeled PF1 on some keyboards, then press the key for the function. For example, GOLD TOP.
STEP n	Indicates step n of the ALL-IN-1 installation procedure.
step n	Indicates step n of a pre-installation or post-installation task.
ALL-IN-1	Means ALL-IN-1™ office automation system
DECnet	Means DECnet™ software
Message Router	Means Message Router™ software
WPS-PLUS	Means WPS-PLUS™ software

1

Preparing to Install ALL-IN-1 V2.4

You install ALL-IN-1 Version 2.4 using VMSINSTAL, from the SYSTEM account. VMSINSTAL is a command procedure used to install optional software products on the VMS operating system.

- You can install ALL-IN-1 Version 2.4 if you are not currently running ALL-IN-1, or you can upgrade your ALL-IN-1 Version 2.3 system to ALL-IN-1 Version 2.4. You must also upgrade your languages to the corresponding ALL-IN-1 Version 2.4 languages.
- You can also install additional languages, or update the language(s) currently being used by your ALL-IN-1 Version 2.4 system.
- If you are currently running ALL-IN-1 STARTER Version 1.0, you can upgrade to ALL-IN-1 Version 2.4 (see Chapter 7). You must also upgrade your languages to the corresponding ALL-IN-1 Version 2.4 languages.
- If you are currently running ALL-IN-1 STARTER Version 2.4, you can update to ALL-IN-1 Version 2.4 (see Chapter 9).
- If you decide to change the configuration of your existing ALL-IN-1 Version 2.4 system, or an ALL-IN-1 component is revised by Digital, you can update your ALL-IN-1 Version 2.4 system.
- If you are currently using WPS-PLUS/VMS, and you do not have a previous version of ALL-IN-1, you can install ALL-IN-1 Version 2.4 and optionally convert your WPS-PLUS/VMS users to ALL-IN-1. See Section 14.20 for details.
- If you are currently running ALL-IN-1 Version 2.2, ALL-IN-1/BEV Version 2.1 or ALL-IN-1 Version 2.1, you must first upgrade to ALL-IN-1 Version 2.3 and then upgrade to ALL-IN-1 Version 2.4 as described later. Note that you must read the ALL-IN-1 Version 2.3 *Release Notes* and *ALL-IN-1 Installation Guide* before installing ALL-IN-1 Version 2.4.

- For certain changes to your existing ALL-IN-1 Version 2.4 system you need not perform an update installation (for example, if you want to reconfigure ALL-IN-1 to use VAX DATATRIEVE). These changes are described in Appendix D.

To prepare for installation:

1. Check that the distribution kit is complete and correct according to the bill of materials included with the kit. See Section 1.1.
2. Make sure that your system has the prerequisite software. See Section 1.4.
3. Determine what other products you need to install before installing ALL-IN-1. See Section 1.5.
4. If you are intending to install ALL-IN-1 on a VAXcluster, see Section 1.6.
5. If you are intending to install additional languages, see Section 1.7.
6. Set up your system so that it is ready for the installation. See Section 1.8.
7. Complete the checklist of information appropriate to the type of installation you are going to perform. See Section 1.8.20.
8. If you are unfamiliar with ALL-IN-1, see the first chapter of the *ALL-IN-1 User's Reference* before starting installation.

Table 1–1 indicates the sections that you need to refer to in this chapter for the type of installation that you are going to perform.

Table 1–1 Section Reference Chart

Installation Type	Sections							
	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
New ALL-IN-1 V2.4 installation	*	*	*	*	*	*		*
New additional language installation	*	*	*	*		*	*	*
Upgrade from ALL-IN-1 V2.3	*	*	*	*	*	*		*
Upgrade of an ALL-IN-1 V2.3 language	*	*	*	*		*	*	*
Upgrade from ALL-IN-1 STARTER V1.0	*	*	*	*	*	*		*
Upgrade of an ALL-IN-1 STARTER V1.0 language	*	*	*	*		*	*	*
Update from ALL-IN-1 STARTER V2.4	*	*	*	*	*	*		*
Update of an ALL-IN-1 STARTER V2.4 language	*	*	*	*		*	*	*
Update of ALL-IN-1 V2.4	*	*	*	*	*	*		*
Update of an additional language	*	*	*	*		*	*	*

* Indicates that you need to refer to this section

1.1 Examining the Distribution Kit

To make sure that you have a complete kit, check the contents of the kit against the bill of materials.

If your kit is damaged or if you find that parts of it are missing, contact your Digital representative.

1.1.1 Magnetic Tape and TK50 Kits

All full ALL-IN-1 Version 2.4 kits (that is, as opposed to an additional language kit) should contain:

- Three magnetic tapes or TK50 cartridges containing all the files listed in Appendix A of this book, the *ALL-IN-1 Installation Guide Part 2 Language Installation* and the *ALL-IN-1 Installation Guide Part 3 Market Installation*. The VAX FMS Version 2.4 software is also contained on the tape or TK50 cartridge labeled:

  ALL-IN-1 V2.4 BASE BIN media_type
  INTERNATIONAL BASE
  (c) 1989 Digital Equipment Corp.

  media_type is 16MT9 for tape or TK50 for a TK50 cartridge.

- One magnetic tape or TK50 cartridge containing the Message Router VMSmail Gateway Version 3.1 kit. The kit contains Message Router Version 3.1 and Message Router VMSmail Gateway Version 3.1.
- One magnetic tape or TK50 cartridge containing the Release Notes Part 1 Language, for the language component supplied with your kit.
- One magnetic tape or TK50 cartridge containing the Release Notes Part 2 Market, for the market component supplied with your kit. (This document may not exist for all market components.)
- A Software Product Description (SPD).
- A System Support Addendum.
- The *ALL-IN-1 Installation Guide Part 1 Base Installation* (this book)
- The *ALL-IN-1 Installation Guide Part 2 Language Installation*, for the language component supplied with your kit.
- The *ALL-IN-1 Installation Guide Part 3 Market Installation*, for the market component supplied with your kit.

If you are installing an additional language you should have:

- A magnetic tape or TK50 cartridge containing the files for the language that you are installing (see Appendix A of the *ALL-IN-1 Installation Guide Part 2 Language Installation*)
- A magnetic tape or TK50 cartridge containing the Release Notes Part 1 Language, for the additional language
- The *ALL-IN-1 Installation Guide Part 2 Language Installation*, for the additional language

1.1.2 Compact Disk Consolidated Software Distribution Kits

All full ALL-IN-1 Version 2.4 kits (that is, as opposed to an additional language kit) should contain one compact disk (CD) containing all the files listed in Appendix A of this book.

The CD also contains VAX FMS Version 2.4, and Message Router VMSmail Gateway Version 3.1 which contains Message Router Version 3.1 and Message Router VMSmail Gateway Version 3.1.

The following documentation (in ASCII text format) is also included on the CD:

- A Read Me First
- The *ALL-IN-1 Installation Guide Part 1 Base Installation* (this book)
- The *ALL-IN-1 Installation Guide Part 2 Language Installation*, for the language component supplied with your kit.
- The *ALL-IN-1 Installation Guide Part 3 Market Installation*, for the market component supplied with your kit.
- A Software Product Description (SPD)
- A System Support Addendum (SSA)
- A Software Warranty Addendum (SWA)

If you are installing an additional language you should have a CD containing the files for the language that you are installing (see Appendix A of the *ALL-IN-1 Installation Guide Part 2 Language Installation*).

The CD also includes (in ASCII text format):

- The *ALL-IN-1 Installation Guide Part 2 Language Installation*, for the additional language

1.2 VMS License Management Facility

The VMS License Management Facility (LMF) is available with Version 5.1 of the VMS operating system. If you are installing ALL-IN-1 Version 2.4 on a VMS V5.1 (or higher) system, you must register your software license.

The license registration information you need is contained in the Product Authorization Key (PAK) that comes with ALL-IN-1 Version 2.4. The PAK is a paper certificate that contains information about the license you must have in order to run a particular piece of software.

You must register your ALL-IN-1 Version 2.4 license before you perform the installation. During the installation, you are asked if you have registered the ALL-IN-1 Version 2.4 license and loaded the appropriate authorization key.

To register a license under VMS V5.1, first log in to the system manager's account, SYSTEM. You then have a choice of two ways to perform the registration:

- Invoke the SYS$UPDATE:VMSLICENSE.COM procedure. When it prompts you for information, respond with data from your Product Authorization Key (PAK).
- Issue the DCL command, LICENSE REGISTER, together with the appropriate qualifiers that correspond to information on the PAK.

For complete information on using LMF, see the manual on the License Management Utility in the VMS V5.1 documentation set.

1.3 Required Operating System Components

For VMS Version 5.1, or higher, systems, ALL-IN-1 Version 2.4 requires that your system is running a full, untailored VMS system.

1.4 Prerequisite Software

The following software must be installed on your system:

- VMS Version 5.1, or higher
- VAX Forms Management System (FMS) Version 2.4.

Note *ALL-IN-1 must have the form driver (FDVSHR) installed as a known shareable image. See Section 1.4.1.*

See the *VAX FMS Installation Guide and Release Notes* for details of installing VAX FMS. (If you want to run the sample programs supplied with VAX FMS you must have at least one compiler installed on your system.)

Digital does not recommend the use of any earlier version of FMS with ALL-IN-1 Version 2.4.

If you install VAX FMS from the kit supplied with ALL-IN-1 Version 2.4, you must register the license before you can run FMS. FMS must be running before you install ALL-IN-1.

1.4.1 Installed Images

Make sure that the following shareable image and message files are installed on your system before installing ALL-IN-1:

- SYS$MESSAGE:FDVMSG.EXE
- SYS$SHARE:CONVSHR.EXE
- SYS$SHARE:FDLSHR.EXE

- SYS$SHARE:FDVSHR.EXE
- SYS$SHARE:LBRSHR.EXE
- SYS$SHARE:MTHRTL.EXE
- SYS$SHARE:NMLSHR.EXE
- SYS$SHARE:PASRTL.EXE
- SYS$SHARE:SCNRTL.EXE
- SYS$SHARE:SCRSHR.EXE
- SYS$SHARE:VMSRTL.EXE
- SYS$SHARE:VAXCRTL.EXE

To check whether or not these images are installed on your system, enter the following:

```
$  INSTALL
INSTALL>  LIST image
```

image is the image to be checked. For example, SYS$SHARE:CONVSHR.

If the Install Utility cannot find an entry for an image, install the image as follows:

```
INSTALL>  CREATE image /OPEN /SHARED /HEADER_RES
INSTALL>  EXIT
```

Note *If the images FDVMSG.EXE and FDVSHR.EXE are not installed, edit the command procedure SYS$MANAGER:FMSTARTUP.COM, remove the EXIT command before the entry RUN SYS$SYSTEM:INSTALL, and then execute the command procedure.*

If there is an entry for the image, check that the display shows the following information:

```
imagename.EXE       Open Hdr Shar
```

imagename is the name of the image. For example, CONVSHR.

If the display does not show this information, change the way that the image is installed as follows:

```
INSTALL>  REPLACE image /OPEN /SHARED /HEADER_RES
INSTALL>  EXIT
```

For details of installing shareable image files, see the VMS manual describing the Install Utility.

Note that the following images are temporarily installed during the installation of ALL-IN-1:

- If you integrated WPS-PLUS:
  - SYS$SHARE:LNGSPLCOM.EXE
  - SYS$SHARE:LNGOSENVR.EXE
  - SYS$SHARE:LNGSPLMSG.EXE
  - SYS$SHARE:LNGSPLlang.EXE, for all languages with DECspell support (see the *ALL-IN-1 Installation Guide Part 2 Language Installation*)
  - SYS$SHARE:LNGSPLSHR.EXE
- If standalone DECspell is installed on your system:
  - SYS$SYSTEM:LNGSPLCOR.EXE
  - SYS$SYSTEM:LNGSPLNDX.EXE
  - SYS$SYSTEM:LNGSPLFOR.EXE

The ALL-IN-1 startup command procedure A1V24START.COM installs all these as known images at system startup. This command procedure is in SYS$MANAGER.

1.5 Optional Software Products

The following products can be purchased separately and integrated with ALL-IN-1:

- VAX DATATRIEVE Version 5.0 or higher. See Section 1.5.2.

  Digital does not recommend the use of any earlier version of VAX DATATRIEVE with ALL-IN-1 Version 2.4.

- VAX Application Control and Management System (ACMS) Version 3.1 or higher. See Section 1.5.4

  Digital does not recommend the use of any earlier version of ACMS with ALL-IN-1 Version 2.4.

Message Router Version 3.1 is supplied with ALL-IN-1 Version 2.4 (see Section 1.5.3). If you want to use Mail directory addressing you must install Message Router Version 3.1 on the same node as ALL-IN-1. Digital does not recommend the use of any earlier version of Message Router with ALL-IN-1 Version 2.4.

Message Router VMSmail Gateway (MRGATE) Version 3.1 is supplied with ALL-IN-1 Version 2.4 (see Section 1.5.3). If you want to install Message Router on the same node as ALL-IN-1, Digital does not recommend the use of any earlier version of MRGATE with ALL-IN-1 Version 2.4.

Note *If you install Message Router and Message Router VMSmail Gateway from the kit supplied with ALL-IN-1 Version 2.4, you must register the licenses for both products before you can run them. Message Router and, if installed, Message Router VMSmail Gateway must be running before you install ALL-IN-1.*

If you want to use any of these products with ALL-IN-1, see the order of installation listed in Section 1.5.6.

In addition, the following products can be integrated with ALL-IN-1:

- ALL-IN-1 Version 2.4 Group Conferencing

  ALL-IN-1 Version 2.4 Group Conferencing is an option that you install separately. ALL-IN-1 Version 2.4 Group Conferencing provides an interface, from within ALL-IN-1, to VAX Notes conferences.

- VAX DECpage Version 3.1

  DECpage is an ALL-IN-1 option that you install separately. When VAX DECpage Version 3.1 is installed after ALL-IN-1, it is accessible from the Word and Document Processing (WP) menu within ALL-IN-1. It is not necessary to link the VAX DECpage software to ALL-IN-1.

- VAX VTX Version 4.0

  VTX is an ALL-IN-1 option that you install separately. When VAX VTX Version 3.1 is installed after ALL-IN-1, it is accessible from the Information Management (IM) menu within ALL-IN-1. It is not necessary to link VAX VTX software to ALL-IN-1.

- VAX TEAMDATA Version 1.3
- VAX RALLY Version 2.0
- Language and Specialized Lexicons. See the *ALL-IN-1 Installation Guide Part 2 Language Installation* for the language and specialized lexicons supported. (The language and specialized lexicons are only available for certain languages.)
- DECtalk Mail Access Version 1.1.
- DECdx/VMS Version 1.1

  DECdx/VMS is required only to allow users to transfer DX documents between Digital's mainframe computers (in conjunction with DECdx/RSTS, DECdx/RSX and DECdx/TOPS-20)

DECnet/VAX Version 5.1 can be purchased separately. If you want to exchange mail with other systems and use the Time Management scan option you must install DECnet/VAX Version 5.1 on your system.

If you are upgrading to ALL-IN-1 Version 2.4, and you are currently running any ALL-IN-1 layered products, you may need to prepare the layered product(s) before you install ALL-IN-1 Version 2.4 (see your layered product documentation).

1.5.1 Initial DDIF Support

ALL-IN-1 provides users with the ability to manipulate Digital Document Interchange Format (DDIF) documents, for example, documents produced by DECwrite. You can:

- Send or forward DDIF documents by mail as attachments between ALL-IN-1 users on the same or remote nodes
- You can store the DDIF documents directly in the ALL-IN-1 File Cabinet and read them (display on the screen) using the Word and document processing Read (WP R) option.

  When in the ALL-IN-1 File Cabinet you can manipulate the DDIF documents using any of the File Cabinet (FC) functions such as Delete and Archive.
- Edit DDIF documents by using either the EDT or WPS-PLUS editors
- Print DDIF documents either on PostScript capable printers or on ASCII printers

  Export DDIF documents from the ALL-IN-1 File Cabinet to VMS where they reside as VMS files
- Convert DDIF documents to ASCII, DX, WPS-PLUS, or Alternate Format Syntax (AFS)
- Create DDIF documents by converting documents in ASCII, DX, WPS-PLUS, or AFS to DDIF

The following software must be installed, before you can use DDIF with ALL-IN-1.

- DECwindows Version 1.0, or higher

  The installation checks to see if the logical name CDA$LIBRARY is defined.
- Compound Document Architecture Converter Library Version 1.0

  The installation checks to see if the following files are present:

  - DDIF$READ_DX.EXE
  - DDIF$READ_DFX.EXE

- DDIF$WRITE_AFS.EXE

The files for DDIF support are installed during the installation of ALL-IN-1 Version 2.4. However, your users will be unable to convert DDIF documents to ALL-IN-1 until the prerequisite software is installed.

1.5.2 Integrating VAX DATATRIEVE with ALL-IN-1

If you integrate VAX DATATRIEVE Version 5.0 with ALL-IN-1, you can use the ALL-IN-1 DTR function to make VAX DATATRIEVE applications available from ALL-IN-1. See *ALL-IN-1 Application Programming: Reference Volume 2* for details.

The ALL-IN-1 installation procedure asks if you want to integrate VAX DATATRIEVE with ALL-IN-1.

You must install the following images before you install ALL-IN-1 if you want ALL-IN-1 to integrate with VAX DATATRIEVE:

- SYS$SHARE:DTRSHR.EXE
- SYS$SHARE:CDDSHR.EXE
- SYS$MESSAGE:CDDEXC.EXE
- SYS$MESSAGE:DTRMSGS.EXE

If these images are not installed, ALL-IN-1 cannot link with the VAX DATATRIEVE software.

In addition, if you are integrating with VAX DATATRIEVE software, and if VAX DATATRIEVE links against any of the images in the following list (see the *VAX Datatrieve Installation Guide*), you must install them before installing ALL-IN-1:

- SYS$MESSAGE:DBMMSG.EXE
- SYS$SHARE:RDBSHR.EXE
- SYS$SHARE:RDMSHR.EXE
- SYS$SHARE:SORTSHR.EXE
- SYS$SHARE:EDTSHR.EXE
- SYS$SHARE:SECURESHR.EXE
- SYS$MESSAGE:RDBBMSGS.EXE
- SYS$MESSAGE:RDBMSGS.EXE
- SYS$MESSAGE:SHRIMGMSG.EXE

Also, all the SYS$SHARE:*RTL.EXE images must be installed. If you are not sure whether or not any of these images are installed on your system, enter the following commands from the VMS system manager's account:

```
$  INSTALL
INSTALL>  LIST image
```

image is the image to be checked, for example, SYS$SHARE:DBMSHR.

If the Install utility cannot find an entry for an image, install the image as follows:

```
INSTALL>  CREATE image /OPEN /SHARED /HEADER_RES
INSTALL>  EXIT
```

If there is an entry for the image, check that the display shows the following information:

```
imagename.EXE       Open  Hdr  Shar
```

imagename is the name of the image, for example, DBMSHR.

If the display does not show this information, change the way that the image is installed as follows:

```
INSTALL>  REPLACE image /OPEN /SHARED /HEADER_RES
INSTALL>  EXIT
```

For details of installing shareable image files, see the VMS manual describing the Install Utility.

1.5.3 Integrating Message Router and the Message Router VMSmail Gateway with ALL-IN-1

The ALL-IN-1 installation procedure asks if you want to send and receive remote mail.

- Install and configure Message Router before you install ALL-IN-1, if you want to send and receive remote mail
- Install and configure Message Router and the Message Router VMSmail Gateway before you install ALL-IN-1, if you want to send mail to VMSmail users, either on the local system or remotely
- If you want to install Message Router on the local system (that is, the system on which you are installing ALL-IN-1) then you must install Message Router Version 3.1. The Message Router on the local system is referred to as a local Message Router. Both Message Router Version 3.1 and the Message Router VMSmail Gateway Version 3.1 are provided in the ALL-IN-1 kit.
- If you want to use the Message Router Directory Service (referred to as the Mail directory), you must install Message Router Version 3.1 on the local system before you install ALL-IN-1.

- If you already have Message Router Version 3.1 installed on your system, make sure that it is configured before you install ALL-IN-1 Version 2.4.
- If ALL-IN-1 Version 2.4 is already installed, and you want to install Message Router on the local system, you must install and configure Message Router Version 3.1 and then perform an update installation of ALL-IN-1 Version 2.4.

You can also integrate ALL-IN-1 with Message Router on a remote system (that is, a system other than the one on which you are installing ALL-IN-1). See Section 14.9 for more information. You may want to do this if you do not have enough space on your own system to install Message Router. However, the Mail directory is not available when Message Router is remote, so you cannot use Mail directory addressing (see Section 1.5.3.1). The Message Router on the remote system is referred to as a remote Message Router.

When you install Message Router the exception reporting routines for the ALL-IN-1 Electronic Messaging subsystem are installed. If you want to run the exception reporting routines, you must configure exception reporting for the ALL-IN-1 Electronic Messaging subsystem.

See Section 1.6 for information on using ALL-IN-1 and Message Router on VAXcluster systems.

For more information on installing and using Message Router and Message Router VMSmail Gateway, refer to the Message Router and Message Router VMSmail Gateway books, and the *ALL-IN-1 Mail Management Guide*.

Before you install ALL-IN-1, read the chapter on planning in the *ALL-IN-1 Mail Management Guide*, to decide how to set up the mail system.

1.5.3.1 The Mail Directory and the ALL-IN-1 Directory

The Mail directory and the ALL-IN-1 directory are directories of users in the network. These directories hold the names and electronic mail addresses of users in the network.

The Mail directory is provided by the Directory Service component of Message Router.

Before deciding whether or not to use the Mail directory, see the Planning chapter in the *ALL-IN-1 Mail Management Guide*.

1.5.4 Integrating ACMS with ALL-IN-1

ACMS is a software tool that makes online applications easier to develop. If you want to integrate ACMS with ALL-IN-1, you must install the file ACMSHR.EXE. If you are not sure whether ACMSHR.EXE is installed on your system, enter the following commands from the VMS system manager's account:

```
$  INSTALL
INSTALL>  LIST SYS$SHARE:ACMSHR
```

If the Install utility cannot find an entry for ACMSHR.EXE, install it as follows:

```
INSTALL>  CREATE SYS$SHARE:ACMSHR /OPEN /SHARED /HEADER_RES
INSTALL>  EXIT
```

If there is an entry for ACMSHR.EXE, check that the display shows the following information:

```
ACMSHR.EXE       Open  Hdr  Shar
```

If the display does not show this information, change the way that ACMSHR.EXE is installed as follows:

```
INSTALL>  REPLACE SYS$SHARE:ACMSHR /OPEN /SHARED /HEADER_RES
INSTALL>  EXIT
```

1.5.5 Integrating WPS-PLUS with ALL-IN-1

You can integrate WPS-PLUS Version 3.1 when you install ALL-IN-1. An installation question asks whether you want to integrate WPS-PLUS. If you choose to integrate WPS-PLUS it is fully integrated with ALL-IN-1 and is available as the default editor. You do not need additional software to integrate WPS-PLUS, as everything required is provided in the ALL-IN-1 kit. After installation there are a number of tasks you must perform before users can use WPS-PLUS, for example, setting terminal and queue characteristics (see Section 14.13 and the *ALL-IN-1 Management Guide* for details).

If WPS-PLUS/VMS already exists on your system, you can still integrate and use WPS-PLUS with ALL-IN-1 (see Section 14.20 for details).

If you integrate WPS-PLUS with ALL-IN-1, you may be able to use various spell-checking lexicons. See the *ALL-IN-1 Installation Guide Part 2 Language Installation* for the spell-checking lexicon that is supplied with your kit, and for any other optional products.

Note *Lexicons are only available for certain language versions of ALL-IN-1 Version 2.4.*

1.5.6 Installation Order

The following installation order is recommended:

1. Register the licenses for VAX FMS Version 2.4, Message Router Version 3.1, Message Router VMSmail Gateway Version 3.1, CDA Converter Library Version 1.0 and VAX Notes Version 2.0.
2. Install VAX FMS Version 2.4, if it is not already installed on your system.
3. Install ACMS Version 3.1, or higher, if you want to incorporate it with ALL-IN-1 Version 2.4.
4. Install VAX DATATRIEVE Version 5.0, or higher, if you want to incorporate it with ALL-IN-1 Version 2.4.
5. Install Message Router Version 3.1, if you want to send and receive messages to and from other systems, or you want to use Mail directory addressing, or you want to send mail to VMSmail users, either on the local system or to remote systems.
6. Configure Message Router Version 3.1, if it is installed and not yet configured.
7. Install Message Router VMSmail Gateway Version 3.1, if you want to send mail to VMSmail users, either on the local system or remotely.
8. Configure Message Router VMSmail Gateway Version 3.1, if it is installed and not yet configured.
9. Install CDA Converter Library Version 1.0.
10. Install ALL-IN-1 Version 2.4.
11. Configure exception reporting routines for ALL-IN-1 Version 2.4 Electronic Messaging subsystem.
12. Install VAX Notes Version 2.0.
13. Install ALL-IN-1 Version 2.4 Group Conferencing.

Note *WPS-PLUS is supplied with ALL-IN-1. If you choose to integrate WPS-PLUS with ALL-IN-1, it is available as the default editor in ALL-IN-1.*

1.5.7 Keeping a Record of the Installation

When you install ALL-IN-1 Version 2.4, Digital recommends that you use a hard-copy terminal, so that you have a permanent record of the installation. Alternatively, you can keep a record of the installation in a log file if you enter the command:

```
$ SET HOST /LOG=filename 0
```

where filename is the name of the log file. For example, you might use ALLIN1_INSTALL.LOG. The default is SETHOST.LOG, if filename is omitted. The log file is created in the directory where you entered the command. For example, if you enter the command in the directory SYS$SYSDEVICE:[SYSTEM.FRED] then this directory will contain the log file. To use the SET HOST command, DECnet must be running on your system. Make a note of the directory where you entered the SET HOST command.

If you decide to keep a record of the installation in a log file, you need to allow at least 200 blocks, in addition to the space required for ALL-IN-1 (see Section 1.8.16).

If you have a VAXcluster system, and you are running the VAXcluster Console System (VCS), you can use this to record the installation of ALL-IN-1 Version 2.4. This does not require DECnet to be running, does not use any disk space on the system where the installation is performed, and does not echo any passwords that you enter during the installation. See the manual for the VAXcluster Console System.

1.6 Installing ALL-IN-1 on VAXcluster Systems

ALL-IN-1 Version 2.4 can be installed on a common-environment cluster, a multiple-environment cluster or Local Area VAXcluster.

1.6.1 Installing ALL-IN-1 on a Common-Environment Cluster

In a common-environment cluster, the operating environment is identical on each member node, because the nodes are run from the same system files. The nodes are set up with identical user accounts, the same known images (such as the ALL-IN-1 image) are installed, the same logical names are defined, and mass storage devices and queues are shared. In effect, users in a common-environment cluster can log in to any node and work in the same operating environment. For example, ALL-IN-1 will be installed on one node only, but will be available to users on all nodes.

1.6.1.1 Running ALL-IN-1 on a Common-Environment Cluster

When running ALL-IN-1 on a common-environment cluster:

- You must run the ALL-IN-1 startup command procedure, SYS$MANAGER:A1V24START.COM, on all nodes in the cluster on which you want to run ALL-IN-1. (See Section 14.6 of this guide.)

Note *ALL-IN-1 Version 2.4 does not support rolling upgrades; that is, mixed VMS Version 4.7 and Version 5.0 clusters. All nodes in the cluster must be running VMS Version 5.1, or higher, before you install ALL-IN-1 Version 2.4.*

- You can spread the ALL-IN-1 areas around your VAXcluster disks, just as you would for a single-node system (see Section 1.8.16).

- You must check the VMS system parameters, as described in Section 1.8, on each node in the VAXcluster on which you are going to run ALL-IN-1.
- The housekeeping procedure which creates new shared directories has to define new system logical names on each node in a VAXcluster. You must ensure that the new names are defined on every node in the cluster for which the new shared directories will be created. Use the Manage node specific batch queues (MNQ) option on the Manage Mail Areas menu to do this. See the *ALL-IN-1 Management Guide* for details.
- The default value of the logical name OA$PRIMARY_NODE is set by A1V24START.COM after the installation has completed, as follows:
  - If you are using a remote Message Router, OA$PRIMARY_NODE is set to the name of the node on which the Message Router is resident.
  - If you are installing ALL-IN-1 on a VAXcluster, and cluster aliasing is enabled, OA$PRIMARY_NODE is set to the cluster alias.
  - If you are using a local Message Router and cluster aliasing is not enabled, OA$PRIMARY_NODE is the name of the node on which the Message Router is resident.

  The node name represented by this logical name is used in ALL-IN-1 directory addressing as the node name for all users on the cluster. It is also used by Electronic Messaging in the return address for all mail sent to other computer systems via Message Router.

For further information about clusters, see the VMS VAXcluster documentation.

1.6.2 Installing ALL-IN-1 on a Multiple-Environment Cluster

In a multiple-environment cluster, the environment varies from node to node, and users can work in environments that are specific to the node that they are logged in to. A multiple-environment cluster is effective when you want to share data among member nodes, but when you want certain nodes to serve specialized needs. A multiple-environment cluster can be considered as having different parts, each part providing a different environment.

For example, you might want to set up a three-node cluster in which ALL-IN-1 can be used on two nodes, while the third node is set up exclusively for batch processing of large inventory jobs. In this case, the nodes from which ALL-IN-1 is available are set up with a common environment, sharing users, queues, and access to mass storage devices, while the the third node runs in its own restricted environment and ALL-IN-1 is unavailable. However, you must run the ALL-IN-1 startup command procedure, SYS$MANAGER:A1V24START.COM, on all the nodes in the part of the cluster with the common environment.

Another configuration might have four nodes split into two parts (two nodes in each part), with both parts providing distinct common environments. If you want to run ALL-IN-1 on all four nodes, you must install ALL-IN-1 in each part. However, the ALL-IN-1 system on one part is available only to users logged in to that part of the cluster. The two ALL-IN-1 systems are managed separately.

1.6.2.1 Running ALL-IN-1 on a Multiple-Environment Cluster

When running ALL-IN-1 on a multiple-environment cluster:

- You must check the VMS system parameters, as described in Section 1.8, on each node in the part of the cluster on which you are going to run ALL-IN-1.
- ALL-IN-1 is only available to users that are logged in to the part on which ALL-IN-1 is installed. If a part of the cluster does not have ALL-IN-1 installed, users logged in to a node in that part of the cluster cannot use ALL-IN-1. Therefore, users (including batch jobs) of an ALL-IN-1 system must make sure that they are running on the part of the cluster containing the ALL-IN-1 system that they want to use.

  The ALL-IN-1 housekeeping procedures must be assigned to a batch queue. You must use a queue specific to the part of the cluster on which the ALL-IN-1 system is running. If your system has a cluster-wide generic queue which points to all queues in the cluster you must not use that queue.

  The housekeeping procedure which creates new shared directories has to define new system logical names on each node in a VAXcluster. You must ensure that the new names are defined on every node in the part of the cluster containing the ALL-IN-1 system for which the new shared directories will be created. Use the Manage node specific batch queues (MNQ) option on the Manage Mail Areas menu to do this. See the *ALL-IN-1 Management Guide* for details.
- You must install Message Router, if you want to send and receive remote mail.

  If you want to use Mail directory addressing, you must install Message Router Version 3.1 on the same part of the cluster on which you are going to install the ALL-IN-1 system. In this case, Message Router is referred to as a local Message Router.

Note *Mail directory addressing can only be used on certain multiple-environment cluster configurations. See the* Message Router Installation Guide *for details.*

You can use Message Router on another part of the cluster, or on another system, if you do not have enough disk space on the part that you are going to install ALL-IN-1. In this case, Message Router is referred to as a remote Message Router. You cannot use Mail directory addressing with a remote Message Router.

The main points to remember when running ALL-IN-1 in a multiple-environment cluster are:

- Users must log in to the right part of the cluster to use ALL-IN-1.
- Batch queue names should be specific to the part of the cluster running ALL-IN-1.
- You must run A1V24START.COM on every node in the part of the cluster running ALL-IN-1. This command procedure is in SYS$MANAGER.
- To use the Mail directory, you must install Message Router Version 3.1 in the same part as ALL-IN-1. However, the Mail directory can only be used on certain multiple-environment cluster configurations (see the *Message Router Installation Guide* for details). You can use a remote Message Router, but you cannot use the Mail directory.

For further information about clusters, see the VMS VAXcluster documentation.

1.6.3 Installing ALL-IN-1 on a Local Area VAXcluster System

You can install ALL-IN-1 Version 2.4 on a local area VAXcluster system. A local area VAXcluster system consists of a boot node (a VAX system or MicroVAX system containing all the disks from which ALL-IN-1 is run) connected by Ethernet to a number of satellite nodes, usually MicroVAX systems.

If you are using a local area VAXcluster system, Digital recommends that you install ALL-IN-1 on the boot node. This node is likely to be the only node where disk space is available to run ALL-IN-1. The satellite nodes are for the individual work groups only, and they use the boot node to access ALL-IN-1 files.

You must check the VMS system parameters as described in Section 1.8, on each node in the local area VAXcluster system on which you are going to run ALL-IN-1.

Note *If you intend to install ALL-IN-1 on a local area VAXcluster system, Digital recommends that you contact your local Software Services representative.*

1.7 Installing Additional Languages

Your basic ALL-IN-1 Version 2.4 kit is supplied with a specific language component for your market. You can use other languages with your ALL-IN-1 Version 2.4 system, in addition to the one supplied with your kit. If you want to install additional languages, you must have specified that you wanted to build a multi-language system when you installed the original language. See the *System Support Addendum* for a list of the languages supported by your ALL-IN-1 Version 2.4 system.

If, during the installation of the original language, you answered NO to the prompt `Do you want to build a multi-language system?`, you must re-link ALL-IN-1 Version 2.4 and answer YES to this prompt. See the *ALL-IN-1 Management Guide* for details on linking the ALL-IN-1 image.

You can install the languages (if available), including the one supplied with your kit, in any order. However, the language that you install when the main ALL-IN-1 Version 2.4 kit is installed is the default language. That is, it is the language indicated in the language field of the user's account details, and is used by ALL-IN-1 if you do not use the /LANGUAGE qualifier (see Section 14.6) when logging in to ALL-IN-1. You install other laguages separately by performing an additional language installation (see Chapter 4). These languages are additional to the default language.

See the *ALL-IN-1 Installation Guide Part 2 Language Installation* of the language you want to install for:

- The language name used for language-specific file, directory, and logical names.
- The size of the ALL-IN-1 Version 2.4 language component. You need this information to determine the disk space required for installing that language (see Section 1.8.16).

1.8 Preparing the System for Installation

To prepare your system for the installation of ALL-IN-1 Version 2.4, carry out the steps listed in Table 1–2, and mark off each action as you complete it, before starting the installation. You must carry out these actions from a privileged SYSTEM account.

Note

- *Digital recommends using logical names wherever possible. For example, assign logical names to your disks. The logical names must not start with A1$ or OA$. For example, you must not use A1$DEVICE. If your system uses logical names with prefixes A1$ or OA$, other than those defined by the ALL-IN-1 installation (see Appendix C), you must rename them.*

- *ALL-IN-1 must not be used by any batch jobs or users during the installation, or the installation will fail. Therefore, you must remove the mail Sender and Fetcher from the batch queue if you are going to perform an upgrade installation.*

The values for the various system parameters and quotas given in Table 1–2 are those specific to ALL-IN-1 and are acceptable for most systems. The *ALL-IN-1 Management Guide* describes how to set system parameters for ALL-IN-1. Also, see the VMS books for guidelines on the setting of system parameters.

Table 1–2 Actions to Complete Before Installing ALL-IN-1

Step	Section	Action	Completed
1	1.8.3	Backup the system disk	
1	1.8.3	Backup any target disks (if applicable)	
2	1.8.4	Make sure that there are no active users on the system	
3	1.8.6	Register and load the licenses for the prerequisite software	
4	1.8.7	Ensure that the Message Router Directory Service is running if you want to use the Mail directory	
5	1.8.5	Move your applications to ALL-IN-1 Customization Management (Ug, Ud)	
6	1.8.8	Stop the OA$FORMATTER queue (Ug, Ud)	
7	1.8.9	Ensure the queue manager is started	
8	1.8.10	Run the mail Sender and Fetcher (Ug, Ud)	
9	1.8.11	Remove the ALL-IN-1 housekeeping jobs from the batch queue (Ug, Ud)	
10	1.8.12	Check for adequate: global pages global sections global page file sections	
11	1.8.13	Check system parameter values: LOCKIDTBL 340 MAXBUF 5000 PIOPAGES 350 PQL_DENQLM 150 PQL_MENQLM 150	

† The values for WSEXTENT and WSQUOTA must be greater than the WSDEFAULT value.
Ug Upgrade installations
Ud Update installations

(continued on next page)

Table 1–2 (Cont.) Actions to Complete Before Installing ALL-IN-1

Step	Section	Action		Completed
		PROCSECTCNT	45	
		RESHASHTBL	85	
		RMS_DFMBC	16	
		RMS_DFMBFIDX	2	
		STARTUP_P1	null	
		TTY_TYPAHDSZ	1500	
		VIRTUALPAGECNT	16385	
12	1.8.14	Recompute system parameters		
13	1.8.15	Check process quotas:		
		ASTLM	100	
		BIOLM	50	
		BYTLM	36000	
		DIOLM	50	
		ENQLM	200	
		FILLM	100	
		JTQUOTA	1024	
		PGFLQUOTA	20000	
		PRCLM	10	
		TQELM	50	
		WSDEFAULT	600†	
		WSEXTENT	2048	
		WSQUOTA	800	
14	1.8.16	Check disk space		
15	1.8.17	Deinstall patches (Ug)		
16	1.8.18	Check your site-specific startup procedures (Ug)		
17	1.8.19	Considerations for ALL-IN-1 Version 2.4 Group Conferencing		
18	1.8.20	Complete checklist		
19	1.8.21	Check the License Management Utility requirements		

† The values for WSEXTENT and WSQUOTA must be greater than the WSDEFAULT value.
Ug Upgrade installations
Ud Update installations

1.8.1 Time Needed to Install ALL-IN-1 Version 2.4

The installation of ALL-IN-1 Version 2.4 can take from two to five hours, depending on the configuration of your system. For example, the installation will take longer on a MicroVAX system than on a VAX system. This does not include the time taken to install and configure Message Router and to set up your system.

The installation of an additional language takes approximately 1 to 2.5 hours.

1.8.2 Privileges

Install ALL-IN-1 Version 2.4 from the VMS system manager's account, with full privileges.

Note that the VMSINSTAL turns off the BYPASS privilege at the start of the installation.

1.8.3 Back Up Your System and Target Disks

If possible, back up your system disk and use this backup copy for installation. If you are going to install ALL-IN-1 Version 2.4 on more than one disk, back up those disks that are to be used during the installation.

Do this because:

- If a system failure occurs at a critical point during installation, some files could be left in an inconsistent state
- You can verify that the backup copy contains a working system image and then replace the system disk with it
- There is more contiguous free space, which may be needed for installation

1.8.4 Ensure No Active Users on the System

Ensure that there are no active users on the system.

Ask users currently on the system to log off and disable logins, by entering the following:

```
$ SET LOGINS /INTERACTIVE=0
```

1.8.5 Moving Your Applications to ALL-IN-1 Customization Management

If you have an application that that was not created using the ALL-IN-1 Customization Management subsystem, and you want to move the application to ALL-IN-1 Customization Management, you must save the appropriate elements as customizations. There are three situations to consider:

- Elements that are supported by customization management and have not yet been customized. See Section 1.8.5.1
- Elements that are supported by customization management and have been customized. See Section 1.8.5.2
- Elements that are not supported by customization management. See Section 1.8.5.3

1.8.5.1 Uncustomized Elements Supported by Customization Management

If your application contains uncustomized elements, do the following:

1. From the Customization Management menu of ALL-IN-1 Version 2.3, select the Access DIGITAL Elements (ADE) option to display the Access DIGITAL Elements menu.
2. Press SELECT and enter the name of the element that you want to move, and the type of the element.
3. Use the Copy to development area (CO) option to copy the selected element to the development area.
4. If the element is a form, enter EXIT. The following prompt is displayed:

   ```
   Do you want to save this form? (Y/N)
   ```

   Enter `Y` to exit the editing session without making any changes.

   If the element is not a form, press EXIT to exit the editing session without making any changes.

   In both cases, the Customization Management Site Modification Log is now displayed. Enter the details of the element.

1.8.5.2 Customized Elements Supported by Customization Management

Any elements that have been customized using Customization Management, are already in the SITE areas, and therefore you need not carry out any special steps.

1.8.5.3 Elements Not Supported by Customization Management

Certain elements cannot be customized using Customization Management. These elements are the help files in OAHELP.HLB, various messages in OAMESS.MSG and OASYMMSG.MAR.

Save these elements as follows:

1. Edit the elements that contain message symbols, using the ALL-IN-1 Version 2.3 Customization Management subsystem, and replace the symbols with the appropriate text. These symbols are defined in the message files OAMESS.MSG, and OASYMMSG.MAR.
2. Extract the help text from the help library, OA$BUILD:HLPSOURCE.HLB as follows:

   ```
   $  LIBRARY/EXTRACT=module_name/HELP -
   _$  /OUT=OA$SITE_DEV:module_name.RNO OA$BUILD:HLPSOURCE.HLB
   ```

   where module_name is the name of the help module for your application. Section 14.15 describes how to replace these modules after ALL-IN-1 Version 2.4 is installed.

1.8.6 Register the Licenses for the Prerequisite Software

If you install VAX FMS, Message Router and Message Router VMSmail Gateway, CDA Converter Library, and VAX Notes from the kits supplied with ALL-IN-1, register the licenses for these products as follows:

1. Invoke VMSINSTAL:

   ```
   $  SET DEFAULT SYS$UPDATE
   $  @VMSINSTAL A1024 device:
   ```

   where device: is the device on which the distribution media are to be mounted. You can use either a physical or logical device name. Logical device names must not begin with either A1$, OA$ or OA1$.

2. If your system is running VMS Version 5.1, answer `YES` to the prompt:

   ```
   %VMSINSTAL-W-DECNET, Your DECnet network is up and running.
   * Do you want to continue anyway [NO]?
   ```

3. Answer `YES` to the prompt:

   ```
   * Are you satisfied with the backup of your system disk [YES]?
   ```

4. VMSINSTAL subsequently displays a list of installation types. Enter `7` at the prompt:

   ```
   * What type of installation do you wish to perform [1]:
   ```

   VMSINSTAL checks the licenses, and if necessary installs and loads the appropriate licenses. VMSINSTAL then exits.

1.8.7 Ensure Message Router Directory Service is Running

If you want to use Mail directory addressing (see Section 1.5.3.1), make sure that the Message Router Directory Service is running.

If you are installing ALL-IN-1 on a multiple-environment cluster, the Message Router Directory Service must be running on the part on which you are installing ALL-IN-1 (see Section 1.6.2.1).

1.8.8 Shut Down the OA$FORMATTER Batch Queue

If you are performing an upgrade or update installation, shut down the OA$FORMATTER batch queue using the following command:

```
$ STOP /QUEUE /NEXT OA$FORMATTER
```

1.8.9 Start the Queue Manager

If your queue manager is not running, start it by entering the following command:

```
$ START /QUEUE /MANAGER
```

1.8.10 Run the Mail Sender and Fetcher

If you are performing an upgrade or update installation, run the mail Sender and Fetcher to read all the mail:

1. Enter the ALL-IN-1 manager's ALL-IN-1 account:

   ```
   $ ALLIN1 /USERNAME=MANAGER
   ```

2. Enter `MGT` to display the ALL-IN-1 Management menu.
3. Enter `MM` to display the Manage Messaging menu.
4. Enter `RF` (Run Fetcher) to run the Fetcher to fetch all received messages from the queue.
5. Enter `RS` (Run Sender) to run the Sender to clear all messages that are waiting to be sent from the queue.
6. Enter `EXIT` to exit the ALL-IN-1 manager's account.

1.8.11 Delete the ALL-IN-1 Housekeeping Jobs

If you are performing an upgrade or update installation, you must delete all the ALL-IN-1 houskeeping jobs from the batch queue. Do this as follows:

1. Enter the ALL-IN-1 manager's ALL-IN-1 account:

   ```
   $ ALLIN1 /USERNAME=MANAGER
   ```

2. Enter the following command to find out the entry numbers of the housekeeping jobs:

   ```
   $ SHOW QUEUE/BATCH
   ```

   Make a note of the entry numbers.

3. Enter the following command to delete each of the ALL-IN-1 housekeeping jobs:

   ```
   $ DELETE/ENTRY=entry_number queue_name
   ```

   where entry_number is the entry number of each housekeeping job, and queue_name is the name of the batch queue running the housekeeping jobs.

1.8.12 Calculate the Values for GBLPAGES, GBLSECTIONS and GBLPAGFIL

Make sure that you have enough global pages, global sections, and global page file sections available. Also, follow the steps described in this section to check that certain system parameters are set to adequate values. For more information on SYSGEN parameters refer to the VMS manual describing the SYSGEN utility.

Note *If you are running a VAXcluster system, you must ensure that these parameters are large enough on each node in the cluster on which you are going to run ALL-IN-1.*

These checks only ensure that the system is adequately configured for ALL-IN-1, and do not allow for the requirements of any other layered product.

1 Run the Install Utility and display the currently active values for the system parameters GBLSECTIONS and GBLPAGES:

```
$  INSTALL
INSTALL>  LIST /GLOBAL /SUMMARY
```

A message similar to the following will be displayed:

```
160 global sections used, 9867/985 global pages used/unused
```

The number of unused global pages required for the different installations is:

GBLPAGES (Global Pages Unused)

for a new installation	9000
for an upgrade installation	5000

If the number of unused global pages shown in the display is less than the required amount, increase it as follows:

a Calculate the value of GBLPAGES as follows:

- If you install ALL-IN-1 Version 2.4 but do not install Message Router, the number of global pages is:

  9000 + the allowance for global buffers

  For each system file, calculate the allowance for global buffers as follows:

  number of global buffers $\times$ maximum bucket size

  See the chapter on ALL-IN-1 tuning in the *ALL-IN-1 Management Guide* for the formulas used to determine the global buffer counts.

  On a default system, the ATTENDEE.DAT file has a bucket size of 2. Other system files have a bucket size of 4. Thus, for an installation that uses these default values, the formula for calculating the allowance for global buffers is as follows:

  4(n+1) + 4(n+1) + 4(n+1) + 2(n+1) + 4(5)

  n is the number of ALL-IN-1 users. For example, for an installation using the default values on a system with 100 users, the number of global pages is:

9000 + 4(101) + 4(101) + 4(101) + 2(101) + 20
= 9000 + 404 + 404 + 404 + 202 + 20
= 10434

- If you install Message Router as well as ALL-IN-1, add an extra 3500 blocks to the result of this calculation

b Edit the file SYS$SYSTEM:MODPARAMS.DAT, and include the following line:

ADD_GBLPAGES = increase-value

increase-value is the amount by which you want to increase the setting of this parameter.

For example, if you want to increase the value by 60, enter:

ADD_GBLPAGES = 60

2 Exit from the Install Utility as follows:

```
INSTALL> EXIT
```

3 Run the System Generation Utility as follows:

```
$ RUN SYS$SYSTEM:SYSGEN
```

4 Display the current value of global sections as follows:

```
SYSGEN>  USE CURRENT
SYSGEN>  SHOW GBLSECTIONS
```

The system displays the current value of global sections in the first column.

To find the number of unused global sections, subtract the number of global sections used (as shown by the Install Utility) from the current value (as shown by the System Generation Utility).

The number of global sections required for the different installations is:

for a new installation	45
for an upgrade installation	30

To increase the value of global sections, edit the file SYS$SYSTEM:MODPARAMS.DAT, and include the following line:

ADD_GBLSECTIONS = increase-value

increase-value is the amount by which you want to increase the setting of this parameter.

For example, if you want to increase the value by 10, enter:

ADD_GBLSECTIONS=10

5 Check the number of global page-file sections as follows:

```
SYSGEN> SHOW GBLPAGFIL
```

The current value for GBLPAGFIL should be high enough to allow for the maximum number of global buffers allocated on the system.

It is not possible to display the current value for GBLPAGFIL. The value displayed by entering the SHOW command is the value at the last reboot.

If the value of GBLPAGFIL is not high enough, it causes the Fetcher and Sender jobs of Electronic Messaging, or other parts of ALL-IN-1, to fail.

If the Sender and Fetcher jobs fail, the following error message is placed in the Sender and Fetcher log file:

```
System Service $CRMPSC failed to map global buffers
```

If other parts of ALL-IN-1 fail, this error message may be displayed on your screen.

To increase the value of GBLPAGFIL, edit the file SYS$SYSTEM:MODPARAMS.DAT and include the following line:

ADD_GBLPAGFIL = increase-value

> increase-value is the amount by which you want to increase the setting of this parameter.

For example, if you want to increase the value by 60, enter:

ADD_GBLPAGFIL = 60

1.8.13 Check the System Parameter Values

Display the current system parameter settings using the following command:

```
SYSGEN> SHOW /ALL
```

Alternatively, show each system parameter setting separately using the following command:

```
SYSGEN> SHOW parameter
```

parameter is the parameter you want to examine. Table 1–3 lists the minimum required system parameter values for the installation. Depending on the kinds of programs and applications running at your site, you might need higher values for some settings. If necessary, modify the parameters (as described in Step 2 or 3 of this section) to at least these values.

Table 1–3 Required System Parameter Values

System Parameter		Value
LOCKIDTBL		340
MAXBUF	(D)	5000
PIOPAGES		350
PQL_DENQLM	(D)	150
PQL_MENQLM	(D)	150
PROCSECTCNT		45
RESHASHTBL		85
RMS_DFMBC	(D)	16
RMS_DFMBFIDX	(D)	2
STARTUP_P1		null
TTY_TYPAHDSZ		1500
VIRTUALPAGECNT		16385

(D) Dynamic system parameters

You must ensure that the system parameter STARTUP_P1 is null before installing ALL-IN-1 Version 2.4.

You need not modify the MAXBUF parameter at this point. If this parameter is too low, the installation displays an appropriate message and then continues. However, you must set MAXBUF to at least the value given in Table 1–3 before ALL-IN-1 is used.

Note *If you integrate any other software with ALL-IN-1, you must increase the SYSGEN parameter PROCSECTCNT by at least five. This makes sure that shared images are accessible during installation.*

1. Press CTRL/Z to leave SYSGEN.
2. Modify the following parameters as necessary:

   PQL_DENQLM
   PQL_MENQLM
   RMS_DFMBC
   RMS_DFMBFIDX
   TTY_TYPAHDSZ

   To modify these system parameters edit the file SYS$SYSTEM:MODPARAMS.DAT and specify new parameter values. Use assignment statements of the form:

   parameter = parameter-value

   parameter is the name of the parameter you want to change and parameter-value is the setting you want to change it to.

For example, if RMS_DFMBFIDX is currently set to 1, which is not sufficient for running ALL-IN-1, you must increase it as follows:

RMS_DFMBFIDX = 2

3 Change the the following parameters, as necessary:

LOCKIDTBL
MAXBUF
PIOPAGES
PROCSECTCNT
RESHASHTBL
VIRTUALPAGECNT

To modify these system parameters edit the file SYS$SYSTEM:MODPARAMS.DAT. Include a line of the following format for each parameter to be changed:

ADD_parameter = increase-value

- parameter is the name of the parameter you want to change
- increase-value is the amount by which you want to increase the setting of this parameter.

For example, if you want to increase the value of LOCKIDTBL by 60, enter:

ADD_LOCKIDTBL=60

1.8.14 Changing System Parameter Values with AUTOGEN

If you have changed only dynamic system parameters, you need not reboot your system. In this case, do the following:

1 Run AUTOGEN as follows:

```
$ @SYS$UPDATE:AUTOGEN SAVPARAMS SETPARAMS
```

2 Write the changes to the current system:

```
$  @SYS$SYSTEM:SYSGEN
SYSGEN>  USE CURRENT
SYSGEN>  WRITE ACTIVE
```

If you changed the values of any of your non-dynamic system parameters in the previous steps, do the following:

1 Set AGEN$SHUTDOWN_TIME to a value greater than SHUTDOWN$MINIMUM_MINUTES:

```
$ DEFINE/SYSTEM/EXECUTIVE_MODE AGEN$SHUTDOWN_TIME shutdown_time
```

2 Run AUTOGEN to recompute the system parameters:

```
$ @SYS$UPDATE:AUTOGEN SAVPARAMS REBOOT
```

AUTOGEN performs an automatic shutdown and reboot when it has finished. See the VMS manual describing the Autogen Utility.

Note *The system must have been running at least 24 hours for these commands to work. If your system has been running for less than 24 hours add the parameter NOFEEDBACK at the end of each AUTOGEN command.*

1.8.15 Process Account Quotas

Ensure that process quotas are adequate.

The account you use to install ALL-IN-1 Version 2.4 must have sufficient quotas to allow you to perform the installation. Table 1–4 summarizes the process quotas required to perform the installation.

Table 1–4 Process Account Quotas for the Installing Account

Account Quota	Value
ASTLM	100
BIOLM	50
BYTLM	36000
DIOLM	50
ENQLM	200
FILLM	100
JTQUOTA	1024
PGFLQUOTA	20000
PRCLM	10
TQELM	50
WSDEFAULT	600†
WSEXTENT	2048
WSQUOTA	800

† The values for WSEXTENT and WSQUOTA must be greater than the WSDEFAULT value.

When you create user accounts for ALL-IN-1 Version 2.4 the process quotas are set to the appropriate values. See the *ALL-IN-1 Management Guide* for details.

If you are upgrading from ALL-IN-1 Version 2.3, you must set the process quotas to at least the values listed in Table 1–4 for all the users on your current ALL-IN-1 system.

To increase the process account quotas use the Authorize Utility.

Note *If you integrate any other software with ALL-IN-1, you must increase the quota values according to the requirements of the software.*

You can change the process quotas for an account even if a user is logged in to the account. However, if a user is logged in, that user must log out and log back in again for the process quotas to become active.

1.8.16 Disk Space

Installing ALL-IN-1 Version 2.4 requires a certain amount of free storage space during the installation. Once ALL-IN-1 Version 2.4 is installed, less storage space is required.

The amount of disk space available on the system disk determines the mode of installation. The installation runs in either Safety or Non-Safety mode (see Section 1.8.16.1).

The minimum disk space required on the system disk during installation depends on whether you are installing ALL-IN-1 Version 2.4 on the system disk only, or across several disks. To determine the minimum disk space required on the system disk, add together the values given in the *ALL-IN-1 Installation Guide Part 2 Language Installation* and *ALL-IN-1 Installation Guide Part 3 Market Installation*.

1.8.16.1 Installation Modes

The installation runs in one of two modes, depending on how many blocks are available on the system disk:

- Safety mode

  If you have a minimum of 65,000 free blocks on your system disk, the installation is performed in Safety mode. All the files are transferred from the media to a working area on the system disk before they are moved to their target directories. If you are performing a system disk installation, the installation is always carried out in Safety mode.

  If a failure occurs before the files start to be moved to target directories, VMSINSTAL deletes the working area so that you can restart the installation.

Note *VMSINSTAL does not delete any accounts or directory structures that are created.*

- Non-Safety mode

  In Non-Safety mode each file is transferred from the media to a working directory on the system disk. After each file is transferred it is moved to its target directory, before the next file is transferred.

  If a failure occurs during a Non-Safety mode installation, some files have already been copied to their target directories. Therefore, cleaning up the target disks involves more work than for Safety mode.

1.8.16.2 ALL-IN-1 Areas

To ease the management of ALL-IN-1 you can choose to split ALL-IN-1 across several disks; each disk containing an ALL-IN-1 area. The ALL-IN-1 areas are:

- ALL-IN-1 manager's account. This account includes the IVPUSER, MGR, POSTMASTE, TRANSFER_INCOMING and TRANSFER_OUTGOING directories
- Shared library files
- Shared data files
- Language files
- Mail area shared document attributes file SDAF file OA$SHARE:OA$DAF_E.DAT. Mail area E is created during a new installation.
- Shared directories SHAREnnnn, where nnnn is a number in the range 1 to 9999. Shared directories for Mail area E are created during a new installation.

An example of the directory structure for a multiple-disk ALL-IN-1 system is given in Appendix C.

Space is provided in Table 1–5 for you to enter the disk space requirements of each ALL-IN-1 area. See the *ALL-IN-1 Installation Guide Part 3 Market Installation* for the disk space required by all areas except for the language files. See the *ALL-IN-1 Installation Guide Part 2 Language Installation* for the disk space required by the language files.

Note *The* ALL-IN-1 Installation Guide Part 2 Language Installation *and* ALL-IN-1 Installation Guide Part 3 Market Installation *also give the disk space requirements if WPS-PLUS is incorporated and if WPS-PLUS is not incorporated.*

If you want more than one area on the same disk, the disk space required is the total for those areas.

Table 1–5 Disk Space Requirements for the ALL-IN-1 Areas

ALL-IN-1 Area	Disk Space Requirements (blocks)			
	New	Upgrade		Update
	ALL-IN-1 V2.4	ALL-IN-1 STARTER V1.0	ALL-IN-1 V2.3	ALL-IN-1 STARTER V2.4
System files*				
Manager's account†				
Shared library files				
Shared data files				
Mail area SDAF file	1,000			
Shared directories	n x 1000			
Language files‡:				
(1)				
(2)				
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				
(10)				

* These are the files that are installed in the SYS$MANAGER, SYS$LIBRARY, SYS$MESSAGE and SYS$HELP directories (see Appendix C)

† This figure includes the [.IVPUSER], [.MGR], [.POSTMASTE], [.TRANSFER_INCOMING] and [.TRANSFER_OUTGOING] directories.

n is the number of shared directories specified during the installation.

‡ See the *ALL-IN-1 Installation Guide Part 2 Language Installation* for the language(s) that you are installing

If you decide to keep a record of the installation in a log file, add at least 200 blocks to the disk space determined in steps 1 to 3.

If you are installing an additional language you need the minimum amount of free blocks given in the *ALL-IN-1 Installation Guide Part 2 Language Installation* for that language.

If you want more than one ALL-IN-1 area on the same disk, the minimum disk space required is the total for those areas.

Note *If you only have the minimum amount of recommended free space, and your system crashes during installation, or if the installation fails, the software will be only partially installed. For this reason, Digital recommends that you back up your system disk, and all target disks for a multiple disk installation, before installing ALL-IN-1 Version 2.4.*

If all areas of ALL-IN-1 are going to be installed on the system disk, ensure that there are enough free blocks on the system disk by issuing the SHOW DEVICE command, for example:

```
$ SHOW DEVICE SYS$SYSDEVICE
```

If the areas of ALL-IN-1 are to be installed on a disk or disks other than the system disk, ensure that these disks have enough free blocks by issuing the SHOW DEVICE command. For example:

```
$ SHOW DEVICE disk
```

where disk is the name of the disk that will hold the ALL-IN-1 areas.

1.8.17 Deinstall Patches

If you have an ALL-IN-1 Version 2.3 system that has patches installed, you must deinstall the patches before you upgrade to ALL-IN-1 Version 2.4. Contact your Digital support center for further details.

1.8.18 Check Your Site-Specific Startup Procedures

If you are upgrading from ALL-IN-1 Version 2.3, and you have created site-specific startup procedures (that is, A1V23_SITE_START.COM and OA$SITE_language_START.COM), do the following:

1. Check your site-specific startup command procedure(s) for any commands that change the configuration of ALL-IN-1. You may wish to change the configuration during the installation of ALL-IN-1 Version 2.4, for example, if you re-link ALL-IN-1 to incorporate VAX DATATRIEVE, and so on.
2. If you want to keep your site-specific startup command procedure A1V23_SITE_START.COM, you must rename it to A1V24_SITE_START.COM after the installation (see Section 14.6.3).

1.8.19 Considerations for ALL-IN-1 Version 2.4 Group Conferencing

ALL-IN-1 Version 2.4 Group Conferencing is supplied with ALL-IN-1 Version 2.4. ALL-IN-1 Version 2.4 Group Conferencing is installed separately, after ALL-IN-1 Version 2.4 is installed. However, you must not make any customizations to the images OAGBL.EXE and OASYMMSG.EXE before ALL-IN-1 Version 2.4 Group Conferencing is installed. This is because the installation of ALL-IN-1 Version 2.4 Group Conferencing replaces these images and any customizations will be lost.

If you are upgrading from ALL-IN-1 Version 2.3, and you have already customized these images, copy the images to the OA$SITE_BUILD_SHARE directory, upgrade to ALL-IN-1 Version 2.4 as described in Chapter 5 and then install ALL-IN-1 Version 2.4 Group Conferencing. After ALL-IN-1 Version 2.4 Group Conferencing is installed, you can apply your customizations to the new OAGBL.EXE and OASYMMSG.EXE images.

1.8.20 Checklist of Information Required for Installation

Before you install ALL-IN-1 Version 2.4 you should know what answers you are going to give to the questions asked during the installation. Refer to the table of steps in the chapter appropriate to the installation you are going to perform. This table indicates which steps are required for that installation. Full descriptions of the steps are described in Chapter 13. Place a tick in the box for each of the steps required by your installation and enter your answer to the prompt(s) in that step in the space provided.

- If you are installing ALL-IN-1 Version 2.4, and you do not have any other version of ALL-IN-1, see Chapter 3
- If you are installing an additional language, see Chapter 4
- If you are upgrading your ALL-IN-1 Version 2.3 system to ALL-IN-1 Version 2.4, see Chapter 5
- If you are upgrading an ALL-IN-1 Version 2.3 additional language to an ALL-IN-1 Version 2.4 additional language, see Chapter 6
- If you are upgrading your ALL-IN-1 STARTER Version 1.0 system to ALL-IN-1 Version 2.4, see Chapter 7
- If you are upgrading an ALL-IN-1 STARTER Version 1.0 additional language to an ALL-IN-1 Version 2.4 additional language, see Chapter 8
- If you are updating your ALL-IN-1 STARTER Version 2.4 system to ALL-IN-1 Version 2.4, see Chapter 9
- If you are updating an ALL-IN-1 STARTER Version 2.4 additional language to an ALL-IN-1 Version 2.4 additional language, see Chapter 10

- If you are updating your existing ALL-IN-1 Version 2.4 system, see Chapter 11
- If you are updating an ALL-IN-1 Version 2.4 additional language, see Chapter 12

1.8.21 License Management Utility Requirements

You must register and load your license for ALL-IN-1 Version 2.4 before you start the installation in order to install ALL-IN-1 Version 2.4.

For more information on the VMS License Management Facility, see the VMS License Management Facility documentation.

2 Accessing the Online Release Notes

ALL-IN-1 Version 2.4 provides online Release Notes. The Release Notes contain information that was unavailable before the books went to print. It is important to read the Release Notes, because they may contain information relating to the installation.

Note *The* ALL-IN-1 Release Notes Part 1 Language *also contains the release notes for ALL-IN-1 Version 2.4 Group Conferencing.*

There are two parts to the Release Notes:

- *Release Notes Part 1 Language*

  This part contains the release notes specific to the ALL-IN-1 Version 2.4 international base component and to the language being installed, and is on the tape labeled:

  ALL-IN-1 V2.4 language BIN media_type
  Release Notes Part 1
  (c) 1989 Digital Equipment Corp.

  language is the name of the ALL-IN-1 Version 2.4 language component to be installed, and media_type is 16MT9 for tape and TK50 for a TK50 cartridge.

- *Release Notes Part 2 Market*

  This part contains the release notes specific to your ALL-IN-1 Version 2.4 market component, and is on the tape labeled:

  ALL-IN-1 V2.4 market BIN media_type
  Release Notes Part 2
  (c) 1989 Digital Equipment Corp.

market is the name of the ALL-IN-1 Version 2.4 Market component to be installed.

Note *This document may not exist for all market components.*

2.1 Accessing the Release Notes

To access the Release Notes:

1. Log in to the privileged VMS system manager's account.
2. Establish the following default directory:

   ```
   $ SET DEFAULT SYS$UPDATE
   ```

3. Enter the following command:

   ```
   $ @VMSINSTAL product device: OPTIONS N
   ```

   product is the product code:

   A1LRlang024 for the Release Notes Part 1 Language
   or
   A1CRmarket024 for the Release Notes Part 2 Market

   device is the device on which the tape containing the appropriate version of the Release Notes is mounted.

   The following message is displayed:

   ```
   VAX/VMS Software Product Installation Procedure V<version>.
   It is <dd-mmm-yyyy> at <hh:mm>.
   ```

   <dd-mmm-yyy> and <hh:mm> are the current date and time, and <version> is the version of VMS that your system is running.

   ```
   Enter a question mark (?) at any time for help.
   ```

4. If your system is running VMS Version 5.1, and your DECnet network is running, the following message is displayed:

   ```
   %VMSINSTAL-W-DECNET, your DECnet network is up and running.
   * Do you want to continue anyway [NO]?
   ```

   Enter `YES` and press RETURN.

5. If other users are accessing the system, the following message appears:

   ```
   %VMSINSTAL-W-ACTIVE,The following processes are still active
   <process_name>
       .
       .
       .
   * Do you want to continue anyway [NO]?
   ```

   <process_name> refers to the process name of a user logged in to the system.

As you are only printing the Release Notes, it is safe to continue. Enter `YES` and press RETURN.

6 VMSINSTAL displays:

```
* Are you satisfied with the backup of your system disk [YES]?
```

As you are only printing the Release Notes, it is safe to continue, so press RETURN.

7 VMSINSTAL then prompts you to mount the distribution media:

```
      Please mount the first volume of the set on <device>:
```

where <device> is the device you specified.

The Release Notes are in two parts, one part on each of the distribution media labeled as follows:

ALL-IN-1 V2.4 language BIN media_type
Release Notes Part 1
(c) 1989 Digital Equipment Corp.

and

ALL-IN-1 V2.4 market BIN media_type
Release Notes Part 2
(c) 1989 Digital Equipment Corp.

where language is the name of the ALL-IN-1 Version 2.4 language component to be installed, market is the name of the ALL-IN-1 Version 2.4 Market component to be installed, and media_type is 16MT9 for tape and TK50 for a TK50 cartridge.

If you are performing an additional language installation, you need only print the *ALL-IN-1 Release Notes Part 1 Language* that is supplied with your kit.

VMSINSTAL displays:

```
* Are you ready?
```

At this prompt, mount the first volume of the distribution medium. (If you are unfamiliar with the loading of media, refer to the VMS software intsallation documentation.)

When you have mounted the volume, enter `YES` and press RETURN. VMSINSTAL tries to mount the distribution volume. If it succeeds, a message is displayed, for example:

```
      %MOUNT-I-MOUNTED, A1<n>024 mounted on <device>:
```

where <n> is 3 for the *ALL-IN-1 Release Notes Part 1 Language* and 2 for the *ALL-IN-1 Release Notes Part 2 Market*, and <device> is the device where the media is mounted.

The following message is then displayed:

```
The following products will be processed:
<name> V2.4
Beginning installation of <name> V2.4 at <hh:mm>
```

where <hh:mm> is the current time and <name> is:

- A1LRlanguage for the *ALL-IN-1 Release Notes Part 1 Language*
- A1CRmarket for the *ALL-IN-1 Release Notes Part 2 Market*

8 VMSINSTAL displays:

```
%VMSINSTAL-I-RESTORE, Restoring product saveset A...

Release Notes Options:

1  Display Release Notes
2  Print Release Notes
3  Both 1 and 2
4  Copy release notes to SYS$HELP
5  Do not display, print, or copy the release notes

* Select option [3]:
```

Enter the number of the option that you require.

If you enter `2`, or `3`, to print the Release Notes, the following message is displayed:

```
* Queue name [SYS$PRINT]:
```

Press RETURN if you want to print the Release Notes on SYS$PRINT. If you do not want to print on SYS$PRINT, enter the name of the printer queue you want to use.

The following message is then displayed:

```
* Do you want to continue the installation [N]?
```

Press RETURN to accept the default answer of NO.

The following messages are displayed:

```
%VMSINSTAL-I-RELMOVED, The product Release Notes have been
    successfully moved to SYS$HELP.
Installation of <name> V2.4 completed at <hh:mm>
VMSINSTAL procedure done at <hh:mm>
```

where <hh:mm> is the current time and <name> is:

A1LRlanguage for the *ALL-IN-1 Release Notes Part 1 Language*
A1CRmarket for the *ALL-IN-1 Release Notes Part 2 Market*

If you have accessed only one part of the Release Notes, repeat steps 3 to 8 for the other part.

If you chose to print the Release Notes, or copy them to SYS$HELP, the following files are placed in SYS$HELP:

- A1LRlang024.RELEASE_NOTES, for the Release Notes Part 1 Language
- A1CRmarket024.RELEASE_NOTES, for the Release Notes Part 2 Market

Note *It is important to read the Release Notes before installing ALL-IN-1.*

3 Installing a New ALL-IN-1 V2.4 System

This chapter explains how to install ALL-IN-1 Version 2.4 if you are installing ALL-IN-1 as a new system.

3.1 Before You Start

Before you start the installation procedure:

1. Make sure that you have made all the necessary preparations (see Section 1.8).
2. Complete the checklist of information required for installation (see Section 1.8.20). Refer to this checklist during the installation.

You must have the base, language, and market components to install ALL-IN-1 Version 2.4.

3.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed.
- The name of the device where the distribution media are to be mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution media and that command procedure controls the rest of the installation.

3.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

3.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

3.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

Note *VMSINSTAL does not delete any accounts or directory structures that are created.*

3.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

- `%UAF-E-RDBADDERRU, unable to add A1$XFER_IN value: [000001,000100] to RIGHTSLIST.DAT`
  `-SYSTEM-F-DUPIDENT, duplicate identifier`

- `%UAF-E-RDBADDERRU, unable to add A1$XFER_OUT value [000001,000100] to RIGHTSLIST.DAT -SYSTEM-F-DUPIDENT, duplicate identifier`

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- `%OA-I-LNF, Error opening form library "THIS_IS_A_TEST" -RMS-E-FNF, file not found`
- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`
- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

ALL-IN-1 Version 2.4 can be installed only on systems running VMS Version 5.1, or higher. If your system does not have the correct version of VMS an error message is displayed as follows:

```
$A1-F-V50VMS-1, Incorrect VMS version. Please upgrade to VMS
      Version 5.1
$A1-F-V50VMS-2, before installing ALL-IN-1 version 2.4.
```

Upgrade your system to VMS Version 5.1, or higher, before installing ALL-IN-1 Version 2.4.

3.7 The Installation Procedure

Table 3–1 lists the steps required for a new installation of ALL-IN-1 Version 2.4.

Table 3–1 Steps Required to Install a New ALL-IN-1 Version 2.4 System

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
7	Load the Distribution Media - Sequence 2
8	Specify the market code required by this installation
9	Specify the language code required by this installation
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
12	Indicate whether or not you want to incorporate DATATRIEVE
13	Indicate whether or not you want to incorporate WPS-PLUS
14	Indicate whether or not you want to incorporate ACMS
15	Check to see if the CDA Converter Library is installed
16	Indicate whether or not you want to build a multi-language system
17	Select the date format to use with ALL-IN-1
18	Specify the greatest number of simultaneous ALL-IN-1 users
19	Specify the batch queue to run the Sender and Fetcher
20	Indicate whether or not you want to send and receive messages to and from other systems
21	Indicate whether the Message Router you want ALL-IN-1 to use is on this node or another node
22	Specify the node whose Message Router you want to use
23	Specify the level of use of the Mail directory
24	Specify the password for the ALL-IN-1 Message Router mailbox
25	Indicate whether or not you want to translate outgoing WPS-PLUS and DX messages to ASCII
26	Check the mandatory and optional software prerequisites
27	Specify the device to hold the ALL-IN-1 shared library files
28	Specify the device to hold the ALL-IN-1 shared data files
29	Specify the device to hold the ALL-IN-1 language files
30	Specify the device to use for the ALL-IN-1 mail area SDAF file
31	Indicate how many shared directories you would like
32	Specify a device for each shared directory
33	Identify or create the VMS account for ALL-IN-1

(continued on next page)

Table 3–1 (Cont.) Steps Required to Install a New ALL-IN-1 Version 2.4 System

STEP	Title
35	Specify the password for the ALL-IN-1 manager's VMS account
36	Specify the password for the ALL-IN-1 transfer user accounts
37	Specify the UIC for the ALL-IN-1 manager's VMS account
38	Specify the device and directory for the ALL-IN-1 manager's VMS account
39	Specify the UICs for the ALL-IN-1 transfer user accounts
40	Specify the directory to hold the shared library files, in OA$LIB
41	Specify the directory to hold the shared data files, in OA$DATA
42	Specify the directory to hold the language files
43	Specify the directory to hold the mail area SDAF file OA$DATA:OA$DAF_E.DAT
44	Specify the directory to hold the shared directories, OA$SHAREnnn
45	Indicate whether or not you want to run the IVPs
46	Load the Distribution Media - Sequence 3
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

3.8 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1 V2.4 Installation Verification Procedure failed.
```

```
%VMSINSTAL-E-IVPFAIL, The IVP for A1 V2.4 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use

- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

3.8.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command file SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL is compiled and installed successfully and recompile it if you received any error messages when the startup command file was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

Log in to the ALL-IN-1 manager’s IVP account:

```
$ ALLIN1 /USERNAME=IVP
```

Manually execute each IVP test as described in the *ALL-IN-1 Management Guide*.

4

Installing Additional Languages for ALL-IN-1 V2.4

This chapter explains how to install a new additional language.

4.1 Before You Start

Before you start the installation procedure:

1. Print and read the *ALL-IN-1 Release Notes Part 1 Language* (see Section 2.1)
2. Make sure that you have made all the necessary preparations (see Section 1.8).
3. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. If you have rebooted your system prior to starting the installation, make sure that you have run the ALL-IN-1 startup command file (SYS$MANAGER:A1V24START.COM) before you start the installation.

You need only the required language component to install an additional ALL-IN-1 Version 2.4 language.

4.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed.
- The name of the device where the distribution medium is mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution medium and that command procedure controls the rest of the installation.

4.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

4.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

4.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

Note *VMSINSTAL does not delete any accounts or directory structures that are created.*

4.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- `%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"`
  `-RMS-E-FNF, file not found`
- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`
- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

4.7 The Installation Procedure

Table 4–1 lists the steps required for an additional language installation.

Table 4–1 Steps Required for an ALL-IN-1 V2.4 Language Installation

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
17	Select the date format to use with ALL-IN-1
29	Specify the device to hold the ALL-IN-1 language files

(continued on next page)

Table 4–1 (Cont.) Steps Required for an ALL-IN-1 V2.4 Language Installation

STEP	Title
34	Indicate the existing VMS username for the ALL-IN-1 account
42	Specify the directory to hold the language files
45	Indicate whether or not you want to run the IVPs
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

4.8 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1L<lang> V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1L<lang> V2.4 Installation Verification Procedure failed.

%VMSINSTAL-E-IVPFAIL, The IVP for A1L<lang> V2.4 has failed.
```

where <lang> is the name of the language being installed.

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

4.8.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP /LANGUAGE=lang
  ```

where lang is the name of the language being installed.

Manually execute each IVP as described in the *ALL-IN-1 Management Guide*.

Note *The IVP runs in the language context of the current optional language being installed and also tests the international base system.*

Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.

5

Upgrading ALL-IN-1 V2.3 to ALL-IN-1 V2.4

This chapter explains how to upgrade your ALL-IN-1 Version 2.3 system to ALL-IN-1 Version 2.4.

5.1 Before You Start

Before you start the installation procedure:

1. Make sure that you have made all the necessary preparations (see Section 1.8).
2. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
3. If you run any ALL-IN-1 layered products, you may need to prepare the layered product(s) before you install ALL-IN-1 Version 2.4 (see your layered product documentation).
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. If you have rebooted your system prior to starting the installation, make sure that you have run the ALL-IN-1 startup command procedure (SYS$MANAGER:A1V23START.COM) before you start the installation.

You must have the base, language, and market components to upgrade your ALL-IN-1 Version 2.3 system to ALL-IN-1 Version 2.4.

Note *Upgrading to ALL-IN-1 Version 2.4 also upgrades your default language. If you have a multi-language ALL-IN-1 system, you will be unable to use your additional languages until you have upgraded them; you can still use your default language. In this case, you must run only the IVP for the default language.*

5.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed
- The name of the device where the distribution media are to be mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution media and that command procedure controls the rest of the installation.

5.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

5.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

5.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

5.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

- `%UAF-E-RDBADDERRU, unable to add A1$XFER_IN value: [000001,000100] to RIGHTSLIST.DAT -SYSTEM-F-DUPIDENT, duplicate identifier`

- `%UAF-E-RDBADDERRU, unable to add A1$XFER_OUT value: [000001,000100] to RIGHTSLIST.DAT -SYSTEM-F-DUPIDENT, duplicate identifier`

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- `%OA-I-LNF, Error opening form library "THIS_IS_A_TEST" -RMS-E-FNF, file not found`

- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`

- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

ALL-IN-1 Version 2.4 can be installed only on systems running VMS Version 5.1, or higher. If your system does not have the correct version of VMS an error message is displayed as follows:

```
$A1-F-V50VMS-1, Incorrect VMS version. Please upgrade to VMS
    Version 5.1
$A1-F-V50VMS-2, before installing ALL-IN-1 version 2.4.
```

Upgrade your system to VMS Version 5.1, or higher, before installing ALL-IN-1 version 2.4.

5.7 The Installation Procedure

Table 5–1 lists the steps required to upgrade your ALL-IN-1 Version 2.3 system to ALL-IN-1 Version 2.4.

Table 5–1 Steps Required to Upgrade ALL-IN-1 V2.3 to ALL-IN-1 V2.4

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
7	Load the Distribution Media - Sequence 2
8	Specify the market code required by this installation
9	Specify the language code required by this installation
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
11	Indicate whether or not you want to purge files replaced by the installation
12	Indicate whether or not you want to incorporate DATATRIEVE
13	Indicate whether or not you want to incorporate WPS-PLUS
14	Indicate whether or not you want to incorporate ACMS
15	Check to see if the CDA Converter Library is installed
16	Indicate whether or not you want to build a multi-language system
17	Select the date format to use with ALL-IN-1
18	Specify the greatest number of simultaneous ALL-IN-1 users
19	Specify the batch queue to run the Sender and Fetcher
20	Indicate whether or not you want to send and receive messages to and from other systems
21	Indicate whether the Message Router you want ALL-IN-1 to use is on this node or another node
22	Specify the node whose Message Router you want to use
23	Specify the level of use of the Mail directory
24	Specify the password for the ALL-IN-1 Message Router mailbox
25	Indicate whether or not you want to translate outgoing WPS-PLUS and DX messages to ASCII
26	Check the mandatory and optional software prerequisites
34	Indicate the existing VMS username for the ALL-IN-1 account
36	Specify the password for the ALL-IN-1 transfer user accounts
39	Specify the UICs for the ALL-IN-1 transfer user accounts
45	Indicate whether or not you want to run the IVPs
46	Load the Distribution Media - Sequence 3
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

You must now upgrade any additional languages that were installed with your (ALL-IN-1) Version 2.3 system. A separate installation is required for each of the additional languages on your system (see Chapter 6).

5.8 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1 V2.4 Installation Verification Procedure failed.
%VMSINSTAL-E-IVPFAIL, The IVP for A1 V2.4 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

5.8.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP
  ```

  Manually execute each IVP as described in the *ALL-IN-1 Management Guide*.

Note *Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.*

6 Upgrading ALL-IN-1 V2.3 Languages to ALL-IN-1 V2.4 Languages

This chapter explains how to upgrade an ALL-IN-1 Version 2.3 additional language to an ALL-IN-1 Version 2.4 additional language

6.1 Before You Start

Before you start the installation procedure:

1. Print and read the *ALL-IN-1 Release Notes Part 1 Language* (see Section 2.1)
2. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
3. Make sure that you have made all the necessary preparations (see Section 1.8).
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. If you have rebooted your system prior to starting the installation, make sure that you have run the ALL-IN-1 startup command procedure (SYS$MANAGER:A1V24START.COM) before you start the installation.

You need only the required language component to upgrade an ALL-IN-1 Version 2.3 additional language to an ALL-IN-1 Version 2.4 additional language.

Note *You must upgrade your main ALL-IN-1 Version 2.3 system to ALL-IN-1 Version 2.4 before upgrading the languages. See Chapter 5.*

6.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed.
- The name of the device where the distribution medium is mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution medium and that command procedure controls the rest of the installation.

6.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

6.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

6.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

Note *VMSINSTAL does not delete any accounts or directory structures that are created.*

6.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- %INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>

  where <filename> is the full file specification for the image that is to be created.

- %SYSTEM-E-NOSUCHSEC, no such (global) section

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- %OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
  -RMS-E-FNF, file not found
- %OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found
- %OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library

These messages are due to various tests being performed by the IVP.

6.7 The Installation Procedure

Table 6–1 lists the steps required for updating an ALL-IN-1 Version 2.3 additional language to an ALL-IN-1 Version 2.4 additional language.

Table 6–1 Steps Required for Upgrading an ALL-IN-1 V2.3 Language

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
11	Indicate whether or not you want to purge files replaced by the installation

(continued on next page)

Table 6–1 (Cont.) Steps Required for Upgrading an ALL-IN-1 V2.3 Language

STEP	Title
17	Select the date format to use with ALL-IN-1
26	Check the mandatory and optional software prerequisites
34	Indicate the existing VMS username for the ALL-IN-1 account
45	Indicate whether or not you want to run the IVPs
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

6.8 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1L<lang> V2.4 has failed.
```

where <lang> is the name of the language being installed.

If the IVP fails, the following messages are displayed:

```
The A1L<lang> V2.4 Installation Verification Procedure failed.
%VMSINSTAL-E-IVPFAIL, The IVP for A1L<lang> V2.4 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

6.8.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP /LANGUAGE=lang
  ```

where lang is the name of the language being installed.

Manually execute each IVP as described in the *ALL-IN-1 Management Guide*.

Note *The IVP runs in the language context of the current optional language being installed and also tests the international base system.*

Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.

7

Upgrading from ALL-IN-1 STARTER V1.0 to ALL-IN-1 V2.4

This chapter explains how to upgrade from ALL-IN-1 STARTER Version 1.0 to ALL-IN-1 Version 2.4.

7.1 Before You Start

Before you start the installation procedure:

1. Make sure that you have made all the necessary preparations (see Section 1.8).
2. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
3. If you have carried out any permitted modifications (for example, to template files) to your ALL-IN-1 STARTER Version 1.0 system, save the modifications in an area that is not used by ALL-IN-1.
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. Run the following command procedure to set up the correct environment for the upgrade installation:

   SYS$MANAGER:AS010_PRE_V23UPGRADE.COM
6. Modify the ALL-IN-1 manager's account details to include access to OA$LIB:CM as follows:
   a. Create a script, for example STARTER_MODIFY.SCP, containing the following:

      ```
      WRITE CHANGE PROFIL USER='MANAGER', -
      FRMLIB='OA$LIB:MANAGER,OA$LIB:ADMIN,OA$LIB:CM'
      ```

b Enter the ALL-IN-1 STARTER manager's account, and enter the following command:

```
<DO directory:STARTER_MODIFY
```

where directory is the directory containing STARTER_MODIFY.SCP.

c Exit ALL-IN-1.

You must have the base, language, and market components to upgrade your ALL-IN-1 STARTER Version 1.0 system to ALL-IN-1 Version 2.4.

Note *Upgrading to ALL-IN-1 Version 2.4 also upgrades your default language. If you have a multi-language ALL-IN-1 system, you will be unable to use your additional languages until you have upgraded them; you can still use your default language. In this case, you must run only the IVP for the default language.*

7.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed
- The name of the device where the distribution media are to be mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution media and that command procedure controls the rest of the installation.

7.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

7.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

7.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

7.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

- ```
  %UAF-E-RDBADDERRU, unable to add A1$XFER_IN value:
  [000001,000100] to RIGHTSLIST.DAT
  -SYSTEM-F-DUPIDENT, duplicate identifier
  ```

- ```
  %UAF-E-RDBADDERRU, unable to add A1$XFER_OUT value:
  [000001,000100] to RIGHTSLIST.DAT
  -SYSTEM-F-DUPIDENT, duplicate identifier
  ```

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- ```
  %OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
  -RMS-E-FNF, file not found
  ```

- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`

- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.
  ```

7.7 The Installation Procedure

Table 7–1 lists the step required to upgrade your ALL-IN-1 STARTER Version 1.0 system to ALL-IN-1 Version 2.4.

Table 7–1 Steps Required to Upgrade your ALL-IN-1 STARTER V1.0 System to ALL-IN-1 V2.4

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
7	Load the Distribution Media - Sequence 2
8	Specify the market code required by this installation
9	Specify the language code required by this installation
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
11	Indicate whether or not you want to purge files replaced by the installation
12	Indicate whether or not you want to incorporate DATATRIEVE
13	Indicate whether or not you want to incorporate WPS-PLUS
14	Indicate whether or not you want to incorporate ACMS
15	Check to see if the CDA Converter Library is installed
16	Indicate whether or not you want to build a multi-language system
17	Select the date format to use with ALL-IN-1
18	Specify the greatest number of simultaneous ALL-IN-1 users
19	Specify the batch queue to run the Sender and Fetcher
20	Indicate whether or not you want to send and receive messages to and from other systems
21	Indicate whether the Message Router you want ALL-IN-1 to use is on this node or another node
22	Specify the node whose Message Router you want to use
23	Specify the level of use of the Mail directory
24	Specify the password for the ALL-IN-1 Message Router mailbox
25	Indicate whether or not you want to translate outgoing WPS-PLUS and DX messages to ASCII
26	Check the mandatory and optional software prerequisites

(continued on next page)

Table 7–1 (Cont.) Steps Required to Upgrade your ALL-IN-1 STARTER V1.0 System to ALL-IN-1 V2.4

STEP	Title
34	Indicate the existing VMS username for the ALL-IN-1 account
36	Specify the password for the ALL-IN-1 Transfer User accounts
39	Specify the UICs for the ALL-IN-1 transfer user accounts
45	Indicate whether or not you want to run the IVPs
46	Load the Distribution Media - Sequence 3
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

You must now upgrade any additional languages that were installed with your (ALL-IN-1) STARTER Version 1.0 system. A separate installation is required for each of the additional languages on your system (see Chapter 8).

7.8 Stop and Start the OA$FORMATTER Queue

You must stop and restart the OA$FORMATTER queue by entering the following commands:

```
$  STOP /QUEUE /NEXT OA$FORMATTER
$  START /QUEUE OA$FORMATTER
```

7.9 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1 V2.4 Installation Verification Procedure failed.
```

```
%VMSINSTAL-E-IVPFAIL, The IVP for A1 V2.4 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient

- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

7.9.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.

- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP
  ```

  Manually execute each IVP test as described in the *ALL-IN-1 Management Guide*.

Note *Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.*

8

Upgrading ALL-IN-1 STARTER V1.0 Languages to ALL-IN-1 V2.4 Languages

This chapter explains how to upgrade an ALL-IN-1 STARTER Version 1.0 additional language to an ALL-IN-1 Version 2.4 additional language

8.1 Before You Start

Before you start the installation procedure:

1. Print and read the *ALL-IN-1 Release Notes Part 1 Language* (see Section 2.1)
2. Make sure that you have made all the necessary preparations (see Section 1.8).
3. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. If you have rebooted your system prior to starting the installation, make sure that you have run the ALL-IN-1 startup command procedure (SYS$MANAGER:A1V24START.COM) before you start the installation.

You need only the required language component to upgrade an ALL-IN-1 STARTER Version 1.0 additional language to an ALL-IN-1 Version 2.4 additional language.

Note *You must upgrade your main ALL-IN-1 STARTER Version 1.0 system to ALL-IN-1 Version 2.4 before upgrading the languages. See Chapter 7.*

8.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed.
- The name of the device where the distribution medium is mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution medium and that command procedure controls the rest of the installation.

8.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

8.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

8.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

Note *VMSINSTAL does not delete any accounts or directory structures that are created.*

8.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- `%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"`
  `-RMS-E-FNF, file not found`
- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`
- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

8.7 The Installation Procedure

Table 8–1 lists the steps required for upgrading an ALL-IN-1 STARTER Version 1.0 additional language to an ALL-IN-1 Version 2.4 additional language.

Table 8–1 Steps Required for Upgrading an ALL-IN-1 STARTER V1.0 Language

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform

(continued on next page)

Table 8–1 (Cont.) Steps Required for Upgrading an ALL-IN-1 STARTER V1.0 Language

STEP	Title
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
11	Indicate whether or not you want to purge files replaced by the installation
17	Select the date format to use with ALL-IN-1
26	Check the mandatory and optional software prerequisites
34	Indicate the existing VMS username for the ALL-IN-1 account
45	Indicate whether or not you want to run the IVPs
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

8.8 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1L<lang> V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1L<lang> V2.4 Installation Verification Procedure failed.

%VMSINSTAL-E-IVPFAIL, The IVP for A1L<lang> V2.4 has failed.
```


```
The A1L<lang> V2.4 Installation Verification Procedure failed.

%VMSINSTAL-E-IVPFAIL, The IVP for A1L<lang> V2.4 has failed.
```


where <lang> is the name of the language being installed.

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed

- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

8.8.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

Log in to the ALL-IN-1 manager's IVP account:

```
$ ALLIN1 /USERNAME=IVP /LANGUAGE=lang
```

where lang is the name of the language being installed.

Manually execute each IVP test as described in the *ALL-IN-1 Management Guide*.

Note *The IVP runs in the language context of the current optional language being installed and also tests the international base system.*

Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.

9 Updating ALL-IN-1 STARTER V2.4 to ALL-IN-1 V2.4

This chapter explains how to upgrade from ALL-IN-1 STARTER Version 2.4 to ALL-IN-1 Version 2.4.

9.1 Before You Start

Before you start the installation procedure:

1. Make sure that you have made all the necessary preparations (see Section 1.8).
2. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
3. If you have carried out any permitted modifications (for example, to template files) to your ALL-IN-1 STARTER Version 2.4 system, save the modifications in an area that is not used by ALL-IN-1.
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. Run the following command procedure to set up the correct environment for the upgrade installation:

   SYS$MANAGER:AS024_PREV24_UPGRADE.COM

You must have the base, language, and market components to update your ALL-IN-1 STARTER Version 2.4 system to ALL-IN-1 Version 2.4.

Note *Updating to ALL-IN-1 Version 2.4 also updates your default language. If you have a multi-language ALL-IN-1 system, you will be unable to use your additional languages until you have updated them; you can still use your* *default language. In this case, you must run only the IVP for the default language.*

9.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed
- The name of the device where the distribution media are to be mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution media and that command procedure controls the rest of the installation.

9.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

9.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

9.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

9.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

- ```
  %UAF-E-RDBADDERRU, unable to add A1$XFER_IN value:
  [000001,000100] to RIGHTSLIST.DAT
  -SYSTEM-F-DUPIDENT, duplicate identifier
  ```

- ```
  %UAF-E-RDBADDERRU, unable to add A1$XFER_OUT value:
  [000001,000100] to RIGHTSLIST.DAT
  -SYSTEM-F-DUPIDENT, duplicate identifier
  ```

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- ```
  %OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
  -RMS-E-FNF, file not found
  ```

- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`

- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

9.7 The Installation Procedure

Table 9–1 lists the step required to update your ALL-IN-1 STARTER Version 2.4 system to ALL-IN-1 Version 2.4.
  ```

Table 9–1 Steps Required to Update your ALL-IN-1 STARTER V2.4 System to ALL-IN-1 V2.4

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
7	Load the Distribution Media - Sequence 2
8	Specify the market code required by this installation
9	Specify the language code required by this installation
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
11	Indicate whether or not you want to purge files replaced by the installation
12	Indicate whether or not you want to incorporate DATATRIEVE
13	Indicate whether or not you want to incorporate WPS-PLUS
14	Indicate whether or not you want to incorporate ACMS
16	Indicate whether or not you want to build a multi-language system
17	Select the date format to use with ALL-IN-1
18	Specify the greatest number of simultaneous ALL-IN-1 users
19	Specify the batch queue to run the Sender and Fetcher
20	Indicate whether or not you want to send and receive messages to and from other systems
21	Indicate whether the Message Router you want ALL-IN-1 to use is on this node or another node
22	Specify the node whose Message Router you want to use
23	Specify the level of use of the Mail directory
24	Specify the password for the ALL-IN-1 Message Router mailbox
25	Indicate whether or not you want to translate outgoing WPS-PLUS and DX messages to ASCII
26	Check the mandatory and optional software prerequisites
34	Indicate the existing VMS username for the ALL-IN-1 account
45	Indicate whether or not you want to run the IVPs
46	Load the Distribution Media - Sequence 3
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

You must now update any additional languages that were installed with your (ALL-IN-1) STARTER Version 2.4 system. A separate installation is required for each of the additional languages on your system (see Chapter 10).

9.8 Stop and Start the OA$FORMATTER Queue

You must stop and restart the OA$FORMATTER queue by entering the following commands:

```
$  STOP /QUEUE /NEXT OA$FORMATTER
$  START /QUEUE OA$FORMATTER
```

9.9 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1 V2.4 Installation Verification Procedure failed.
```

```
%VMSINSTAL-E-IVPFAIL, The IVP for A1 V2.4 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

9.9.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP
  ```

  Manually execute each IVP test as described in the *ALL-IN-1 Management Guide*.

Note *Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.*

10

Updating ALL-IN-1 STARTER V2.4 Languages to ALL-IN-1 V2.4 Languages

This chapter explains how to update an ALL-IN-1 STARTER Version 2.4 additional language to an ALL-IN-1 Version 2.4 additional language.

10.1 Before You Start

Before you start the installation procedure:

1. Print and read the *ALL-IN-1 Release Notes Part 1 Language* (see Section 2.1)
2. Make sure that you have made all the necessary preparations (see Section 1.8).
3. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. If you have rebooted your system prior to starting the installation, make sure that you have run the ALL-IN-1 startup command procedure (SYS$MANAGER:A1V24START.COM) before you start the installation.

You need only the required language component to update an ALL-IN-1 STARTER Version 2.4 additional language to an ALL-IN-1 Version 2.4 additional language.

Note *You must update your main ALL-IN-1 STARTER Version 2.4 system to ALL-IN-1 Version 2.4 before updating the languages. See Chapter 9.*

10.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed.
- The name of the device where the distribution medium is mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution medium and that command procedure controls the rest of the installation.

10.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

10.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

10.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

Note *VMSINSTAL does not delete any accounts or directory structures that are created.*

10.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- `%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"`
  `-RMS-E-FNF, file not found`
- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`
- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

10.7 The Installation Procedure

Table 10–1 lists the steps required for updating an ALL-IN-1 STARTER Version 2.4 additional language to an ALL-IN-1 Version 2.4 additional language.

Table 10–1 Steps Required for Updating an ALL-IN-1 STARTER V2.4 Language

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform

(continued on next page)

Table 10–1 (Cont.) Steps Required for Updating an ALL-IN-1 STARTER V2.4 Language

STEP	Title
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
11	Indicate whether or not you want to purge files replaced by the installation
17	Select the date format to use with ALL-IN-1
26	Check the mandatory and optional software prerequisites
34	Indicate the existing VMS username for the ALL-IN-1 account
45	Indicate whether or not you want to run the IVPs
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

10.8 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1L<lang> V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1L<lang> V2.4 Installation Verification Procedure failed.
%VMSINSTAL-E-IVPFAIL, The IVP for A1L<lang> V2.4 has failed.
```

where <lang> is the name of the language being installed.

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

10.8.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedurewas run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP /LANGUAGE=lang
  ```

  where lang is the name of the language being installed.

Manually execute each IVP test as described in the *ALL-IN-1 Management Guide*.

Note *The IVP runs in the language context of the current optional language being installed and also tests the international base system.*

Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.

11

Updating an Existing ALL-IN-1 V2.4 System

This chapter explains how to update your existing ALL-IN-1 Version 2.4 system. You can update your ALL-IN-1 Version 2.4 system if you decide to change the configuration, or an ALL-IN-1 component is revised by Digital.

11.1 Before You Start

Before you start the installation procedure:

1. Make sure that you have made all the necessary preparations (see Section Section 1.8).
2. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
3. Complete the checklist of information required for installation given in Section Section 1.8.20. Refer to this checklist during the installation.
4. If you have rebooted your system prior to starting the installation, make sure that you have run the ALL-IN-1 startup command procedure (SYS$MANAGER:A1V24START.COM) before you start the installation.

You must have the base, language, and market components to update ALL-IN-1 Version 2.4.

11.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed

- The name of the device where the distribution media are to be mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution media and that command procedure controls the rest of the installation.

11.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

11.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

11.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

11.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

- `%UAF-E-RDBADDERRU, unable to add A1$XFER_IN value: [000001,000100] to RIGHTSLIST.DAT -SYSTEM-F-DUPIDENT, duplicate identifier`
- `%UAF-E-RDBADDERRU, unable to add A1$XFER_OUT value: [000001,000100] to RIGHTSLIST.DAT -SYSTEM-F-DUPIDENT, duplicate identifier`

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- `%OA-I-LNF, Error opening form library "THIS_IS_A_TEST" -RMS-E-FNF, file not found`
- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`
- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

11.7 The Installation Procedure

Table 11–1 lists the step required to update your existing ALL-IN-1 Version 2.4 system.

Table 11–1 Steps Required for Updating an Existing ALL-IN-1 V2.4 System

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
7	Load the Distribution Media - Sequence 2
8	Specify the market code required by this installation
9	Specify the language code required by this installation
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
12	Indicate whether or not you want to incorporate DATATRIEVE

(continued on next page)

Table 11–1 (Cont.) Steps Required for Updating an Existing ALL-IN-1 V2.4 System

STEP	Title
13	Indicate whether or not you want to incorporate WPS-PLUS
14	Indicate whether or not you want to incorporate ACMS
16	Indicate whether or not you want to build a multi-language system
17	Select the date format to use with ALL-IN-1
18	Specify the greatest number of simultaneous ALL-IN-1 users
19	Specify the batch queue to run the Sender and Fetcher
20	Indicate whether or not you want to send and receive messages to and from other systems
21	Indicate whether the Message Router you want ALL-IN-1 to use is on this node or another node
22	Specify the node whose Message Router you want to use
23	Specify the level of use of the Mail directory
25	Indicate whether or not you want to translate outgoing WPS-PLUS and DX messages to ASCII
26	Check the mandatory and optional software prerequisites
34	Indicate the existing VMS username for the ALL-IN-1 account
45	Indicate whether or not you want to run the IVPs
46	Load the Distribution Media - Sequence 3
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

11.8 Start the OA$FORMATTER Queue

The OA$FORMATTER queue is restarted if you elected to run the IVP during the installation. If you did not elect to run the IVP, you must restart the OA$FORMATTER queue by entering the following command:

```
$ START /QUEUE OA$FORMATTER
```

11.9 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The A1 V2.4 Installation Verification Procedure failed.
%VMSINSTAL-E-IVPFAIL, The IVP for A1 V2.4 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

11.9.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.
- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.

- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP
  ```

  Manually execute each IVP test as described in the *ALL-IN-1 Management Guide*.

Note *Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.*

12

Updating an ALL-IN-1 V2.4 Language

This chapter explains how to update an ALL-IN-1 Version 2.4 language.

12.1 Before You Start

Before you start the installation procedure:

1. Print and read the *ALL-IN-1 Release Notes Part 1 Language* (see Section 2.1)
2. Make sure that you have made all the necessary preparations (see Section 1.8).
3. Make sure that no ALL-IN-1 logical names point to system root directories, for example, OA$LIB must not be defined as SYS$SYSROOT:[ALLIN1.LIB].
4. Complete the checklist of information required for installation given in Section 1.8.20. Refer to this checklist during the installation.
5. If you have rebooted your system prior to starting the installation, make sure that you have run the ALL-IN-1 startup command procedure (SYS$MANAGER:A1V24START.COM) before you start the installation.

You need only the required language component to update an ALL-IN-1 Version 2.4 additional language.

12.2 Overview of VMSINSTAL

VMSINSTAL is a DCL command procedure that is used to install optional software products on the VMS operating system. VMSINSTAL requires at least two parameters:

- The name of the product(s) being installed.

- The name of the device where the distribution medium is mounted or loaded. You can use either a physical or logical device name.

VMSINSTAL invokes a command procedure on the distribution medium and that command procedure controls the rest of the installation.

12.3 Determining the Files and Logical Names Added to the System

A list of the files, and their directories, of an installed ALL-IN-1 Version 2.4 system is given in Appendix C.

A list of the logical names added to your system is given in Appendix C.

12.4 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Version 2.4 verifies the installation. During the installation, you are asked if you want to run the IVP as part of the installation. If you respond YES, VMSINSTAL runs the IVP. Digital recommends that you run the IVP to ensure that ALL-IN-1 Version 2.4 is installed correctly.

After ALL-IN-1 Version 2.4 is installed, you can run the IVP independently to verify that the software is available on your system. You might also want to run the IVP after a system failure to ensure that users can access ALL-IN-1 Version 2.4. Instructions on running the IVP are given in the *ALL-IN-1 Management Guide*.

12.5 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, and the installation is being performed in Safety mode (see Section 1.8.16.1), the installation procedure deletes all files it has created up to that point and exits. You must restart the installation from the beginning.

Note *VMSINSTAL does not delete any accounts or directory structures that are created.*

12.6 Warning and Error Messages

The following warning and error messages may be displayed during the installation:

- `%INSTALL-W-NOPREV, no previous entry exists - new entry created for <filename>`

  where <filename> is the full file specification for the image that is to be created.

- `%SYSTEM-E-NOSUCHSEC, no such (global) section`

These messages can be ignored.

The following informational and error messages are displayed when the IVP is run:

- `%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"`
  `-RMS-E-FNF, file not found`
- `%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found`
- `%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library`

These messages are due to various tests being performed by the IVP.

12.7 The Installation Procedure

Table 12–1 lists the steps required for updating an existing language.

Table 12–1 Steps Required for Updating an Existing ALL-IN-1 V2.4 Language

STEP	Title
1	Invoke VMSINSTAL
2	DECnet status
3	Active processes
4	System backup
5	Load the distribution media - Sequence 1
6	Indicate which type of installation you wish to perform
10	Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key
11	Indicate whether or not you want to purge files replaced by the installation
17	Select the date format to use with ALL-IN-1
26	Check the mandatory and optional software prerequisites
34	Indicate the existing VMS username for the ALL-IN-1 account
45	Indicate whether or not you want to run the IVPs
47	Wait for the installation to complete
48	Complete installation

The steps are described in Chapter 13. Before starting the installation, indicate the steps required for your installation by placing a tick in the box for each of the steps.

12.8 Error Recovery

If errors occur during the installation itself or when the IVP is running, VMSINSTAL displays failure messages. If the installation fails, the following message is displayed:

```
%VMSINSTAL-E-INSFAIL, The installation of A1L<lang> V2.4 has failed.
```

where <lang> is the name of the language being installed.

If the IVP fails, the following messages are displayed:

```
The A1L<lang> V2.4 Installation Verification Procedure failed.
%VMSINSTAL-E-IVPFAIL, The IVP for A1L<lang> V2.4 has failed.
```

Errors can occur during the installation if any of the following conditions exist:

- The operating system version is incorrect
- A prerequisite software version is incorrect
- Quotas necessary for successful installation are insufficient
- System parameter values for successful installation are insufficient
- The VMS help library is currently in use
- The product is not properly licensed
- SYS$LIBRARY:IMAGELIB.OLB and SYS$LIBRARY:STARLET.OLB are not present. These files are removed if you tailor VMS.

For descriptions of the error messages generated by these conditions, see the VMS books on system messages, recovery procedures, and VMS software installation. If you are notified that any of these conditions exist, you should take the appropriate action as described in the message. (You might need to change a system parameter or increase an authorized quota value.) For information on installation requirements, see Chapter 1.

Note *If the installation fails, you must restart the installation from the beginning.*

12.8.1 Errors Found During the IVP

If any error messages occur during the IVP, do the following:

- Check the log of the installation for any errors that may have occurred during installation.
- Check the file ALLIN1_IVP.LOG. This file does not contain the results of the IVP, but the results of invoking ALL-IN-1 when running the IVPs. This file is in the directory where you run the installation, usually SYS$MANAGER.

- Make sure you have executed the startup command procedure SYS$MANAGER:A1V24START.COM so that all image files, logical names and form libraries have been successfully installed.
- Make sure that the ALL-IN-1 TXL and your site-specific TXL, if there is one, were compiled and installed successfully and recompile them if you received any error messages when the startup command procedure was run.
- Check that you have not run out of quota on the disk(s) containing the OA$SHAREnnnn directories (refer to the manual describing VMS utilities).
- Check that the details for the IVP account are completed correctly, as follows:
  - All the ALL-IN-1 privileges are set to YES.
  - The IVP user directory points to the disk and subdirectory that you specified for the ALL-IN-1 manager's account. For example, using the installation defaults would give:

    SYS$SYSDEVICE:[ALLIN1.IVPUSER]
  - The ALL-IN-1 account, IVP, is accessed from the ALL-IN-1 manager's VMS account.
- Run ALL-IN-1 and try to use those areas that failed during the IVP to find more information on the error.

  Log in to the ALL-IN-1 manager's IVP account:

  ```
  $ ALLIN1 /USERNAME=IVP /LANGUAGE=lang
  ```

  where lang is the name of the language being installed.

  Manually execute each IVP test as described in the *ALL-IN-1 Management Guide*.

Note *The IVP runs in the language context of the current optional language being installed and also tests the international base system.*

Most IVPs are designed to exercise and test ALL-IN-1 at a level which is normally customization independent. However, if you have customized the Phone Directory subsystem of ALL-IN-1, the display graphics (IDG) procedure may fail. This is a demonstration test used to exercise the terminal graphics as a typical application.

13

Steps Required for Installing ALL-IN-1 V2.4

This chapter contains a complete list of the steps required for installing ALL-IN-1 Version 2.4. The steps required depend on the type of installation you are performing (see the chapter for the type of installation you are going to perform (Chapters 3 to 12).

Indicate the steps required for your type of installation by placing a tick in the box for each of those steps.

For those steps that require you to input information, enter the information in the space provided, before you start the installation.

13.1 Installation Steps

During the installation procedure a number of cautionary messages and general information messages, which are not documented here, are displayed. Read all messages carefully and follow the advice they offer.

Each question in the installation is marked with an asterisk (*) at the beginning of the line. If you are unsure how to answer a question, enter a question mark (?). The installation procedure displays explanatory text.

Note *If the installation fails, you must restart the installation from the beginning.*

☐ **STEP 1: Invoke VMSINSTAL**

To start the installation, log in to the privileged VMS system manager's account, and enter the following command:

```
$ SET DEFAULT SYS$UPDATE
```

If you are performing a new, upgrade, or update installation, enter:

```
$ @VMSINSTAL A1024 device:
```

If you are installing an additional language, or upgrading or updating an existing language, enter:

```
$ @VMSINSTAL A1Llang024 device:
```

device is the device on which the distribution media are to be mounted. You can use either a physical or logical device name. Logical device names must not begin with A1$ or OA$.

A1024, is the product identifier for the full ALL-IN-1 Version 2.4 system.

A1Llang024 is the product identifier for the language to be installed.

For example, enter the following command if you are performing a new, upgrade or update installation:

```
$ @VMSINSTAL A1024 TAPE0
```

Note *Do not use the command @VMSINSTAL * device:, since this causes VMSINSTAL to install the products from the kit in the incorrect order.*

If you omit these items, you are prompted for the product identifier and device.

The following messages are displayed:

```
        VAX/VMS Software Product Installation Procedure V<version>

It is <dd-mmm-yyyy> at <hh:mm>
Enter a question mark (?) at any time for help.
```

<version> is the version of VMS that you are running on your system

<dd-mmm-yyyy> and <hh:mm> are the current date and time

If your system is running VMS Version 5.2, or higher, and any users are logged in to your system, VMSINSTAL goes to STEP 3.

If your system is running VMS Version 5.2, or higher, and no users are logged in to your system, VMSINSTAL goes to STEP 4.

STEP 2: DECnet status

If your system is running VMS Verison 5.1, and your DECnet network is running, the following message is displayed:

```
%VMSINSTAL-W-DECNET, Your DECnet network is up and running.
* Do you want to continue anyway [NO]?
```

Enter YES to continue.

If you want to use a local Message Router and it is not running, press RETURN. VMSINSTAL aborts. Start the Message Router and restart the installation.

Note *If you want to use Mail directory addressing, make sure that the Message Router Directory Service is running on your system.*

If you are installing ALL-IN-1 on a multiple-environment cluster, the Message Router Directory Service must be running on the part on which you are installing ALL-IN-1 (see Section 1.6.2.1).

STEP 3: Active Processes

If no users are accessing the system, or you respond YES to the prompt in STEP 2, VMSINSTAL goes to STEP 4.

If other users are accessing the system, the following message appears:

```
%VMSINSTAL-W-ACTIVE, The following processes are still active
<process_name>
   .
   .
   .
* Do you want to continue anyway [NO]?
```

<process_name> refers to the process name of a user logged in to the system.

If the Message Router Version 3.1 software is installed on your system, some Message Router processes will be active, for example, MRLOGGER and MR$T_N_1. If you intend to use Message Router with ALL-IN-1, do not stop these processes.

If any active processes are due to users logged in to the system, it is not advisable to continue, so press RETURN to halt VMSINSTAL, and ask the users to log out. Once the users have logged out, restart the installation procedure.

STEP 4: System Backup

VMSINSTAL displays:

```
* Are you satisfied with the backup of your system disk [YES]?
```

If you are not satisfied, enter NO, carry out a disk backup and restart the installation.

If you are satisfied, press RETURN.

STEP 5: Load the distribution media—Sequence 1

If you did not specify a device when invoking VMSINSTAL, the following message is displayed:

```
* Where will the distribution volumes be mounted:
```

Enter the device on which the media are to be mounted. You can use either a physical or logical device name. Logical device names must not begin with A1$ or OA$.

If you did not specify the product identifier when invoking VMSINSTAL, the following message is displayed:

```
Enter the products to be processed from the first distribution volume set:
* Products:
```

If you are performing a new, upgrade or update installation, enter the product identifier, `A1024`.

If you are installing an additional language, or upgrading or updating an existing language, enter the product identifier, `A1Llang024`.

If your system is running VMS Version 5.1, VMSINSTAL displays:

```
* Options:
```

If your system is running VMS Version 5.2 (or higher), VMSINSTAL displays:

```
* Enter installation options you wish to use (none):
```

Press RETURN to continue.

If you are installing ALL-IN-1 Version 2.4 from magnetic tape or TK50 cartridge, VMSINSTAL displays:

```
Please mount the first volume of the set on <device>:
* Are you ready?
```

where <device>: is the device you specified.

Mount the first volume of the distribution media.

- For a new, upgrade or update installation, this is the volume labeled:

  ALL-IN-1 V2.4 BASE BIN media_type
  INTERNATIONAL BASE
  (c) 1989 Digital Equipment Corp.

- For an additional language installation, or an update of an existing language, this is the volume labeled:

ALL-IN-1 V2.4 language BIN media_type
LANGUAGE COMPONENT
(c) 1989 Digital Equipment Corp.

media_type is 16MT9 for tape and TK50 for a TK50 cartridge. (If you are unfamiliar with the loading of media, refer to the VMS software installation documentation.)

When you have mounted the volume, enter `YES`. VMSINSTAL tries to mount the distribution volume. If it succeeds, the following messages are displayed:

- If you are performing a new, upgrade or update installation:

```
                %MOUNT-I-MOUNTED, A11024 mounted on <device>:

The following products will be processed:
  A1 V2.4

        Beginning installation of A1 V2.4 at <hh:mm>

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
%VMSINSTAL-I-RELMOVED, The product's release notes have been successfully
     moved to SYS$HELP.

This is LOCAL ALL-IN-1 V2.4 BASE kit
```

<hh:mm> is the current time.

- If you are installing an additional language, upgrading or updating an existing language:

```
                %MOUNT-I-MOUNTED, A13024 mounted on <device>:

The following products will be processed:
  A1L<lang> V2.4

        Beginning installation of A1L<lang> V2.4 at <hh:mm>

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
%VMSINSTAL-I-RELMOVED, The product's release notes have been successfully
     moved to SYS$HELP.

This is the LOCAL ALL-IN-1 V2.4 LANGUAGE-only kit
```

<hh:mm> is the current time.

STEP 6: Indicate which type of installation you wish to perform

Installation type: ......

- If you are performing a new, upgrade or update installation, VMSINSTAL displays:

```
Using the FULL ALL-IN-1 V2.4 KIT, the following types of
installation can be performed :-

     (1)     First full installation of ALL-IN-1
     (2)     Upgrade of ALL-IN-1 V2.3 to ALL-IN-1 V2.4
     (3)     Update of ALL-IN-1 V2.4
     (4)     Installation of an additional language
     (5)     Upgrade of an additional existing ALL-IN-1 V2.3 language
     (6)     Update of an existing ALL-IN-1 V2.4 language
     (7)     Register licenses for pre-requisite software

* What type of installation do you wish to perform [1]:
```

Press RETURN to indicate a full installation of ALL-IN-1 Version 2.4. Otherwise, enter the number corresponding to the type of installation you want to perform.

If you are upgrading an ALL-IN-1 STARTER system to ALL-IN-1 Version 2.4, enter:

2	To upgrade ALL-IN-1 STARTER Version 1.0
3	To update ALL-IN-1 STARTER Version 2.4
5	To upgrade an ALL-IN-1 STARTER Version 1.0 language
6	To update an ALL-IN-1 STARTER Version 2.4 language

If you are upgrading or updating a multilingual ALL-IN-1 or ALL-IN-1 STARTER system, VMSINSTAL displays:

```
                              ***CAUTION***
Your system has been configured as a MULTI-LINGUAL system.  After you
have upgraded your base system, you must also upgrade all additional
language systems. You will not be able to use your additional language
systems until they have been upgraded to the same version as your base
system.
```

The installation continues at STEP 7. However, you can use only the language that is being installed at this time. You must upgrade or update the remaining languages before you can use them. Also, you cannot run the Installation Verification Procedure for the additional languages until you have upgraded or updated them.

If you are performing an upgrade or update installation, and the installation procedure could not find the file A1LINK.ANS, VMSINSTAL displays:

```
%A1-E-NOANS, Could not find OA$BUILD:A1LINK.ANS

                              ***CAUTION***
The installation could not determine the state of your system. If you
have a MULTI-LINGUAL system you must upgrade all additional languages
after you have upgraded your base system.  You will not be able to use
your additional language systems until they have been upgraded to the
same version as your base system
```

The installation continues at STEP 7. However, if you are upgrading or updating from a multilingual system, you can use only the language that is being installed at this time. You must upgrade or update the remaining languages before you can use them. Also, you cannot run the Installation Verification Procedure for the additional languages until you have upgraded or updated them.

Enter `7` to register the licenses. This option registers and loads the licenses for VAX FMS Version 2.4, Message Router Version 3.1, Message Router VMSmail Gateway Version 3.1, CDA Converter Library Version 1.0, and VAX Notes Version 2.0. VMSINSTAL displays:

```
%A1-I-CHKSWLIC, Checking licenses for prerequisite software
%A1-I-CONFLICENSE. All necessary licenses are installed and loaded
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target
directories...
        Installation of A1 V2.4 completed at <hh:mm>

        VMSINSTAL procedure done at <hh:mm>
```

VMSINSTAL exits after registering the licenses.

Before you install ALL-IN-1 Version 2.4, make sure that FMS, and if necessary, Message Router and Message Router VMSmail Gateway are running.

- If you are performing an additional language installation or updating an existing language, VMSINSTAL displays:

```
   Using the LANGUAGE only ALL-IN-1 V2.4 KIT, the following types of
   installation can be performed :-

        (1)     Installation of an additional language
        (2)     Upgrade of an additional existing ALL-IN-1 V2.3 language
        (3)     Update of an existing ALL-IN-1 V2.4 language

* What type of installation do you wish to perform [1]:
```

Press RETURN to indicate an additional language installation. Otherwise, enter `2` to upgrade an existing ALL-IN-1 Version 2.3 additional language, or enter `3` to update an existing ALL-IN-1 Version 2.4 language.

If you are upgrading an ALL-IN-1 STARTER language to an ALL-IN-1 Version 2.4 language, enter:

2	To upgrade an ALL-IN-1 STARTER Version 1.0 language
3	To update an ALL-IN-1 STARTER Version 2.4 language

If you are performing an upgrade or update installation, VMSINSTAL searches for the default ALL-IN-1 image, OA$LIB_SHARE:OA$MAIN.EXE. If it does not find this image (because you have renamed the image), VMSINSTAL displays:

```
The main ALL-IN-1 image OA$MAIN.EXE cannot be found using its default
    specification
```

```
* Can you provide the full file specification of the main ALL-IN-1 image [YES]?
```

Press RETURN if you know the full file specification of the main ALL-IN-1 image. VMSINSTAL displays:

```
* What is the full file specification of the main ALL-IN-1 image:
```

Enter the full file specification of the image (including the device and directory).

If you do not know the full file specification, enter NO. VMSINSTAL exits. Find out the full file specification of your ALL-IN-1 image and start the installation again.

If you are installing a full ALL-IN-1 Version 2.4 system, or are upgrading or updating an existing ALL-IN-1 system, you may be prompted to enter a market code at this point if you are installing ALL-IN-1 from disk. If you see this prompt go to STEP 8.

If you are installing an additional language, you may be prompted to enter a language code at this point if you are installing the ALL-IN-1 language from disk. If you see this prompt go to STEP 9.

If you are updating an existing language, you may be prompted to enter a language code at this point if you are installing the ALL-IN-1 language from disk. If you see this prompt go to STEP 9.

☐ STEP 7: Load the distribution media—Sequence 2

Mount the second volume of the distribution media. This is the volume labeled:

ALL-IN-1 V2.4 market BIN media_type
MARKET COMPONENT
(c) 1989 Digital Equipment Corp.

- market is the market name
- media_type is 16MT9 for tape and TK50 for a TK50 cartridge.

See the *ALL-IN-1 Installation Guide Part 3 Market Installation*.

The following messages are displayed:

```
Media <device>:A11024 dismounted. (MEDIA CHANGE REQUIRED):
Dismounted media labeled A11024. Please mount the MARKET kit media which
is labeled A12024 and reply to the prompt below. (Answer NO to exit).
```

```
* Type YES when correct media mounted, NO to terminate installation?
```

When you have mounted the volume, enter YES. VMSINSTAL tries to mount the distribution volume. If the distribution volume is mounted, the following messages are displayed:

```
%MOUNT-I-MOUNTED, A12024 mounted on <device>:
%A1C<market>-I-RECOUK, Restoring the MARKET kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B . . .
```

where <market> is the market code (see the *ALL-IN-1 Installation Guide Part 3 Market Installation*).

Mount the third volume of the distribution media. This is the volume labeled:

ALL-IN-1 V2.4 language BIN media_type
LANGUAGE COMPONENT
(c) 1989 Digital Equipment Corp.

- language is the language name
- media_type is 16MT9 for tape and TK50 for a TK50 cartridge

See the *ALL-IN-1 Installation Guide Part 2 Language Installation*.

The following messages are displayed:

```
Media <device>:A12024 dismounted. (MEDIA CHANGE REQUIRED):
Dismounted media labeled A12024. Please mount the LANGUAGE kit media which is
labeled A13024 and reply to the prompt below. (Answer NO to exit).

* Type YES when correct media mounted, NO to terminate installation?
```

When you have mounted the volume, enter YES. VMSINSTAL tries to mount the distribution volume. If the distribution volume is mounted, the following messages are displayed:

```
%MOUNT-I-MOUNTED, A13024 mounted on <device>:
%A1L<lang>-I-RELANK, Restoring the LANGUAGE kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B . . .

This is the <lang> version of ALL-IN-1 V2.4
```

where <lang> is the language being installed (see the *ALL-IN-1 Installation Guide Part 2 Language Installation*).

VMSINSTAL goes to STEP 10.

STEP 8: Specify the market code required by this installation

Market code: ....

VMSINSTAL displays:

```
* Enter market code for this installation (up to 3 characters) [US]:
```

Press RETURN to accept the default, US. Otherwise, enter the market code required for your installation (see the *ALL-IN-1 Installation Guide Part 3 Market Installation*).

VMSINSTAL displays the following:

```
%A1C<market>-I-RECOUK, Restoring the MARKET kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B . . .
```

STEP 9: Specify the language code required by this installation

Language code: ....

VMSINSTAL displays:

```
*Enter language code for this installation (up to 9 characters) [ENGLISH]:
```

Press RETURN to accept the default, ENGLISH. Otherwise, enter the language code required for your installation (see the *ALL-IN-1 Installation Guide Part 2 Language Installation*).

VMSINSTAL displays the following:

```
%A1L<lang>-I-RELANK, Restoring the LANGUAGE kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B . . .

This is the <language> version of ALL-IN-1 V2.4
```

STEP 10: Indicate whether you have registered and loaded your ALL-IN-1 Product Authorization Key

Have you registered and loaded the PAK? ....

- If you are installing ALL-IN-1 for the first time, or updating or upgrading a an ALL-IN-1 system, you must have a capacity or personal (subscriber) license registered

- If you have a capacity (ALLIN1) license, and you want to install, update or upgrade an additional language, you must also have a language-specific capacity license, ALLIN1-UI-language, where language is the name of the language you want to install
- If you have a personal (ALLIN1-PERSONAL) license, you can install, update or upgrade an additional language, without a language-specific license

VMSINSTAL displays:

```
* Does this product have an authorization key registered and loaded [YES]?
```

If you have not registered and loaded your product authorization key, you must answer NO to this question. VMSINSTAL then exits.

A successful installation of ALL-IN-1 depends on a product authorization key being registered and loaded. Please be certain that this has been completed before proceeding with the installation.

Press RETURN if you have a product authorization key registered and loaded for ALL-IN-1 Version 2.4.

If the appropriate licenses are registered and loaded, VMSINSTAL displays:

```
%LMF-I-GOTLICENSE,  An <licence> license is installed and loaded
```

where <license> is:

- ALLIN1 or ALLIN1-PERSONAL if you are installing ALL-IN-1 for the first time, or you are updating or upgrading a previous version of ALL-IN-1.
- ALLIN1-PERSONAL or ALLIN1-UI-language if you are installing, updating, or upgrading an additional language

VMSINSTAL then checks for all prerequisite software licenses:

```
%LMF-I-CHKSWLIC,  Checking licenses for prerequisite software
```

If a license already exists, and the installation updates the license with a more up-to-date version, the following message is displayed:

```
%LICENSE-I-ALREADYLOADED, <license> has already been loaded
```

<license> is the name of the license that has been updated.

If a license is not found, the license is registered then loaded, and the following message is displayed:

```
%LICENSE-I-LOADED, <license> was successfully loaded with <n> units
```

<license> is the name of the license that has been updated and <n> is the number of units for the license.

When the licenses for all the prerequisite software have been checked and, if necessary, loaded, the following message is then displayed:

```
%LMF-I-CONFLICENSE,  All necessary licenses are installed and loaded
```

If one or more of the required licenses are not registered and loaded, VMSINSTAL displays:

```
%LMF-S-NOLICENSE, This product requires a license to install
%LMF-S-NOLICENSE, Please refer to the ALL-IN-1 Installation Guide

%LMF-E-RETRY1, Please correct any reported problem(s) before attempting
%LMF-E-RETRY2, to install ALL-IN-1.

%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.

 VMSINSTAL procedure done at <hh:mm>
```

If you are performing a new installation, VMSINSTAL goes to STEP 12.

If you are installing a new additional language, VMSINSTAL goes to STEP 17.

STEP 11: Indicate whether or not you want to purge files replaced by this installation

Do you want to purge files? ....

You can choose to have the files of your existing ALL-IN-1 system purged to save space on the disk(s) on which ALL-IN-1 Version 2.4 is being installed.

If you are performing an upgrade or update installation, VMSINSTAL displays:

```
* Do you want to purge files replaced by this installation?
```

This installation creates new copies of ALL-IN-1 language files. You can purge the old copies of these files.

Enter `YES` if you want to purge the old copies of these files. Otherwise, enter `NO`.

If you are upgrading or updating an existing language, VMSINSTAL goes to STEP 17.

STEP 12: Indicate whether or not you want to incorporate VAX DATATRIEVE

Do you want to incorporate VAX DATATRIEVE? ....

Name of VAX DATATRIEVE image: ....

VMSINSTAL displays:

```
If DATATRIEVE is only occasionally used within ALL-IN-1 it is suggested that
you answer NO to the next question. You will still be able to use DATATRIEVE
within ALL-IN-1, but you will avoid the overhead of having it physically
linked with the ALL-IN-1 image. If you need to use a DATATRIEVE image other
than SYS$SHARE:DTRSHR.EXE then you MUST answer YES to the following question.

* Do you want to incorporate DATATRIEVE [NO]?
```

If you do not want ALL-IN-1 to link with VAX DATATRIEVE, press RETURN. VMSINSTAL goes to STEP 13.

If you want ALL-IN-1 to link with VAX DATATRIEVE (see Section 1.5.2), enter `YES`. VMSINSTAL displays:

```
* What is the name of the DATATRIEVE image you want to link with [DTRSHR]:
```

Press RETURN if the name of your VAX DATATRIEVE image is DTRSHR.EXE. Otherwise, enter the name of your VAX DATATRIEVE image. See the VAX DATATRIEVE installation guide for more information.

STEP 13: Indicate whether or not you want to incorporate WPS-PLUS

Do you want to incorporate WPS-PLUS? ....

VMSINSTAL displays:

```
        If you wish to have the WPS-PLUS editor available then answer YES
        to the following question. If you answer NO, then your users will
        not be able to access the WPS-PLUS editor. Note this will also
        impact SPELL and MERGE functions.

   NOTE: You will be able to link WPS-PLUS in at a later time, should you
   choose not to link it now.

* Do you want to incorporate WPS-PLUS [YES]?
```

If you want to incorporate WPS-PLUS (see Section 1.5.5), press RETURN. Otherwise, enter NO.

Note *If you decide not to incorporate WPS-PLUS at this time, you can incorporate WPS-PLUS at a later date by performing an update installation (see Appendix D for details).*

STEP 14: Indicate whether or not you want to incorporate ACMS

Do you want to incorporate ACMS? ....

VMSINSTAL displays:

```
If you wish to interface with ACMS, then answer YES to the following
questions.

NOTE:

         o ACMS needs to be installed before ALL-IN-1.

         o If the user answers yes and the relevant ACMS files are
           present then the interface will get built. If they are not
           then the default is to abort the link, in order to remedy it.

* Do you want to incorporate ACMS [NO]?
```

If you do not want to incorporate ACMS (see Section 1.5.4), press RETURN. Otherwise, enter YES.

STEP 15: Check to see if the CDA Converter Library is installed

VMSINSTAL displays:

```
%A1L<lang>-I-DDIF, Checking CDA support software prerequisites
```

If the logical name CDA$LIBRARY is defined and the CDA converter files are present (see Section 1.5.1), VMSINSTAL displays:

```
%A1L<lang>-I-DDIF, CDA integration will be supported
```

If the logical name CDA$LIBRARY does not exist, VMSINSTAL displays:

```
%A1L<lang>-W-NOCDALIB, No CDA$LIBRARY logical was found
* Do you want to continue anyway (without CDA support) [YES]?
```

Press RETURN to continue the installation. Otherwise, enter NO.

If the CDA Converter Library files are not installed, VMSINSTAL displays:

```
%A1L<lang>-I-MISSING_CDA, The CDA converter files are not installed
* Do you want to continue anyway (without CDA support) [YES]?
```

Press RETURN to continue the installation. Otherwise, enter `NO`.

If you want to have full DDIF/CDA integration, the CDA library must be set up and the converter files installed. If they are not set up, and you require full integration, you may continue and install them after the installation of ALL-IN-1.

STEP 16: Indicate whether or not you want to build a multilingual system

Do you want to build a multilingual system? ....

You can install an additional language to build a multilingual ALL-IN-1 system. See Section 1.7 for details.

VMSINSTAL displays:

```
     If you answer YES to this then you will produce TWO images -
   OA$MAIN.EXE and OA$LLVlanguage.EXE.  This will allow more than one
   language to be installed.

* Do you want to build a MULTI-LANGUAGE system [NO]?
```

Press RETURN if you do not want to install other languages. Otherwise, enter `YES`. You install each additional language after ALL-IN-1 Version 2.4 is installed, by performing an additional language installation (see Chapter 4).

If you elect to build a multilingual system, the installation creates a language-specific image file, SYS$LIBRARY:OA$LLVlang.EXE, in addition to the OA$LIB_SHARE:OA$MAIN.EXE image file.

Note *The performance of ALL-IN-1 will suffer slightly if you configure ALL-IN-1 as a multilingual system (that is, if you enter* `YES` *at the prompt). If you are not sure whether or not you want to run a multilingual ALL-IN-1 system, you can choose to install ALL-IN-1 Version 2.4 as a single language system, and relink the ALL-IN-1 image at a later date for multilingual operation (see the* ALL-IN-1 Management Guide *for details).*

STEP 17: Select the date format to use with ALL-IN-1

Date format to use with ALL-IN-1: ....

VMSINSTAL displays:

```
ALL-IN-1 allows you to select a default date format for each language
you have installed. This will become the default ALL-IN-1 date format
for each user (on a per language basis). This may be changed by user
through the Set Working Conditions option.

         Alphanumeric Date  Numeric Date

     1      DD-MMM-YYYY       MM/DD/YY        (Standard Default)
     2      DD-MMM-YYYY       DD/MM/YY
     3      DD-MMM-YYYY       YY/MM/DD
     4      YYYY-MMM-DD       MM/DD/YY
     5      YYYY-MMM-DD       DD/MM/YY
     6      YYYY-MMM-DD       YY/MM/DD

* Which date format do you require [1]:
```

Press RETURN to select the default date format DD-MMM-YYYY MM/DD/YY. Otherwise, enter the number of the desired date format. See the *ALL-IN-1 Installation Guide Part 3 Market Installation*.

If you are performing an additional language installation, VMSINSTAL goes to STEP 26.

STEP 18: Specify the greatest number of simultaneous ALL-IN-1 users

Greatest number of simultaneous ALL-IN-1 users: ....

VMSINSTAL displays:

```
* What will be the greatest number of simultaneous ALL-IN-1 users:
```

Enter the number of users that you expect to use ALL-IN-1 at the same time. In a VAXcluster, this is the number of users on the node which has the greatest number of users. For example, if one node has 10 users and another node has 4 users, you should enter 10. VMSINSTAL then checks that the system parameter settings are sufficient. If your node is not on a cluster, simply enter the greatest number of users on the node.

Note *This will affect the system parameters (see Section 1.8).*

VMSINSTAL uses this information to allocate the correct number of global buffers to certain files in OA$DATA_SHARE (see Section 14.12).

VMSINSTAL checks that the values of certain parameters are suitable. If the following system parameters are not adequate, you can complete the installation, but you may have to increase them, depending on the maximum number of simultaneous ALL-IN-1 users per node or satellite node (see the chapter on tuning ALL-IN-1 in the *ALL-IN-1 Management Guide*):

- LOCKIDTBL
- RESHASHTBL
- GBLPAGFIL

If the following parameters are not adequate, you cannot proceed with the installation and must use the SYSGEN utility (see Section 1.8) to increase them, before attempting installation again:

- Number of unused global sections
- Number of unused global pages

Note *If you are running on a VAXcluster, the installation procedure can only check the SYSGEN parameters on the node on which it is running. You must ensure that they are large enough on all nodes in the cluster on which you intend to run ALL-IN-1.*

STEP 19: Specify the batch queue to run the Sender and Fetcher

Batch queue for sending and receiving mail: ....

VMSINSTAL displays:

```
* Which batch queue would you like to use for sending/receiving mail
    [SYS$BATCH]:
```

If you are installing ALL-IN-1 on a multiple-environment cluster you must use a batch queue that runs only on the part of the cluster on which you are installing ALL-IN-1 (see Section 1.6.2).

ALL-IN-1 uses one of your system batch queues to run the mail Sender and Fetcher. Press RETURN to use SYS$BATCH. Otherwise, specify the name of another batch queue that exists already or that you will create before you run ALL-IN-1. If your system runs a local Message Router, you may consider using the Message Router queue MB$BATCH.

Note *Digital recommends that you use a dedicated batch queue for the mail Sender and Fetcher.*

STEP 20: Indicate whether or not you want to send and receive messages to and from other systems

Do you want to send and receive messages to and from other systems? ....

See Section 1.5.3 to help you decide whether or not to integrate ALL-IN-1 with Message Router.

VMSINSTAL displays:

```
* Do you want to use Message Router to send/receive messages to/from other
    systems [NO]?
```

Press RETURN if you do not want to send and receive electronic messages to and from other computer systems, or by way of the Message Router VMSmail Gateway to and from VMSmail. Otherwise, enter `YES`.

If you respond NO to this prompt, VMSINSTAL goes to STEP 26.

STEP 21: Indicate whether the Message Router you want ALL-IN-1 to use is on this node or another node

Do you want to use a remote Message Router? ....

Note *If you want to use Mail directory addressing (see Section 1.5.3.1), you must have Message Router Version 3.1 installed locally.*

VMSINSTAL displays:

```
* Do you want to use a Message Router on another node [NO]?
```

If the Message Router you want to use is on another system (that is, you want to use a remote Message Router), enter `YES`. VMSINSTAL goes to STEP 22.

Press RETURN if the Message Router you want to use is on this system. (This is normally the case.) If you press RETURN, and Message Router Version 3.1 is installed on this system, VMSINSTAL goes to STEP 23. Otherwise, VMSINSTAL goes to STEP 26 after displaying the following message:

```
Message Router version incorrect or Message Router missing.
Further Message Router questions will be omitted.
```

If you did not start DECnet before starting the installation, VMSINSTAL displays:

```
%A1-I-DCNTNOTINSTD1, DECNET has not been installed.
%A1-I-DCNTNOTINSTD2, It must be installed for Mail directory support.
%A1-I-DDSNOTSTRTD1, Mail directory service has not been started /or installed.
%A1-I-DDSNOTSTRTD2, You cannot therefore use the Mail directory service.
* Do you wish to continue without Mail directory support [YES]?
```

Press RETURN if you want to continue. VMSINSTAL goes to STEP 24.

Enter `NO` if you want to use the Mail directory. VMSINSTAL displays:

```
* You are halting the installation - is this correct [NO]?
```

Enter `YES` to abort the installation. Otherwise, press RETURN to continue.

STEP 22: Specify the node whose Message Router you want to use

Message Router node name: ....

If you want to use a Message Router on another system, VMSINSTAL displays:

```
* What node is the Message Router on:
```

Enter the node name of the computer system whose Message Router you want to use. The following message is displayed:

```
The Message Router mailbox name has been set up to be <mailbox>.
If you wish to change the name you must create the file :

     OA$SITE_BUILD_SHARE:A1V24_SITE_START.COM

Change the definition of the logical name OA$MTI_MAILBX and then
when you run the MRMAN utility use this new name to define the
mailbox.
```

where <mailbox> is the name of ALL-IN-1 Message Router mailbox (usually A1).

VMSINSTAL goes to STEP 25.

STEP 23: Specify the level of use of the Mail directory

Level of use of Mail directory: ....

To help you decide on the level of Mail directory support, see Section 1.5.3.1.

If you chose to integrate with Message Router, and it is on this system, VMSINSTAL displays:

```
* What level of Mail directory support do you want [0/1/2] [0]:
```

Enter `0` if you do not want to use Mail directory addressing. VMSINSTAL goes to STEP 24.

Enter `1` if you want to use ALL-IN-1 directory addressing as the primary directory. The Mail directory can still be accessed from the Message Header menu.

Enter `2` if you want to use Mail directory addressing as the primary directory. ALL-IN-1 directory addressing can still be accessed from the Message Header menu.

If you are performing an update installation, and your ALL-IN-1 system currently uses a local Message Router with Mail directory support (that is, OA$DDS_PRIME is set to 1 or 2), VMSINSTAL displays the following message, and then continues at STEP 24:

```
 As this is an update you will not be asked for a Mail directory password
```

If you are performing a new installation, or your ALL-IN-1 system currently uses a local Message Router without Mail directory support (that is, OA$DDS_PRIME is set to 0), VMSINSTAL displays:

```
* Enter password for the Mail directory user agent account:
```

Enter the password for the Mail directory user agent entry (minimum six characters, maximum eight characters).

VMSINSTAL asks you to confirm the password:

```
* Please confirm the Mail directory password specified:
```

Enter the password again.

STEP 24: Specify the password for the ALL-IN-1 Message Router mailbox

If you are performing an upgrade or update installation, and your ALL-IN-1 system currently uses a local Message Router, VMSINSTAL displays the following message, and then continues at STEP 25:

```
As this is an update you will not be asked for a Message Router password
```

If you are performing a new installation, or your ALL-IN-1 system does not currently use a local Message Router, VMSINSTAL displays:

```
* What password do you want to use for the ALL-IN-1 Message Router mailbox:
```

Enter the password (minimum 8 characters, maximum 32 characters). VMSINSTAL asks you to confirm this password:

```
* Please confirm the password you have specified:
```

Enter the password again.

VMSINSTAL sets up this password. This password must then be supplied by any processes that want to connect to the ALL-IN-1 Message Router mailbox. When VMSINSTAL sets up this password, the following message may be displayed:

```
%Could not add entry <mailbox> from MRMAN
```

where <mailbox> is the name of ALL-IN-1 Message Router mailbox (usually A1).

This message means that the mailbox for ALL-IN-1 is already set up in the Message Router Transfer Service database, and although the mailbox password has been changed in your ALL-IN-1 database, it has not been changed in the Message Router Transfer Service database.

If this happens, you must run the Transfer Service Management utility, MRMAN, to change the mailbox password in the Message Router Transfer Service database (see the *ALL-IN-1 Mail Management Guide*) after the installation has completed.

☐ STEP 25: Indicate whether or not you want to translate outgoing WPS-PLUS and DX messages to ASCII

Translate outgoing WPS-PLUS and DX messages to ASCII? ....

VMSINSTAL displays:

```
* Do you want to translate outgoing WPS-PLUS and DX messages to ASCII [NO]?
```

Enter `YES` if:

> Your users will be sending messages to DECmail. However, if your users send messages to DECmail users occasionally, you may want to enter NO, and ask your users to use EDT to send to DECmail if necessary. If you answer YES to this prompt, all messages will be translated to ASCII, whether or not they are sent to DECmail users.
> or:
> Your users will be sending messages to VMSmail through Version 2.0 or an earlier version of the Message Router VMSmail Gateway. This situation may occur if you are using a remote Message Router VMSmail Gateway.

ALL-IN-1 will then convert any outgoing messages to ASCII.

If your users will not be sending messages to DECmail, or your ALL-IN-1 system will use Version 2.1 of the Message Router VMSmail Gateway, or higher, press RETURN. ALL-IN-1 will then exchange any messages in the same form in which they were created.

STEP 26: Check the Mandatory and Optional Software Prerequisites

VMSINSTAL carries out various checks at this stage.

If you are not installing an additional language, VMSINSTAL displays:

```
%A1L<lang>-I-CHKSWPR, Checking MANDATORY and OPTIONAL SW prerequisites
```

```
%A1L<lang>-I-CHKQUOT, Checking process quotas for the current process
```

If you are installing an additional language, VMSINSTAL displays:

```
%A1L<lang>-I-CHKSWPR, Checking MANDATORY SW prerequisites
```

If you are performing an upgrade or update installation, VMSINSTAL displays:

```
%A1L<lang>-I-CHKLNAM, Checking ALL-IN-1 logical names
```

If you are not installing an additional language, VMSINSTAL displays:

```
%A1L<lang>-I-CHKIDNT, Checking ALL-IN-1 general identifiers
```

VMSINSTAL checks that the identifier OA$ADMIN does not exist. This identifier is used for the ALL-IN-1 administrator and must be used only with ALL-IN-1. If you have created this identifier for something other than ALL-IN-1, you must rename your existing OA$ADMIN identifier.

Note *OA$ADMIN allows access to ALL-IN-1 files that are not normally accessible to non-privileged users.*

VMSINSTAL also checks that the identifier OA$PRVAPP does not exist. This identifier is used for ALL-IN-1 application programmers and must be used only with ALL-IN-1. If you have created this identifier for something other than ALL-IN-1, you must rename your existing OA$PRVAPP identifier.

If the OA$ADMIN identifier exists, and you are performing an upgrade or update installation, VMSINSTAL displays:

```
%A1L<lang>-I-GENIDOK, General identifier OA$ADMIN will be used from the
    previous installation.
```

If the OA$ADMIN identifier exists, and you are performing a new installation, VMSINSTAL displays information relating to OA$ADMIN, together with the prompt:

```
* Do you want to use the existing general identifier OA$ADMIN [YES]?
```

Enter NO if your existing OA$ADMIN identifier is used for something other than ALL-IN-1. In this case, the installation will fail after all other checks have been made.

Press RETURN if you are sure that:

- The OA$ADMIN identifier is created only for ALL-IN-1
- There are no holders of this identifier outside ALL-IN-1
- This identifier is not specified in any Access Control List (ACL) outside ALL-IN-1

If the OA$PRVAPP identifier exists, and you are performing an upgrade or update installation, VMSINSTAL displays:

```
%A1L<lang>-I-GENIDOK, General identifier OA$PRVAPP will be used from the
    previous installation.
```

If the OA$PRVAPP identifier exists, and you are performing a new installation, VMSINSTAL displays information relating to OA$PRVAPP, together with the prompt:

```
* Do you want to use the existing general identifier OA$PRVAPP [YES]?
```

Enter NO if your existing OA$PRVAPP identifier is used for something other than ALL-IN-1. In this case, the installation will fail after all other checks have been made.

Press RETURN if you are sure that:

- The OA$PRVAPP identifier is created only for ALL-IN-1
- There are no holders of this identifier outside ALL-IN-1
- This identifier is not specified in any ACL outside ALL-IN-1

If you are not installing an additional language, VMSINSTAL displays:

```
%A1L<lang>-I-CHKTRAC, Checking ALL-IN-1 transfer accounts
```

If you are performing an installation, and the accounts A1$XFER_IN and A1$XFER_OUT already exist, the following is displayed:

```
VMS account named A1$XFER_IN, which should be used for ALL-IN-1
purposes only, was already created before this installation.

You have two options:

 1. Answer YES if you want the existing A1$TRANSFER account to be used
    for ALL-IN-1 pruposes ONLY.  Note that in this case, some characterists
    of the account (e.g. UIC, PASSWORD, ACCESS type) may be changed during
    the installation.
 2. Answer NO to stop the installation, correct the problem and then start
    again.

* Do you want to use the existing A1$XFER_IN account [NO]?
```

Press RETURN if you do not want to use the existing TRANSFER_INCOMING account.

Enter YES to continue. VMSINSTAL displays:

```
VMS account named A1$XFER_OUT, which should be used for ALL-IN-1
purposes only, was already created before this installation.

You have two options:

 1. Answer YES if you want the existing A1$TRANSFER account to be used
    for ALL-IN-1 pruposes ONLY.  Note that in this case, some characterists
    of the account (e.g. UIC, PASSWORD, ACCESS type) may be changed during
    the installation.
 2. Answer NO to stop the installation, correct the problem and then start
    again.

* Do you want to use the existing A1$XFER_OUT account [NO]?
```

Press RETURN if you do not want to use the existing TRANSFER_OUTGOING account.

Enter YES to continue. VMSINSTAL displays:

```
%A1L<lang>-I-CHKVMSV, Checking VAX/VMS version
%A1L<lang>-I-CHKLIBS, Checking required shareable libraries are installed
%A1L<lang>-I-CHKFMSV, Checking VAX/FMS version
%A1L<lang>-I-CHKMROV, Checking Message Router version
```

For all installations, VMSINSTAL displays:

```
%A1L<lang>-I-CHKPARA, Checking system parameters
```

If no errors are detected, the installation continues.

If you are upgrading your current ALL-IN-1 system to ALL-IN-1 Version 2.4, VMSINSTAL goes to STEP 34.

If you are updating your existing ALL-IN-1 Version 2.4 system, or ALL-IN-1 STARTER Version 2.4 system to ALL-IN-1 Version 2.4, VMSINSTAL goes to STEP 34.

If you are performing an additional language installation, VMSINSTAL goes to STEP 29.

If any software checks fail, VMSINSTAL displays:

```
During the check phase following <n> errors are discovered:
        SHAREABLE LIBRARY FILES:
Shareable library file <filename> is NOT installed.
   .
   .
   .
        MESSAGE FILES:
Message file <filename> is NOT installed.
   .
   .
   .
   This installation will fail due to mismatched software
   prerequisites. However, you may continue and check the DISK SPACE
   requirements before the installation procedure terminates.
   Otherwise, stop the installation here and correct the reported
   problems before starting again.

* Do you want to continue [YES]?
```

<n> is the number of sofware errors detected, and <filename> is the name of the file that is not installed.

Press RETURN to continue to check the disk space requirements. VMSINSTAL goes to STEP 29, after which VMSINSTAL aborts.

Enter NO if you do not want to continue. VMSINSTAL displays:

```
%A1L<lang>-E-RETRY1, Please correct any reported problem(s) before attempting
%A1L<lang>-E-RETRY2, to install ALL-IN-1.

%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.
        VMSINSTAL procedure done at <hh:mm>
```

You must correct the error(s) and install ALL-IN-1 Version 2.4 again. Check the prerequisites given in Chapter 1.

☐ STEP 27: Specify the device to hold the ALL-IN-1 shared library files

Device to hold shared library files: ....

VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 shared library files [SYS$SYSDEVICE:]:
```

Enter the logical name of the device to hold the ALL-IN-1 shared library files in OA$LIB. Press RETURN to accept the default of SYS$SYSDEVICE:.

You can use either a physical or logical device name. Digital recommends that you use a logical name for the device as users do not have to be concerned with the physical location of the volumes. Do not use a logical name that points to a search list. For example, do not use SYS$SYSROOT, SYS$SPECIFIC, or SYS$COMMON. Also, logical device names must not begin with A1$ or OA$.

If you enter an incorrect device specification, the following prompt is displayed:

```
%A1L<lang>-W-NODEVICE, That device doesn't exist on your system
* Do you want to select another device to hold the ALL-IN-1  LIB_SHARE
    files ? [NO]?
```

If you answer YES, VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 shared library files    :
```

Enter the logical name of the device to hold the ALL-IN-1 shared library files in OA$LIB.

If there is insufficient disk space for the shared library files, VMSINSTAL displays:

```
There is NOT enough diskspace on <device>: to provide LIB_SHARE files.
Please provide AT LEAST <nnnn> free blocks more on <device>: and restart
the installation, or choose another device to transfer LIB_SHARE files.

* Do you want to select another device to hold the ALL-IN-1  LIB_SHARE
    files ? [NO]?
```

Enter YES to select another device. VMSINSTAL prompts you to enter the logical name of the device.

Press RETURN if you do not want to select another device.

STEP 28: Specify the device to hold the ALL-IN-1 shared data files

Device to hold shared data files: ....

VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 shared data files [<device>:]:
```

Enter the logical name of the device to hold the ALL-IN-1 shared data files in OA$DATA. Press RETURN to accept the default device which you specified at STEP 27.

You can use either a physical or logical device name. Digital recommends that you use a logical name for the device as users do not have to be concerned with the physical location of the volumes. Do not use a logical name that points to a search list. For example, do not use SYS$SYSROOT, SYS$SPECIFIC, or SYS$COMMON. Also, logical device names must not begin with A1$ or OA$.

If you enter an incorrect device specification, the following prompt is displayed:

```
%A1L<lang>-W-NODEVICE, That device doesn't exist on your system
* Do you want to select another device to hold the ALL-IN-1  DATA_SHARE
    files ? [NO]?
```

Enter `YES` to select another device. VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 shared data files    :
```

Enter the logical name of the device to hold the ALL-IN-1 shared data files in OA$DATA.

If there is insufficient disk space for the shared data files, VMSINSTAL displays:

```
There is NOT enough diskspace on <device>: to provide DATA_SHARE files.
Please provide AT LEAST <nnnn> free blocks more on <device>: and restart
the installation, or choose another device to transfer DATA_SHARE files.

* Do you want to select another device to hold the ALL-IN-1  DATA_SHARE
    files ? [NO]?
```

Enter `YES` to select another device. VMSINSTAL prompts you to enter the logical name of the device.

Press RETURN if you do not want to select another device.

☐ STEP 29: Specify the device to hold the ALL-IN-1 language files

Device to hold the language files: ....

VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 <lang> language files [<device>:]:
```

Enter the logical name of the device to hold the ALL-IN-1 language files for the language being installed. Otherwise, press RETURN to accept the default:

> If you are performing a new installation, the default device is that which you specified at STEP 28.
> If you are performing an additional language installation, the default device is SYS$SYSDEVICE.

You can use either a physical or logical device name. Digital recommends that you use a logical name for the device as users do not have to be concerned with the physical location of the volumes. Do not use a logical name that points to a search list. For example, do not use SYS$SYSROOT, SYS$SPECIFIC, or SYS$COMMON. Also, logical device names must not begin with A1$ or OA$.

If you enter an incorrect device specification, the following prompt is displayed:

```
%A1L<lang>-W-NODEVICE, That device doesn't exist on your system
* Do you want to select another device to hold the ALL-IN-1  LLV files ? [NO]?
```

Enter YES to select another device. VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 <lang> language files    :
```

Enter the logical name of the device to hold the ALL-IN-1 language files for the language being installed.

If you are performing an additional language installation, VMSINSTAL goes to STEP 34.

If there is insufficient disk space for the language files, VMSINSTAL displays:

```
There is NOT enough diskspace on <device>: to provide LLV files.
Please provide AT LEAST <nnnn> free blocks more on <device>: and restart
the installation, or choose another device to transfer LLV files.

* Do you want to select another device to hold the ALL-IN-1  LLV files ? [NO]?
```

Enter YES to select another device. VMSINSTAL prompts you to enter the logical name of the device.

Press RETURN if you do not want to select another device.

STEP 30: Specify the device to use for the ALL-IN-1 mail area SDAF file, OA$DATA:OA$DAF_E.DAT

Device to hold Mail area SDAF file: ....

ALL-IN-1 Version 2.4 allows you to have up to five mail areas (A to E). Each mail area consists of an SDAF and a number of shared directories. The installation of ALL-IN-1 Version 2.4 creates mail area E. That is, the SDAF file OA$DAF_E.DAT and shared directories SHAREnnnn are created, where nnnn is a number in the range 1 to 9999.

VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 mail area SDAF file [<device>:]:
```

Enter the logical name of the device you would like to use for the ALL-IN-1 mail area SDAF file. Press RETURN to accept the default device which you specified at STEP 29.

You can use either a physical or logical device name. Digital recommends that you use a logical name for the device as users do not have to be concerned with the physical location of the volumes. Do not use a logical name that points to a search list. For example, do not use SYS$SYSROOT, SYS$SPECIFIC, or SYS$COMMON. Also, logical device names must not begin with A1$ or OA$.

If you enter an incorrect device specification, the following prompt is displayed:

```
%A1L<lang>-W-NODEVICE, That device doesn't exist on your system
* Do you want to select another device to hold the ALL-IN-1 mail area SDAF
    file ? [NO]?
```

Enter `YES` to select another device. VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 mail area SDAF file    :
```

Enter the logical name of the device you would like to use for the ALL-IN-1 mail area SDAF file.

If there is insufficient disk space for the mail area SDAF file, VMSINSTAL displays:

```
There is NOT enough diskspace on <device>: to provide SDAF files.
Please provide AT LEAST <nnnn> free blocks more on <device>: and restart
the installation, or choose another device to transfer SDAF files.

* Do you want to select another device to hold the ALL-IN-1 mail area SDAF
    file ? [NO]?
```

Enter `YES` to select another device. VMSINSTAL prompts you to enter the logical name of the device.

Press RETURN if you do not want to select another device.

☐ STEP 31: Indicate how many shared directories you would like

Number of shared directories: ....

If you want to create more than 10 shared directories, Digital recommends that you select the default of 1. You can create the remaining number of shared directories after ALL-IN-1 Version 2.4 is installed (see the chapter on managing mail areas in the *ALL-IN-1 Management Guide*). The reason for this is that it is much quicker to create additional shared directories using the option provided in the management subsystem of ALL-IN-1 Version 2.4.

Note that the number of shared directories cannot exceed 9999. ALL-IN-1 uses the shared directories in rotation.

VMSINSTAL displays:

```
* How many shared directories do you want to create [1]:
```

Enter the number of shared directories you would like to create. If you want to use only one directory, press RETURN.

STEP 32: Specify a device for each shared directory

Device for each shared directory:

....	....
....	....
....	....
....	....
....	....

If possible, Digital recommends that you spread the shared directories across several disks. This improves the performance of ALL-IN-1.

VMSINSTAL asks for the device name for each shared directory as follows:

```
* What device would you like to use for shared directory SHARE<n> [<device>]:
```

<n> is in the range one to the number you specified in STEP 31, and <device> represents the device you entered either in STEP 30 or for the previous shared directory.

Enter the device required. This question is repeated until you have answered it for all the shared directories you specified.

You can use either a physical or logical device name. Digital recommends that you use a logical name for the device as users do not have to be concerned with the physical location of the volumes. Logical device names must not begin with A1$ or OA$.

If you enter an incorrect device specification, the following prompt is displayed:

```
%A1L<lang>-W-NODEVICE, That device doesn't exist on your system
* Do you want to select another device to hold the shared file cabinet
    SHARE<n> ? [NO]?
```

Enter `YES` to select another device. VMSINSTAL displays:

```
* Which device will hold the ALL-IN-1 shared directory SHARE<n>    :
```

Enter the device required. This question is repeated until you have answered it for all the shared directories you specified.

If there is insufficient disk space for the shared directories, VMSINSTAL displays:

```
There is NOT enough diskspace on <device>: to create shared area SHARE<n>
please provide AT LEAST <nnnn> free blocks more on <device>: and restart
the installation, or choose another device to create shared area SHARE<n>.

* Do you want to select another device to create shared file cabinet
    SHARE<n> [NO]?
```

Enter `YES` to select another device. VMSINSTAL prompts you to enter the logical name of the device.

Press RETURN if you do not want to select another device.

If all disk space prerequisites are satisfied, VMSINSTAL displays:

```
NO missing DISK SPACE prerequisites discovered.
```

If any errors were found during the software checks (STEP 26), VMSINSTAL displays:

```
%A1L<lang>-E-RETRY1, Please correct any reported problem(s) before attempting
%A1L<lang>-E-RETRY2, to install ALL-IN-1.

%VMSINSTAL-E-INSFAIL, The installation of A1 V2.4 has failed.

        VMSINSTAL procedure done at <hh:mm>
```

☐ STEP 33: Identify or create a VMS account for ALL-IN-1

VMS user name for ALL-IN-1 manager's account: ....

ALL-IN-1 needs a VMS account for running the ALL-IN-1 management batch jobs. This VMS account has three ALL-IN-1 accounts:

– MANAGER

  This account allows you to perform the ALL-IN-1 management tasks.

– POSTMASTER

  This account is used for running the mail Sender and Fetcher.

– IVP

  This account allows you or the installation procedures to run the installation verification procedures (IVPs).

The ALL-IN-1 VMS account must have the following privileges: SYSPRV, SYSNAM, NETMBX, GRPNAM, OPER, TMPMBX, CMKRNL, EXQUOTA, WORLD, PRMMBX, PRMGBL, and SYSGBL. In addition, the account must have the same VMS process quotas as other ALL-IN-1 users (see Section 1.8).

Note *If your system is running VMS Version 5.2, or higher, the ALL-IN-1 manager's VMS account is created with the NODISUSER flag.*

If you are performing a new installation, VMSINSTAL displays:

```
* What VMS username do you want to use for ALL-IN-1 manager's account?
    [<account_name>]:
```

Press RETURN to use the default name ALLIN1.

Otherwise, enter the name you want to use. Refer to the VMS manual describing the Authorize Utility for a list of valid characters that can be used for the user name.

If the account does not exist, VMSINSTAL goes to STEP 35.

STEP 34: Indicate the existing VMS username for the ALL-IN-1 account

If you are performing an upgrade or update installation, or an additional language installation, VMSINSTAL displays:

```
* What is the existing VMS username for the ALL-IN-1 account [ALLIN1]:
```

Press RETURN to use the default name ALLIN1.

Otherwise, enter the name you want to use. Refer to the VMS manual describing the Authorize Utility for a list of valid characters that can be used for the user name.

Details of the ALL-IN-1 account are displayed if you are:

- Performing a new installation and the account already exists
- Performing an upgrade installation
- Performing an update installation
- Installing an additional language
- Updating an existing language

The details displayed are as follows:

```
OWNER       =   <owner>
USERNAME    =   <username>
UIC         =   <UIC>
ACCOUNT     =   <account>
PRIVS       =   <privileges>
PRIORITY    =   <priority>
DIRECTORY   =   <device:[directory]>
```

Also, the following prompt is displayed:

```
* Are you sure all the specified account's characteristics are correct? [YES]?
```

Press RETURN if you want to use this account. VMSINSTAL:

- Goes to STEP 36 if you are performing a new installation, and you created an ALL-IN-1 account before starting the installation
- Goes to STEP 36 if you are performing an upgrade installation
- Goes to STEP 45 if you are performing an update installation
- Goes to STEP 42 if you are installing an additional language
- Goes to STEP 45 if you are updating an existing language

Enter `NO` if you do not want to use this account. VMSINSTAL prompts you again for the username.

Enter the username.

STEP 35: Specify the password for the ALL-IN-1 manager's VMS account

If VMSINSTAL is to create a VMS account for ALL-IN-1, it prompts you for a password:

```
* What password do you want to use for this account:
```

Since this account is privileged, choose a password that is not easy to guess. The password you specify is checked by VMSINSTAL to ensure that it does not contain any obvious character strings; for example "ALLIN1". (Two VMS accounts, A1$XFER_IN and A1$XFER_OUT, are created during the installation with the password that you specify here.)

You are then asked to confirm the password. Enter your password again.

VMSINSTAL goes to STEP 37.

STEP 36: Specify the password for the ALL-IN-1 transfer user accounts

Two VMS accounts, A1$XFER_IN and A1$XFER_OUT, are created. These accounts are used for transferring users to other systems. ALL-IN-1 logs in to these accounts, which are on the same disk as the ALL-IN-1 manager's account.

VMSINSTAL displays:

```
* What password do you want to use for the ALL-IN-1 TRANSFER accounts:
```

Enter the password that you want to use for the Transfer User accounts. (The password is used for both accounts.)

You are asked to confirm the password as follows:

```
* Please confirm the password you have specified:
```

Enter the password again.

If you are performing an upgrade installation, VMSINSTAL goes to STEP 39.

STEP 37: Specify the UIC for the ALL-IN-1 manager's VMS account

UIC: [____________ , ____________]

VMSINSTAL displays:

```
* What UIC do you want to use for the account <account_name>:
```

where `<account_name>` is the name of the ALL-IN-1 manager's VMS account that you specified in STEP 33.

You must enter a unique UIC, with a system group number.

Note *All the ALL-IN-1 shared library files, shared data files, and shared documents are owned by this UIC. Therefore, if disk quota checking is enabled on any of the devices used for ALL-IN-1 areas, this UIC must have a suitably large quota.*

If you enter an invalid UIC, VMSINSTAL displays:

```
To be classified as a System UIC group member, the ALL-IN-1 manager's account

must have the group number in the range 1 through <max_sys_group>.

If you do not want to continue with this installation then answer NO to the
next question.

* Do you want to select another UIC value:
```

where <max_sys_group> is the maximum group number for a system UIC (MAXSYSGROUP) defined on your system. The default is 10.

Enter `NO` if you do not want to enter another UIC value. VMSINSTAL aborts.

Enter `YES` if you want to enter another UIC value. VMSINSTAL prompts you to enter another UIC.

STEP 38: Specify the device and directory for the ALL-IN-1 manager's VMS account

Device for the ALL-IN-1 manager's account: ....

Directory for the ALL-IN-1 manager's account: ....

VMSINSTAL displays:

```
* What default device do you want for the ALL−IN−1 Manager's account?
    [SYS$SYSDEVICE:]:
```

Press RETURN to use the default SYS$SYSDEVICE:. Otherwise, enter the name. You can use either a physical or logical device name. Logical device names must not begin with A1$ or OA$.

The following prompt is displayed:

```
* What default directory do you want to use for ALL−IN−1 Manager's account?
    [<directory>]:
```

Press RETURN to use the default directory [ALLIN1].

If you want to use a different directory, enter the name of the directory.

STEP 39: Specify the UICs for the ALL-IN-1 transfer user accounts

A1$XFER_IN UIC: [____________ , ____________]

A1$XFER_OUT UIC: [____________ , ____________]

If the transfer user accounts do not exist, VMSINSTAL displays:

```
* What UIC do you want for the A1$XFER_IN account?:
```

Enter a non-system UIC for the account.

VMSINSTAL displays:

```
* What UIC do you want for the A1$XFER_OUT account?:
```

Enter a non-system UIC for the account.

The UIC for each of these accounts need not have the same system group number.

If the transfer user accounts already exist, the UICs of the transfer user accounts are checked. If the UICs are system UICs, the following prompt is displayed:

```
UIC <uic> must be between <uicgroup> and 377776

* Do you want to select another UIC for <account> account [YES]?
```

where <uic> is the UIC of the existing transfer user account, <uicgroup> is max_sys_group + 1 (max_sys_group is the highest system group UIC), and <account> is the name of the transfer user account (that is, A1$XFER_IN or A1$XFER_OUT).

If you are performing a new installation, and you created an ALL-IN-1 account before starting the installation, VMSINSTAL goes to STEP 45.

If you are performing an upgrade installation, VMSINSTAL goes to STEP 45.

☐ STEP 40: Specify the directory to hold the shared library files, in OA$LIB

Directory for the shared library files: ....

VMSINSTAL asks you for the name of the directory to hold the shared library files:

```
* Enter ALL-IN-1 top-level directory required for the shared library files
    [<directory>]:
```

Press RETURN to use the default directory <directory>, where <directory> is the name of the ALL-IN-1 account you specified at STEP 38. Otherwise, enter the name of the directory.

☐ STEP 41: Specify the directory to hold the shared data files, in OA$DATA

Directory for the shared data files: ....

VMSINSTAL asks you for the name of the directory to hold the shared data files:

```
* Enter ALL-IN-1 top-level directory required for the shared data files
    [<directory>]:
```

Press RETURN to use the default directory which you specified at STEP 40. Otherwise, enter the name of the directory.

STEP 42: Specify the directory to hold the language files

Directory for the language files: ....

VMSINSTAL asks you for the name of the directory to hold the language files, where <language> is the language that you are installing.

- If you are performing a new installation, VMSINSTAL displays:

```
* Enter ALL-IN-1 top-level directory required for all <lang> language
    files [<directory>]:
```

  Press RETURN to use the default directory which you specified at STEP 41. Otherwise, enter the name of the directory.

- If you are performing an additional language installation, VMSINSTAL displays:

```
* Enter ALL-IN-1 sub-directory required for the <lang> language files
    [<directory>]:
```

  Press RETURN to use the default directory [ALLIN1]. Otherwise, enter the name of the directory.

  VMSINSTAL goes to STEP 45.

STEP 43: Specify the directory to hold the mail area SDAF file OA$DATA:OA$DAF_E.DAT

Directory for the Mail area SDAF file: ....

VMSINSTAL asks you for the name of the directory to hold the SDAF file:

```
* Enter ALL-IN-1 top-level directory required for the mail area SDAF file
    [<directory>]:
```

Press RETURN to use the default directory which you specified at STEP 42. Otherwise, enter the name of the directory.

STEP 44: Specify the directory to hold the shared directories

Directory to hold the shared directories on each device:

```
Device                       Directory
...........................  ..............................
...........................  ..............................
...........................  ..............................
...........................  ..............................
...........................  ..............................
```

VMSINSTAL asks for the directory names to hold the shared directories on each device specified in STEP 32:

```
* Enter the name required for the SHARED DIRECTORY on <device>:? [<directory>]:
```

Press RETURN to select the default directory. Otherwise, enter the directory required. This question is repeated until you have answered it for all the devices you specified.

STEP 45: Indicate whether or not you want to run the IVPs

Do you want to run the IVPs? ....

VMSINSTAL displays:

```
* Do you want to run the IVP after the installation [YES]?
```

Enter `NO` if you do not want to run the IVP after the installation.

Press RETURN if you want to run the IVP after the installation. The IVP is run automatically at the end of the installation. Any messages output by the IVP are either printed on your hardcopy terminal or inserted into the log file, depending on your choice of media for the log of the installation.

Note *Digital recommends that you run the IVP after installation.*

VMSINSTAL displays the following message:

```
%A1L<lang>-I-ASKDONE, All questions have now been completed.
%A1L<lang>-I-SOMTIME, The installation will now continue for some time.
    No further action is required.
```

If you are upgrading from ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0, and the installation is being performed in Safety mode, the following message is displayed:

```
File [.DATA_SHARE]PROFILE.DAT prepared to be renamed to
    [.DATA_SHARE]V23_PROFILE.DAT
```

The ALL-IN-1 Version 2.3 file, PROFILE.DAT, is renamed to V23_PROFILE.DAT at a later stage of the installation.

If you are upgrading from ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0, and the installation is being performed in Non-Safety mode, the ALL-IN-1 Version 2.3 file, PROFILE.DAT, is renamed to V23_PROFILE.DAT and the following message is displayed:

```
File [.DATA_SHARE]PROFILE.DAT renamed to [.DATA_SHARE]V23_PROFILE.DAT
```

If you were asked to enter a language code (see STEP 10), VMSINSTAL goes to STEP 47.

If you are installing an additional language, or upgrading or updating an existing language, VMSINSTAL goes to STEP 47.

STEP 46: Load the distribution media—Sequence 3

VMSINSTAL displays:

```
%A1L<lang>-I-ONEMEDEX, One more media exchange required, before
    installation can continue unaided.
%VMSINSTAL-I-RESTORE, Restoring product saveset C . . .
   .
   .
   .
```

There may be a delay of up to two hours, depending on the configuration of your system, before the media change is required. VMSINSTAL then displays the following:

```
Media <device>:A13024 dismounted. (MEDIA CHANGE REQUIRED):
Dismounted media labeled A13024. Please mount the BASE kit media which
is labeled A11024 and reply to the prompt below. (Answer NO to exit).

* Type YES when correct media mounted, NO to terminate installation?
```

Mount the first volume of the distribution media again. This is the volume labeled:

ALL-IN-1 V2.4 BASE BIN media_type
INTERNATIONAL BASE
(c) 1989 Digital Equipment Corp.

media_type is 16MT9 for tape and TK50 for a TK50 cartridge.

When you have mounted the volume, enter YES. VMSINSTAL tries to mount the distribution volume. If it succeeds, the following message is displayed:

```
%MOUNT-I-MOUNTED, A11024 mounted on <device>:
%A1-I-MEDEXCH, Media changed from A1L<lang>024, to A1024
%VMSINSTAL-I-RESTORE, Restoring product saveset B . . .
    .
    .
    .
```

where <lang> is the language being installed.

STEP 47: Wait for the installation to complete

VMSINSTAL has now obtained all the information it requires.

VMSINSTAL displays:

```
%A1-I-A1LINK, Starting to link images
```

The installation proceeds unassisted. It displays messages as it completes tasks or runs into difficulties. The installation may take several hours, depending on the size and load of the system you are using.

If you chose to run the IVPs, the IVPs run at the end of the installation.

If you chose to integrate WPS-PLUS, the spell check facility is installed with it. If you also chose to run the IVP for this facility, the IVP runs at the end of the installation.

If the IVPs are run at the end of the installation, and they are successful, the following message is displayed:

```
%A1IVP-I-IVPPASS, The IVPs for ALL-IN-1 V2.4 have passed.
```

STEP 48: Complete installation

When VMSINSTAL has finished installing ALL-IN-1, it displays:

```
Installation of A1 V2.4 completed at <hh:mm>
```

If you invoked VMSINSTAL without specifying any parameters (see STEP 1), VMSINSTAL displays:

```
Enter the products to be processed from the next distribution volume set.
* Products:
```

```
VMSINSTAL procedure done at <hh:mm>
```

<hh:mm> is the current time.

Enter `EXIT`, or press CTRL/Z to exit from VMSINSTAL.

Note that VMSINSTAL deletes or changes entries in the process symbol tables during the installation. Therefore, if you are going to continue using the system manager's account and you want to restore these symbols, you must log out and log in again.

Carry out the tasks described in Chapter 14 to set up ALL-IN-1 ready for use.

14

After Installing ALL-IN-1 V2.4

This chapter describes the tasks to complete so that ALL-IN-1 can be run by users.

Table 14–1 indicates the sections that you need to refer to in this chapter for the type of installation that you are performing.

Table 14–1 Section Reference Chart

Installation Type	Sub-sections													
	1	2,3	4	5	6,7 & 8	9,10	11	12,13	14	15,16	17	18	19,20†	21
New ALL-IN-1 V2.4 installation	*				*	*	*	*				*	*	*
ALL-IN-1 V2.4 additional language installation					*		*							*
Upgrade from ALL-IN-1 V2.3		*	*	*	*	*	*	*	*	*	*	*	*	*
Upgrade of an ALL-IN-1 V2.3 language					*		*							*
Upgrade from ALL-IN-1 STARTER V1.0		*	*	*	*	*	*	*	*			*	*	*

* Indicates that you need to refer to this section
† refer to this section if your users are currently using WPS-PLUS/VMS

(continued on next page)

Table 14–1 (Cont.) Section Reference Chart

Installation Type	Sub-sections													
	1	2,3	4	5	6,7 & 8	9,10	11	12,13	14	15,16	17	18	19,20†	21
Upgrade of an ALL-IN-1 STARTER V1.0 language					*		*							*
Update of ALL-IN-1 STARTER V2.4			*		*	*	*	*				*	*	*
Update of an ALL-IN-1 STARTER V2.4 language					*		*							*
Update of ALL-IN-1 V2.4					*	*	*	*		*		*	*	*
Update of an ALL-IN-1 V2.4 language					*		*							*

* Indicates that you need to refer to this section
† refer to this section if your users are currently using WPS-PLUS/VMS

14.1 Replace the DCLTABLES on VAXcluster Systems

If you are installing ALL-IN-1 Version 2.4 on a VAXcluster system, you must replace the DCLTABLES on the nodes in the cluster that are not being used to install ALL-IN-1 Version 2.4. Enter the following commands on each of these nodes:

```
$  INSTALL
INSTALL>  REPLACE SYS$SHARE:DCLTABLES /OPEN /SHARE -
_INSTALL>  /HEAD_RES
INSTALL>  EXIT
```

You need only do this once after you have installed ALL-IN-1 Version 2.4.

The ALL-IN-1 installation procedure does this automatically for the node on which you are installing ALL-IN-1 Version 2.4.

14.2 Convert the User Profiles

An extra field has been added to the ALL-IN-1 Version 2.4 user profile master file. During installation the ALL-IN-1 Version 2.3 file, PROFILE.DAT, is renamed to V23_PROFILE.DAT, and a new PROFILE.DAT file is created. Therefore, you must convert entries in V23_PROFILE.DAT to entries in the new PROFILE.DAT. Do this by entering the following commands:

```
$  ALLIN1/NOINITIALIZATION
Enter CMD:  OA$FLO_OPEN OA$LIB:MANAGER
Enter CMD:  OA$CNV_CONVERT V23_PROFIL, PROFIL
Enter CMD:  EXIT
```

14.3 Update the License Count and Subscriber Count for ALL-IN-1

If you have a subscriber license (ALLIN1-PERSONAL), you must initialize the license count and subscriber count for ALL-IN-1. Do this as follows:

1. From ALL-IN-1, enter `MGT MAL`
2. Enter `UCL` to initialize the license count
3. Enter `UNA` to initialize the subscriber count
4. Enter `EXIT`

14.4 Delete Files That Are No Longer Required

If you upgraded from ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0, or updated from ALL-IN-1 Version 2.4, various files remain in the SYSTEM directories. You can delete these files to increase your disk space. The files are:

- For an ALL-IN-1 Version 2.3 upgrade:

  SYS$HELP:A1023.RELEASE_NOTES
  SYS$HELP:A1Llang023.RELEASE_NOTES
  SYS$HELP:A1Cmarket023.RELEASE_NOTES, if available
  SYS$MANAGER:A1V23START.COM

- For an ALL-IN-1 STARTER Version 1.0 upgrade:

  SYS$HELP:AS010.RELEASE_NOTES
  SYS$HELP:ASLlang010.RELEASE_NOTES
  SYS$HELP:ASCmarket010.RELEASE_NOTES (if available)
  SYS$MANAGER:AS010START.COM
  SYS$MANAGER:AS010_PRE_V23UPGRADE.COM
  SYS$MANAGER:OA$FORMATTER_START.COM

- For an ALL-IN-1 STARTER Version 2.4 update:

  SYS$HELP:AS024.RELEASE_NOTES
  SYS$HELP:ASLlang024.RELEASE_NOTES
  SYS$HELP:ASCmarket024.RELEASE_NOTES (if available)
  SYS$MANAGER:AS024START.COM
  SYS$MANAGER:AS024_PRE_V24UPGRADE.COM
  SYS$MANAGER:OA$FORMATTER_START.COM

14.5 Convert the Format of OA$DATA_SHARE: SM_USED_UIC.DAT

The format of the data file OA$DATA_SHARE:SM_USED_UIC.DAT has changed from ALL-IN-1 Version 2.3 and ALL-IN-1 STARTER Version 1.0. If you are upgrading from one of these ALL-IN-1 systems, convert the data file as follows:

```
$  CONVERT/FDL=OA$LIB_SHARE:SM_USED_UIC OA$DATA_SHARE:SM_USED_UIC.DAT -
   OA$DATA_SHARE:SM_USED_UIC.DAT
$  PURGE OA$DATA_SHARE:SM_USED_UIC.DAT
```

14.6 Execute the ALL-IN-1 Startup Command Procedure

The ALL-IN-1 startup command procedure, SYS$MANAGER: A1V24START.COM, is supplied with ALL-IN-1. This startup command procedure must be executed before using ALL-IN-1. If you are running ALL-IN-1 on a VAXcluster system, you must execute the startup command procedure on every node in the cluster.

14.6.1 After a New Installation

If you are performing a new installation add the following command to the VMS system manager's site startup command procedure:

```
$ @SYS$MANAGER:A1V24START.COM device:[directory.DATA_SHARE]
```

where device:[directory.DATA_SHARE] is the location of the ALL-IN-1 Version 2.4 configuration file:

- device is the device that you specified for the ALL-IN-1 data files
- directory is the top-level directory that you specified for the ALL-IN-1 data files

You must include the location as part of the command.

This entry must be entered after the SYS$MANAGER:STARTNET.COM and SYS$MANAGER:MB$CONTROL START=(DDS,TS,...,ER) entries.

If you run A1V24START.COM from the DCL prompt, you need not enter the location. In this case you are prompted for the location as follows:

```
Enter the location of the file A1CONFIG.DAT:
```

Enter the location of the ALL-IN-1 Version 2.4 configuration file, A1CONFIG.DAT. Refer to the log of the installation for the location of A1CONFIG.DAT.

Note *If you are running ALL-IN-1 on a VAXcluster system, you must execute the ALL-IN-1 startup command procedure on each node in the cluster. Therefore, you must modify the entry in the startup command procedure on each node. You must also edit OA$BUILD_SHARE: OA$FORMATTER_START.COM, as specified in the command file itself.*

14.6.2 After an Upgrade Installation

If you are upgrading from ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0, or updating an ALL-IN-1 STARTER Version 2.4 system, make sure that the ALL-IN-1 environment is established after the system is shut down by replacing the following entries in the VMS system manager's site startup procedure:

$ @SYS$MANAGER:A1V23START.COM location	for ALL-IN-1 V2.3
$ @SYS$MANAGER:A1S010START.COM location	for ALL-IN-1 STARTER V1.0
$ @SYS$MANAGER:A1S024START.COM location	for ALL-IN-1 STARTER V2.4

Change the entry to:

$ @SYS$MANAGER:A1V24START.COM device:[directory.DATA_SHARE]

where device:[directory.DATA_SHARE] is the location of the ALL-IN-1 Version 2.4 configuration file:

- device is the device that you specified for the ALL-IN-1 data files
- directory is the top-level directory that you specified for the ALL-IN-1 data files

The location of A1CONFIG.DAT, is given in the log of the installation. You must include the location as part of the command.

This entry must be entered after the SYS$MANAGER:STARTNET.COM and SYS$MANAGER:MB$CONTROL START=(DDS,TS,...,ER) entries.

If you run A1V24START.COM from the DCL prompt, you need not enter the location. In this case you are prompted for the location as follows:

```
Enter the location of the file A1CONFIG.DAT:
```

Enter the location of the ALL-IN-1 Version 2.4 configuration file, A1CONFIG.DAT. Refer to the log of the installation for the location of A1CONFIG.DAT.

Note *If you are running ALL-IN-1 on a VAXcluster system, you must execute the ALL-IN-1 startup command procedure on each node in the cluster. Therefore, you must modify the entry in the startup command procedure on each node.*

One of the tasks performed by the startup command procedure is to start the mail Sender and Fetcher.

14.6.3 Site-Specific Startup Procedures

You must not edit the ALL-IN-1 startup command procedure A1V24START.COM. Instead, you must create your own startup command procedures:

- A1V24_SITE_START.COM

  This is the site-specific startup command procedure and must be placed in the OA$SITE_BUILD_SHARE directory. This command procedure is called by A1V24START.COM after all language-specific startup command procedures, if any.

  If you are upgrading from ALL-IN-1 Version 2.3, and you have a site-specific startup command procedure that you want to keep, rename it from A1V23_SITE_START.COM to A1V24_SITE_START.COM (see Section 1.8.18). You may also need to check the command procedure to ensure that it reflects the configuration of your ALL-IN-1 Version 2.4 system.

- OA$SITE_language_START.COM

  This is the language-specific startup command procedure and must be placed in the directory device:[directory.SITE.SOURCES_language] for the language concerned, where device is the device containing the language files, and directory is the name of the top-level directory of your ALL-IN-1 Version 2.4 system. If you are running a multilingual ALL-IN-1 system, you can have one of these command procedures for each language installed.

  Note *You can specify the directory for your default language using the logical name OA$SITE_BUILD_LLV.*

  If you are upgrading from ALL-IN-1 Version 2.3, you may also need to check the command procedure to ensure that it reflects the configuration of your ALL-IN-1 Version 2.4 system.

These command procedures, if present, are executed by the ALL-IN-1 startup command procedure, A1V24START.COM.

14.6.4 How to Handle Errors Relating to Images Not Installed

On startup, if any error messages are displayed relating to images that are not installed, use the Install Utility to install those images before executing this procedure again. For example:

```
$  INSTALL
INSTALL>  ADD SYS$SHARE:RDBSHR /OPEN /HEAD_RES /SHARED
```

The images that you must install in this way are those referenced by optional products that you have integrated with the ALL-IN-1 image. Examples are RDBSHR or ACMSHR, which may be referenced by DATATRIEVE and ACMS.

For more details of the Install Utility, see the VMS manual describing the Install Utility.

ALL-IN-1 can now be run with the ALLIN1 command qualifiers as follows:

```
$ ALLIN1[/qualifier[=argument][/qualifier[=argument]] ...]
```

There are a number of command-line qualifiers that you can use with the ALLIN1 command. These are described in the *ALL-IN-1 Management Guide*.

If you have installed an additional language, run ALL-IN-1 using the qualifier /LANGUAGE, where language is the name of the language that you have just installed (see the *ALL-IN-1 Installation Guide Part 2 Language Installation* for this language).

14.7 Compile and Install the TXLs

A text library (TXL) contains the most frequently used scripts and document templates. The TXL is installed as a VMS global section. This makes access faster and uses memory more efficiently. After installing ALL-IN-1, you must compile and install the ALL-IN-1 TXL and site-specific TXL.

If you chose to run the IVPs automatically after installation, and the IVPs complete successfully, the ALL-IN-1 TXL (and site-specific TXL) is already compiled and installed on the node that you used to install ALL-IN-1. If you installed ALL-IN-1 on a VAXcluster system, you must install the TXLs on the remaining nodes in the cluster.

If you need to compile and install the ALL-IN-1 TXL, do the following:

1. Enter the DCL command:

   ```
   $ DIRECTORY /SECURITY OA$LIB:A1TXL.TXL
   ```

   If the file does not exist carry out steps 2 to 5.

   Check that the protection of the TXL is set to:

   ```
   SYSTEM:RWED, OWNER:RWED, GROUP:RE, WORLD:RE
   ```

   If the protection is not set to this, use the SET FILE /PROTECTION command to change the protection.

2 Log in to the VMS account belonging to the ALL-IN-1 manager.

3 Enter the following commands:

```
$  ALLIN1 /NOINITIALIZE /LANGUAGE=language
Enter CMD:  DO OA$LIB:CM_CTX
```

where language is the language associated with the TXL to be compiled.

The following prompt is displayed:

```
Do you really want to compile the ALL-IN-1 TXL? [Y/N]?
```

If you want to compile and install the TXL, enter `YES`. The following message is subsequently displayed:

```
ALL-IN-1 TXL compiled and installed.
```

If you do not want to compile and install the TXL, enter `NO`.

4 When the script has finished, enter:

```
Enter CMD: EXIT
```

5 Check the protection of the TXL as described in step 1.

If you are upgrading from a customized ALL-IN-1 Version 2.3 system, you need to create a site-specific TXL. Compile and install it as follows:

1 Enter the ALL-IN-1 manager's ALL-IN-1 account:

```
$ ALLIN1 /USERNAME=MANAGER /LANGUAGE=language
```

2 Enter `MGT` to display the ALL-IN-1 Management menu.

3 Press NEXT SCREEN to display the second screen of the Management menu.

4 Enter `CSZ` to display the System Customization Management menu.

5 Enter `CCM` to compile the site-specific TXL.

ALL-IN-1 displays the following prompt:

```
Do you really want to compile the CDS TXL? [Y/N]
```

Enter `YES`.

The following message is subsequently displayed:

```
CDS TXL compiled and installed.
```

6 Exit ALL-IN-1 and set the protection of the site-specific TXL, OA$SITE_LIB_language:CMTXL.TXL, to the following:

SYSTEM:RWED OWNER:RWED GROUP:RE WORLD:RE

7 If you want the site-specific TXL installed in memory, repeat steps 1 to 5 and then answer Y to both prompts.

If ALL-IN-1 is later shut down you do not need to install the TXL again, as it is automatically installed when ALL-IN-1 starts up. However, if you need to install ALL-IN-1 again, you must also install the TXL(s) again.

If you have installed more than one language, you must compile and install the TXLs once for each language.

For details of the TXLs, see the *ALL-IN-1 Management Guide*.

14.8 Compile and Install Your Form Libraries

Digital recommends that you always compile form libraries, as this lessens the demand on the system. However, this uses extra disk space because there are two versions of the library on disk—a compiled version and an uncompiled version. Both versions are needed for the forms to display.

The ALL-IN-1 startup command procedure, A1V24START.COM, installs the following form libraries as global sections in memory:

- OA$LIB_language:MEMRES
- OA$LIB_language:OAFORM
- OA$SITE_LIB_language:SITEMEMRES
- OA$SITE_LIB_language:SITEOAFORM

If you have any application-specific form libraries, see the *ALL-IN-1 Management Guide* for details of how to compile and, optionally, install them.

If you are installing ALL-IN-1 on a VAXcluster system, you must install the form libraries on the remaining nodes in the cluster.

14.9 How to Set Up a Remote Message Router

If you want to use a remote Message Router, you must do the following:

1 On the node where Message Router is installed, add a mailbox entry for the ALL-IN-1 system that you have just installed (see the Message Router books for more information about mailboxes). To set up a mailbox, log in to the MBMANAGER account on the node where Message Router is running, and enter the following commands:

```
$ RUN SYS$SYSTEM:MRMAN
```

Enter the following:

```
MRM>  ADD name /REMOTE_RESTRICTION=nodename
       /PASSWORD=password /SYSTEM
```

where:

- name is the mailbox name displayed during ALL-IN-1 installation; that is, <local_node>A1, where <local_node> is the name of the node where you have installed ALL-IN-1 Version 2.4. The name must be unique to the Message Router system.
- nodename is the DECnet nodename where ALL-IN-1 is installed.
- password is the mailbox password you specified during the ALL-IN-1 installation. If you cannot remember this password, you must change it here, and also in ALL-IN-1, using the Manage Messaging menu. The password must be the same in the Message Router mailbox directory and in ALL-IN-1. To change the mailbox password use the Change mailbox password (CMP) option on the Manage Messaging menu. See the *ALL-IN-1 Mail Management Guide* for details.

2 Exit from the Message Router management utility:

```
MRM> EXIT
```

14.10 Setting Up the Message Router Transfer Service

To send mail to remote nodes, each node that runs ALL-IN-1 must have access to Message Router Version 3.1 or later. If Message Router is not installed at the local node, ALL-IN-1 can use the Message Router on another node.

You must also define the logical name MR$NODE. This informs ALL-IN-1 whether or not Message Router is available. Set this logical name and redefine it in the ALL-IN-1 startup file to:

```
nodename::"22="
```

where nodename is the name of the node on which Message Router is installed. This must be defined whether you have Message Router on the same node as ALL-IN-1 or on a remote node.

If your system does not use the Mail directory, and does use area routing, you must define the logical name OA$MTI_AREA. This defines the area code for your system. You must define this logical name to enable users on other systems to reply to mail from your system. This logical name is not defined at installation, so if you do need it, you must define it afterward.

Set this logical name OA$MTI_AREA, and redefine it in the ALL-IN-1 startup file to:

```
mailbox @primary node @area name
```

where:

- mailbox is the same as defined for the logical name OA$MTI_MAILBX

- primary node is the same as defined for the logical name OA$PRIMARY_NODE
- area name is the area code for your system.

14.10.1 Configuring the VMSmail Gateway

To enable all the nodes in a common-environment cluster to access a Message Router VMSmail Gateway started on one of the nodes only, define the logical name MRGATE to the following on each of the nodes that does not have the gateway started:

```
node::MR%
```

where node is the node where the gateway is running.

If the VMSmail Gateway is not installed on your node or cluster, users can use one that is installed on another node. To hide this from your users, so that they do not need to know where the gateway is, make an entry for the remote gateway in the mailbox directory of the Message Router Transfer Service. To do this, use the Message Router Utility, MRMAN, from the MB manager's account and enter the command:

```
MRM> ADD MRGATE="MRGATE @node"
```

where node is the node where the gateway is installed.

See the Message Router documentation for more information.

14.11 Diagnostic Tools

The following tools are available with ALL-IN-1 for diagnosing problems:

- Verify Mode

  Verify mode lets you look at DCL subcommands.

  To turn Verify Mode on, press GOLD VERIFY ON.

  To turn Verify Mode off, press GOLD VERIFY OFF.

- Show Named Data

  Press CTRL/NAMED DATA to display the named data of the form you are using.

- Display Fields in a Form

  Press CTRL/VIEW to display the fields of the form you are using.

- Trace Utility

  The Trace Utility lets you set or clear trace mode flags that govern the areas and extents of tracing and the destination of trace output.

You can use the Trace Utility in one of two ways, as follows:

1. Within ALL-IN-1 press GOLD TRACE. The Trace Flag Argument Form is displayed. See the Application Programming books for details.
2. Within ALL-IN-1 use the OA$TRA_SET function. See the Application Programming books for details.

The keys are defined in the *ALL-IN-1 Management Guide*.

14.12 Set the Global Buffers

During the installation of ALL-IN-1 Version 2.4, global buffers are allocated to the data files shown in Table 14–2:

Table 14–2 Global Buffer Allocations

System File	Number of Global Buffers
OA$DATA:PROFILE.DAT	n + 1
OA$SHARE:OA$DAF_E.DAT	n + 1
OA$DATA:MEETING.DAT	5
OA$DATA:ATTENDEE.DAT	n + 1
OA$DATA:PENDING.DAT	n + 1

n is the maximum number of users

During the installation of ALL-IN-1 Version 2.4, the number you enter at the prompt "`What will be the greatest number of simultaneous ALL-IN-1 users`" is used to calculate initial values for these global buffers. If you later increase this value, you should recalculate the global buffers using the table; change them using the DCL command:

```
$ SET FILE /GLOBAL_BUFFER filename
```

Note *ALL-IN-1 must be shut down first.*

To save these values permanently edit the appropriate FDL files for these files. You may also need to increase values of certain SYSGEN parameters, notably GBLPAGFIL and GBLPAGES. GBLPAGES is calculated as described in Section 1.8.

14.13 Set the Terminal and Queue Characteristics for Printers

For most of the supported system printers, you can use the default VMS queue characteristics. However, if you have one or more LQP02, LQP03, or LN03 printers on your system, you must set the terminal and queue characteristics for each of these printers.

Note *If you have DECpage on your system, see the DECpage Installation Guide for the printer settings required for DECpage.*

See the *ALL-IN-1 Management Guide* for details of how to set up the printers.

14.14 Modifications Required for VTX

If you have upgraded from ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0, you must change the foreground function for the VTX entry in the Printer Types Master file as follows:

1. From ALL-IN-1, enter `MGT MPR PT`. The Manage Printer Types menu is displayed
2. Press SELECT and enter `VTX`
3. Enter `E` to edit the Printer Types Master file for VTX. The Printer Types Master form is displayed
4. Move the cursor to the Foreground function field and press ERASE LINE
5. Enter `DO VTXOUT`
6. Press RETURN to complete the entry

14.15 Replacing the Help Modules for Your Application

If you are upgrading or updating ALL-IN-1, and you had an application that was not created using the Customization Management subsystem, you must now replace the help modules in the appropriate help libraries:

1. Format the module with RUNOFF:

   ```
   $ RUNOFF module_name
   ```

2. Replace both the source text and the formatted text in the appropriate libraries:

   ```
   $ LIBRARY/HELP/REPLACE OA$LIB:OAHELP.HLB module_name.MEM
   ```

   ```
   $ LIBRARY/HELP/REPLACE OA$BUILD:HLPSOURCE.HLB module_name.RNO
   ```

14.16 Reschedule the ALL-IN-1 Housekeeping Procedures

If you are performing an upgrade or update installation, you must reschedule your ALL-IN-1 housekeeping procedures. See the the chapter on ALL-IN-1 housekeeping in the *ALL-IN-1 Management Guide*.

14.17 Changes Required if DECmail No Longer In Use

ALL-IN-1 Version 2.4 does not provide an interface to DECmail. Therefore, if you upgraded from ALL-IN-1 Version 2.3, the DECmail interface is no longer available to your users. Any users that used DECmail may receive error messages when they log in to ALL-IN-1. The error messages will be received if:

- The field MAIL_MENU is set to EMD
- The field START is set to either EMD or EMD1

To remove this problem, enter the command:

```
<DO OA$LIB:EMEMD_PROFIL_UPDATE.SCP
```

This script:

1. Checks each user's account details and, if the fields MAIL_MENU and START are set as described above, changes the fields to EMC.
2. Checks to see if the files CNVDMI., MIGRATE.EXE, MIGRATE.COM, MIGRATE.BAS and MIGRATE.OBJ exist, and if so, deletes them.

14.18 Mail Directory Setup

If you chose to use either the ALL-IN-1 directory (that is, OA$DDS_PRIME equal to 1) or the Mail directory (that is, OA$DDS_PRIME equal to 2) as the primary mail directory, then after installation you have:

- A user agent entry name and password. The user agent entry name is OA$node$ALLIN1 for a new or upgrade installation, where node is either the node name or the cluster alias for the system on which you are installing ALL-IN-1. For example, OA$LYNX$ALLIN1.

  The user agent entry password is the Mail directory password that you entered during the installation (see STEP 23 in Chapter 13).
- A subscriber entry for the ALL-IN-1 manager. The proxy attribute of the subscriber entry is the name of the local ALL-IN-1 user agent entry (OA$node$ALLIN1). This attribute gives ALL-IN-1 proxy access to the manager's entry, so that ALL-IN-1 can update and access the entry.
- UAPASSWRD.DAT which contains the name of the user agent object and the user agent password, from the first item in this list.

Before you can use the Mail directory you must perform the actions described in the following steps:

1 If area routing is in use at your site, you need to know the area code for use at step 3. Run the MAILbus Configuration Procedure to display the current Transfer Service settings in use at your site. Enter the DCL command:

```
$ @SYS$MANAGER:MB$CONFIG
```

To list the current settings of the configuration parameters, enter:

```
MBC> SHOW TS
```

The area code is displayed, along with other settings, as follows:

```
    .
    .
    .
Transfer Service uses area routing
Area Code : <area_code>
    .
    .
    .
```

<area_code> is the area code in use at your site.

Enter `EXIT`, or press CTRL/Z, to exit from the MAILbus Configuration Procedure. For more details of this command, see the Message Router books.

2 Log in to the ALL-IN-1 manager's ALL-IN-1 account as follows:

```
$ ALLIN1 /USERNAME=MANAGER
```

3 Enter the following commands from ALL-IN-1:

```
<GET #ORGNAME="orgname"
<GET #LOCATION="location"
```

where:

– orgname is the name of your company or organization

– location is the location of your users

If area routing is in use at your site, you must also enter:

```
<GET #AREA="area_code"
```

area_code is the area code (obtained at step 1) for the area that includes your system.

4 Enter the following command:

```
<DO OA$LIB:USERAGENT_POST
```

This DO script:

a Updates the user agent entry in OA$DATA_SHARE:UAPASSWRD.DAT with the Mail directory identity obtained from the user agent object in the Mail directory. (The ALL-IN-1 user agent is now available for all users.)

b Sets the Mail directory field in the ALL-IN-1 manager's account details to Y.

c Copies details from the ALL-IN-1 manager's profile entry, which was created during installation, into the manager's Mail directory subscriber entry. It also copies the manager's Mail directory identifier into the manager's ALL-IN-1 account details from the subscriber entry.

d Updates the ALL-IN-1 user agent object in the Mail directory with the values you supplied for organization name and location.

e Creates a mail address that is used for all the Mail directory subscribers owned by the user agent. The mail address comprises the name of the ALL-IN-1 Message Router mailbox (OA$MTI_MAILBX), and the name of the node or cluster running the Message Router to be used by ALL-IN-1 Version 2.4 (OA$PRIMARY_NODE). If area routing is in use at your site, the network address also includes the area code that you specified in step 1. The mail address is identified by the symbol OA$DDS_AREA_ROUTE.

If you are performing a first full installation of ALL-IN-1 Version 2.4 omit the next step.

5 If you are performing an upgrade or an update installation in which you have elected to use Mail directory addressing for the first time, see the *ALL-IN-1 Mail Management Guide* on how to populate the Mail directory.

14.19 ALL-IN-1 Setup

After you have installed ALL-IN-1 there are a number of tasks that you need to do to set up ALL-IN-1 before users can start to use the system (see the *ALL-IN-1 Management Guide* for details):

- If you have integrated WPS-PLUS with ALL-IN-1 Version 2.4, set up the terminal characteristics so that your users can use WPS-PLUS
- If you are upgrading from ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0, see the *ALL-IN-1 Version 2.4 Differences* document
- If you are upgrading from ALL-IN-1 Version 2.3 or ALL-IN-1 STARTER Version 1.0, distribute the online *ALL-IN-1 Version 2.4 User Changes* document to your users
- Specify the schedule for the automated housekeeping procedures

- Specify the batch queue or queues for the housekeeping procedures
- Allow the ALL-IN-1 mail manager access to the Manage Messaging menu
- Create areas for the storage of documents that the users have archived
- Create additional mail areas, if required
- Do the following tasks before an administrator can use the Administration menu:
  - Check the default policies for administration tasks
  - Create account templates
  - Nominate an administrator
- Define users' working environments
- Initialize and start the printer queues, and identify printers to ALL-IN-1
- Set suitable system parameters for your system
- Set a routine for backing up your system
- Set a routine for monitoring your system's performance
- Set up the links with systems not in your DECnet network, if required

There are a number of tasks that you must do before users can start using the Electronic Messaging subsystem of ALL-IN-1 to exchange mail with other nodes in the network (see the *ALL-IN-1 Mail Management Guide*):

- Configure Message Router for ALL-IN-1 if you want to use the Message Router exception reporting facility
- Set up the network profile
- Remove the mailbox password, if the password is not required
- Set up the mailbox
- Populate the Mail directory with subscriber entries (after setting up the Mail directory (see Section 14.18))
- Limit the Number of Addressees in Mail Messages)
- Set up WPS-PLUS translation

14.20 Convert WPS-PLUS/VMS Documents to ALL-IN-1

If your system is currently running WPS-PLUS/VMS and users want to use documents created with WPS-PLUS/VMS from within ALL-IN-1, each user must do the following:

1. Give each ALL-IN-1 user who wants to convert their WPS-PLUS/VMS documents the ALL-IN-1 DCL and CMD privileges. See the *ALL-IN-1 Management Guide* for details of setting these privileges. If you normally restrict this access, reset it after conversion is complete.
2. Check that the directory containing the WPS-PLUS/VMS File Cabinet exists by entering the following command:

   ```
   $ DIRECTORY /PROTECTION disk:[username.WPSPLUS...]*.*
   ```

   where:

   – disk is the name of the user's VMS disk

   – username is the VMS username

   This command lists all the files in the WPS-PLUS/VMS account belonging to the user.
3. Make sure that all files have the following minimum protection:

   (S:RWD,O:RWE,,)
4. Run ALL-IN-1.
5. Enter `WP` to display the Word and Document Processing menu.
6. Enter the following command:

   ```
   <DO OA$LIB:WPCOPY
   ```
7. Enter the full directory specification of the WPS-PLUS/VMS directory (for example, DISK1:[HUDSON.WPSPLUS]) at the following prompt:

   ```
   Enter directory of old File Cabinet
   ```
8. Enter the full directory specification of the ALL-IN-1 directory (for example, DISK1:[HUDSON.A1]) at the following prompt:

   ```
   Enter directory of new File Cabinet
   ```

Note *You cannot have the ALL-IN-1 and WPS-PLUS/VMS versions of the DOCDB.DAT files in the same VMS directory.*

9. Enter `A` to copy all documents at once, or `C` to check before each file is copied, at the prompt:

   ```
   Copy All documents at once or Check each one <A/C> <A>:
   ```

   When conversion is complete, ALL-IN-1 returns you to the Word and Document Processing menu.

10 To convert your User Defined Process [.UDP] files, do the following:

a. From the Word and Document Processing menu, enter `$`.

   ALL-IN-1 places you in the subprocess.

b. Enter the following command:

```
$ COPY /LOG [username.WPSPLUS.UDP]*.UDP [.UDP]*.*
```

   where username is the user's top-level VMS directory, as recorded in the SYS$SYSTEM:SYSUAF.DAT file.

c. When the copying is finished, press EXIT to return to ALL-IN-1.

Note *If you want to use the converted documents when using ALL-IN-1, your default editor must be WPS-PLUS.*

14.21 Determining and Reporting Problems

If you find an error in the ALL-IN-1 Version 2.4 books, you should fill out and submit the Reader's Comments form at the back of the document in which the error was found. Include the section and page number where the error was found.

If an error occurs while ALL-IN-1 Version 2.4 is being used and you believe that the error is caused by a problem with ALL-IN-1 Version 2.4, take one of the following actions:

- Contact your Customer Support Center, if you have a System Support Agreement or are covered by warranty (see your Software Warranty Addendum)
- If you think the problem is caused by a software error, you can submit a Software Performance Report (SPR)

A

Files on the ALL-IN-1 V2.4 Distribution Media

This appendix contains a list of the files on the ALL-IN-1 distribution media.

A.1 Magnetic Tape and TK50 Kits

The ALL-IN-1 files are supplied on three pieces of media, one for each component of ALL-IN-1 (that is, base, language and market). The media are labeled as follows:

- *ALL-IN-1 V2.4 BASE BIN media_type*
  INTERNATIONAL BASE
  (c) 1989 Digital Equipment Corp.

  This contains save sets A1024.A to A1024.E. A list of the files in these save sets is given in Section A.3.

- *ALL-IN-1 V2.4 market BIN media_type*
  MARKET COMPONENT
  (c) 1989 Digital Equipment Corp.

  This contains save sets A1Ccode024.A and A1Ccode024.B, where market is the name of your market and code is the market code (up to three characters). A list of the files in these save sets is given in the *ALL-IN-1 Installation Guide Part 3 Market Installation*.

- *ALL-IN-1 V2.4 language BIN media_type*
  LANGUAGE COMPONENT
  (c) 1989 Digital Equipment Corp.

  This contains save sets A1Llang024.A to A1Llang024.H, where language is the name of the language and lang is the language code of the language being installed (up to nine characters). A list of the files in these save sets is given in the *ALL-IN-1 Installation Guide Part 2 Language Installation*.

media_type is 16MT9 for tape and TK50 for a TK50 cartridge

Note **.ELE files are used by the installation procedure to transfer the files to the correct place. These files are removed when the installation is completed.*

Each saveset has a unique kit revision identifier, <revision>. For example, A1024BASEA.REV_A.

A.2 Compact Disk Consolidated Software Distribution Kits

The compact disk (CD) for your market contains directories of the form [A1lang024], where lang is the ALL-IN-1 language available to you. For example, [A1ENGLISH024]. This directory contains two subdirectories; one containing the save sets for the ALL-IN-1 Version 2.4 kit, the other containing various documentation (in ASCII text format).

All the save sets required to install the base, language, and market components for your kit are in the directory [A1lang024.KIT]. The documentation is in the directory [A1lang024.LINE_DOCS].

The save sets of the base component are:

A1024.A
A1024.B
A1024.C
A1024.D
A1024.E

A list of the files in these save sets is given in Section A.3.

The save sets of the language component are:

A1Llang024.A
A1Llang024.B
A1Llang024.C
A1Llang024.D
A1Llang024.E
A1Llang024.F
A1Llang024.G
A1Llang024.H
A1LRlang024.A (Release Notes Part 1 Language)

A list of the files in these save sets is given in the *ALL-IN-1 Installation Guide Part 2 Language Installation*.

A list of the files in these save sets is given in Section A.3.

The save sets of the market component are:

A1Cmarket024.A
A1Cmarket024.B

A1CRmarket024.A (Release Notes Part 2 Market)

A list of the files in these save sets is given in the *ALL-IN-1 Installation Guide Part 3 Market Installation*.

This directory also contains the following:

- VAX Forms Management System (FMS) Version 2.4

  FMS024.A
  FMS024.B

- Message Router Version 3.1

  MR031.A
  MR031.B

- Message Router VMSmail Gateway Version 3.1

  MRGATE031.A
  MRGATE031.B

- Compound Document Architecture Converter Library Version 1.0

  CDACVTLIB010.A
  CDACVTLIB010.B

The documentation directory contains the following:

- The ALL-IN-1 Installation Guide:

  A1024_INSTALL_GUIDE.TXT
  A1Llang024_INSTALL_GUIDE.TXT
  A1Cmarket024_INSTALL_GUIDE.TXT

- The Read Me First:

  A1024_READ_ME_FIRST.TXT

- A Software Product Description (SPD):

  A1024_SPD.TXT

- A System Support Addendum (SSA):

  A1024_SSA.TXT

- A Software Warranty Addendum (SWA):

  A1024_SWA.TXT

A.3 List of Files in Each Saveset

Save Set: A1024.A

```
A1024.RELEASE_NOTES;1                   A1024BASEA.REV_<revision>;1
A1LINK.COM;1        A1LNKASK.COM;1      A1LNKDRV.COM;1
DIRBASEA.ELE;1      KICHECKS.COM;1      KICHKDEV.COM;1
KICHKFMS.COM;1      KICHKINIT.COM;1     KICHKMR.COM;1
KICHKPARAMS.COM;1   KICHKSHR.COM;1      KICHKSPACE.COM;1
KICREACC.COM;1      KICREDIR.COM;1      KICURRENCY.COM;1
KIDATES.COM;1       KIIMAGES.COM;1      KIIVP.COM;1
KIIVP.SCP;1         KIIVP_FILE_LIST.COM;1
KIKEYBOARD.COM;1    KILMF.COM;1         KILOGICALS.COM;1
KINEWDB.COM;1       KIPOSTINSTALL.COM;1 KIPREFIX.COM;1
KIQUESTIONS.COM;1   KIQUOTA.COM;1       KIRECOG.COM;1
KISPELL.COM;1       KISPLIT.COM;1       KITINSTAL.COM;1
KIUPDATE.COM;1      KIUPGET.COM;1       LLVDATALIST.DAT;1
LLVLIBLIST.DAT;1    PARAMETERS.DAT;1

Total of 39 files.
```

Save Set: A1024.B

```
A1024BASEB.REV_<revision>;1            A1CONFIG_BASE_PREPOP.SCP;1
A1CONFIG_LANGUAGE_PREPOP.SCP;1         A1ENCODE.CLD;1
A1ENCODE.EXE;1      A1IVP.OBJ;1        A1SUBMIT.CLD;1
A1V24START.COM;1    ACTITEM.FDL;1      AFS.CDA$OPTIONS;1
AIBRIEF.BLP;1       ALLFORMS.COM;1     ALLIN1.HLP;1
APNDELETE.SCP;1     APPL_INT.SCP;1     ARCHIVE_CREATE_AREA.COM;1
ARCHIVE_CREATE_AREA.SCP;1              ARCHIVE_DELETE_AREA.COM;1
ARCHIVE_DIR_OWN.COM;1                  ARCHIVE_DOCS_PENDING_RECOVERY.FDL;1
ARCHIVE_DOCUMENTS.SCP;1                ARCHIVE_EDIT_AREA.SCP;1
ARCHIVE_EXCLUDE_FOLDERS.FDL;1          ARCHIVE_EXCLUDE_USERS.FDL;1
ARCHIVE_INCLUDE_FOLDERS.FDL;1          ARCHIVE_INCLUDE_USERS.FDL;1
ARCHIVE_MARK_DOCUMENT_PENDING.SCP;1    ARCHIVE_MOVE_AREA_TO_TAPE.COM;1
ARCHIVE_MOVE_AREA_TO_TAPE.SCP;1        ARCHIVE_MOVE_TAPE_TO_AREA.COM;1
ARCHIVE_MOVE_TAPE_TO_AREA.SCP;1        ARCHIVE_PENDING_DOCUMENTS.SCP;1
ARCHIVE_PROCESS_RESTORE_REQS.SCP;1     ARCHIVE_RESTORE_USER_DOCUMENTS.SCP;1
ARCHIVE_RESTORE_USER_REQUEST.SCP;1     ARCHIVE_SCHEDULE_ARCHIVE.SCP;1
ARCHIVE_SETS_DATA.FDL;1                ARCHIVE_SET_AREA_ACTIVE.SCP;1
ARCHIVE_SET_AREA_ONLINE.SCP;1          ARCHIVE_SET_DOCUMENT_PENDING.SCP;1
ARCHIVE_SYS_EXCLUDE_FOLDERS.FDL;1      ARCHIVE_SYS_INCLUDE_FOLDERS.FDL;1
ARCHIVE_UNSET_DOCUMENT_PENDING.SCP;1   ARCHIVE_USER_DOCUMENT.SCP;1
ATTENDEE.FDL;1      CALACCESS.FDL;1    CALATTEND_PRE.SCP;1
CALENDAR.A1CAL;1    CALENDAR.FDL;1     CM_ALLOW.SCP;1
CM_AUTHORIZE.SCP;1  CM_CDS.SCP;1       CM_CHECK_LIVE.SCP;1
CM_CHECK_STATUS.SCP;1                  CM_COPY_FROM_LIVE.SCP;1
CM_CREATE.SCP;1     CM_CREATE_DEVELOP.SCP;1
CM_CREATE_FILE.SCP;1                   CM_CREATE_FRM.SCP;1
CM_CREATE_TEXT.SCP;1                   CM_CTX.SCP;1
CM_DACREATE.COM;1   CM_DELETE.SCP;1    CM_EDIT.SCP;1
CM_EDIT_FRM.SCP;1   CM_EDIT_TEXT.SCP;1 CM_ELEMENTS.SCP;1
CM_FDNDEDT.COM;1    CM_FORMCOPY.COM;1  CM_FORMCREAT.COM;1
CM_FORMDELET.COM;1  CM_FORMUPDAT.COM;1 CM_FORM_LIBS.SCP;1
CM_GET_NAMED.SCP;1  CM_LIST_FRM.SCP;1  CM_LIST_TEXT.SCP;1
CM_LOCK.SCP;1       CM_LOCK_LIB.SCP;1  CM_MEASURE.SCP;1
CM_MOVE_TO_DEVELOP.SCP;1               CM_MOVE_TO_LIVE.SCP;1
CM_PCF.SCP;1        CM_PRINT_DIFF.SCP;1 CM_PRINT_DIFF_LIVE.SCP;1
CM_PRINT_HIST_HDR.BLP;1                CM_PROTECT.SCP;1
CM_PSM.BLP;1        CM_REORG_FLB.COM;1 CM_SDC_EDIT.SCP;1
CM_SDC_ELEMENTS.FDL;1                  CM_SDC_SELECT.SCP;1
CM_SELECT_ELEMENT.SCP;1                CM_SET_EDITOR.SCP;1
CM_SITEHIST.FDL;1   CM_SITELOG.FDL;1   CM_SM_DELETE.SCP;1
CM_SM_DELETE_FRM.SCP;1                 CM_SM_DELETE_TEXT.SCP;1
CM_SM_MOVE_DEV.SCP;1                   CM_SM_MOVE_LIVE.SCP;1
CM_SM_REMOVE_REQUEST.SCP;1             CM_SM_UNLOCK.SCP;1
CM_SPEED_MEASURE.SCP;1                 CM_STATSDISPLAY.SCP;1
CM_TEMPLATE_FRM.SCP;1                  CM_TEMPLATE_TEXT.SCP;1
CM_TEST_BLP.SCP;1   CM_TEST_COM.SCP;1  CM_TEST_DO.SCP;1
CM_TEST_FRM.SCP;1   CM_TEST_SCP.SCP;1  CM_UNLOCK.SCP;1
CM_UNLOCK_LIB.SCP;1 CM_UPDATE_DETAILS.SCP;1
CM_VALIDATE_DIR.SCP;1                  CNVPRTUIC.COM;1
COMTP.COM;1         COPYDOC.SCP;1      CORPHONE.FDL;1
CREATE_DATA_CBI_FILES.SCP;1            CREATE_DATA_FILES.SCP;1
CREATE_DATA_FILES_2.SCP;1              CREATE_DATA_LLV_FILES.SCP;1
CREATE_DATA_WPS_FILES.SCP;1            CREATE_FILE.SCP;1
```

```
CREATE_PROFILE.SCP;1                        CVTDDIFDDIF.SCP;1
CVTDDIFDX.SCP;1      CVTDDIFPS.SCP;1        CVTDDIFTEXT.SCP;1
CVTDDIFWPL.SCP;1     CVTDXDDIF.SCP;1        CVTTEXTDDIF.SCP;1
CVTWPLDDIF.SCP;1     CX.REQ;1               CXDIAL.B32;1
CXLIB.OLB;1          DACREATE.COM;1         DACREATE.EDT;1
DECSPELL.FDL;1       DIRALLDWN.SCP;1        DIRALLPB.SCP;1
DIRALLPF.SCP;1       DIRALLUP.SCP;1         DIRBASEB.ELE;1
DIRBASEEXE.ELE;1     DIRCORDWN.SCP;1        DIRCORPB.SCP;1
DIRCORPF.SCP;1       DIRCORUP.SCP;1         DIRINDEXPRINT.SCP;1
DIRPERDWN.SCP;1      DIRPERPB.SCP;1         DIRPERPF.SCP;1
DIRPERUP.SCP;1       DIRPRINT.SCP;1         DISPLAY.EXE;1
DOCCREATE.SCP;1      DOCDB.FDL;1            DOCSELECT.SCP;1
DOTS_COPY.COM;1      DOTS_DELETE.COM;1      DOTS_PACK.COM;1
DOTS_PACK.EXE;1      DOTS_UNPACK.COM;1      DOTS_UNPACK.EXE;1
DPESHR.EXE;1         DSABCONV.FDL;1         DSABCONV_PREPOP.SCP;1
DX.CDA$OPTIONS;1     DXRD.SCP;1             DXRV.SCP;1
DXRX.SCP;1           DXSD.SCP;1             DXSV.SCP;1
DXSX.SCP;1           DXXM.SCP;1             EDITORAPP.SCP;1
EDIT_DDIF.COM;1      EDIT_WRITE.COM;1       EDTGOLDG.SCP;1
EMCONTROL_RS_RF.COM;1                       EMCONTROL_RS_RF.SCP;1
EMDDSADDR.SCP;1      EMEMD_PROFIL_UPDATE.SCP;1
EMLOGCTRL.COM;1      EMNXTLIST.SCP;1        EMSMFLUSH.COM;1
FCCONVERT.SCP;1      FCDELFDR.SCP;1         FCDIR.SCP;1
FCEW.SCP;1           FDNDEDT1.EXE;1         FDNDEDT2.EXE;1
FDNDREORG.EXE;1      FDVDEF.REQ;1           FD_CHECK_FLB.SCP;1
FD_CHECK_FLB1.SCP;1  FETCHCHECK.EXE;1       FF.LIS;1
FF.MEM;1             FILECAB_REORG.SCP;1    FLUSHDM.EXE;1
FLUSHUSER.EXE;1      FOLCOUNT.SCP;1         FOLDER.SCP;1
FOLPRINT.SCP;1       FOLPRINTXP.SCP;1       FORMAT_PREPOP.SCP;1
FORMDELET.SCP;1      GET_SIZE.COM;1         GLOBAL.FDL;1
GLOBAL_EDIT_TEMPLATE_INTER.COM;1            GLOBAL_TEMPLATES.FDL;1
GLOBAL_USERS.FDL;1   GRAMCHECK.SCP;1        GTEMPLATE_DETAILS.FDL;1
INDEX.DX;1           IVPUSER.A1CAL;1        IVPUSER.PST;1
LANGUAGES.FDL;1      LIST_DDIF.SCP;1        LIST_VIEW.COM;1
LNGSPL_CHANGE_CURRENT_DIC.SCP;1             LNGSPL_CHECK_PERS_OPEN.SCP;1
LNGSPL_CMD_RECOG.SCP;1                      LNGSPL_FREE_SLOT.SCP;1
LNGSPL_OPEN_CHECK.SCP;1                     LNGSPL_OPEN_GLOBAL_DIC_CHECK.SCP;1
LNGSPL_PERS_DIC_CHECK.SCP;1                 LNGSPL_POST_LISTOPEN.SCP;1
LNGSPL_PRE_LISTOPEN.SCP;1                   LNGSPL_WPL_SEARCH.SCP;1
LOGIN.COM;1          MAILCOUNT.OBJ;1        MAIL_DIR_CONVERT.SCP;1
MANAGER.A1CAL;1      MANAGER.PST;1          MASTERB.BLP;1
MEETING.FDL;1        METER.SCP;1            MNODES.BLP;1
MNODES.FDL;1         MOVEDISK.FDL;1         MR_CHANGEPASS.COM;1
MUA_CANCEL_TRANSFER.COM;1                   MUA_CHANGEPW.COM;1
MUA_CHANGEPW_INTER.COM;1                    MUA_CHECK_NOT_LOCKED.COM;1
MUA_COPY_TPL.SCP;1   MUA_CREATE.COM;1       MUA_CREATE_INTER.COM;1
MUA_CREATE_WORKFILE.SCP;1                   MUA_CR_INFO.FDL;1
MUA_CTN_INTER.COM;1  MUA_CTN_RESTORE_DOCS.SCP;1
MUA_CTN_TRANSFER_UPDATE.COM;1               MUA_DELETE_INTER.COM;1
MUA_DEL_ACCOUNT.COM;1                       MUA_DEL_CAB.SCP;1
MUA_DEL_DIR.COM;1    MUA_DEL_VMS.COM;1      MUA_GLOBAL_EDIT.COM;1
MUA_GLOBAL_EDIT.SCP;1                       MUA_GLOBAL_EDIT_INTER.COM;1
MUA_LOAD_USER.COM;1  MUA_MAS_ARCHIVE.SCP;1
MUA_MAS_DOCINDEX.FDL;1                      MUA_MAS_INTER.COM;1
MUA_MAS_LOADUSER.FDL;1                      MUA_MOVEDISK.COM;1
```

```
MUA_MOVEDISK_INTER.COM;1                MUA_NOMINATE.COM;1
MUA_NOMINATE_INTER.COM;1                MUA_PAT.COM;1
MUA_PAT_ARCHIVE.SCP;1                   MUA_PAT_FIND_ACCOUNT.SCP;1
MUA_PAT_INTER.COM;1 MUA_PAT_SELECT_FILE.FDL;1
MUA_REMOVE_ADMIN.COM;1                  MUA_REMOVE_ADMIN_INTER.COM;1
MUA_RENAME.COM;1    MUA_RENAME_INTER.COM;1
MUA_RENAME_PENDING.EXE;1                MUA_SAVE_UNREAD_MAIL.SCP;1
MUA_SWITCH_APP_PRV.COM;1                MUA_TRANSFER.FDL;1
MUA_UTILITY.FDL;1   MUA_VMS_CHK.SCP;1   MUA_XFER_DOCLIST.FDL;1
NAME_CONVERT.COM;1  NETWORK.FDL;1       NETWORKB.BLP;1
NEWDOCDB.COM;1      NEXTLIST.SCP;1      NICKNAMES.FDL;1
OA$APPL_INTMENU.SCP;1                   OA$APPL_SPMENU.SCP;1
OA$FORMATTER_START.COM;1                OA$PRINTERS.FDL;1
OA$PRINTERTYPES.FDL;1                   OA$SAM_BALANCE_SHARED_DIRS.EXE;1
OA$SAM_BALANCE_USERS.EXE;1              OA$SAM_CHECK_MAIL_AREA_DELETE.EXE;1
OA$SHARE_DEVICE_MASTER.FDL;1            OA$SM_FCVR.EXE;1
OA$SM_FCVR_PRE_PHASE1.EXE;1             OA$SM_RECOG_MAIL_AREA.SCP;1
OA$SUBMIT.OBJ;1     OACMSV.OBJ;1        OADDIF_DIRCHK.COM;1
OADDIF_INSTALL.SCP;1                    OAFCV.EXE;1
OAFORMATTER.OBJ;1   OAFORMATTERX.OBJ;1  OAINI.COM;1
OALNM.COM;1         OASHRBLD.EXE;1      OASYMMSG.MAR;1
PARANUM.SCP;1       PDAF.FDL;1          PENDING.FDL;1
PERPHONE.FDL;1      PFCONTROL.SCP;1     PFCREATE.SCP;1
PFSQ.COM;1          PFVMPRINT.COM;1     PHALLB.BLP;1
PHPERB.BLP;1        POSTMASTE.A1CAL;1   POSTMASTE.PST;1
PRINTER_TYPESB.BLP;1                    PRINT_DDIF.COM;1
PRINT_PS.SCP;1      PROFILE.FDL;1       PROFILE_PRINT.FDL;1
PROVIDE_DATA_CBI_FILES.SCP;1            PROVIDE_DATA_FILES.SCP;1
PROVIDE_DATA_FILES_2.SCP;1              PROVIDE_DATA_LLV_FILES.SCP;1
PROVIDE_DATA_WPS_FILES.SCP;1            PTU.EXE;1
QUOTA.COM;1         QUOTA.EXE;1         QUOTA_CHECK.COM;1
REMOVEND.EXE;1      RENAME.FDL;1        REORDER.COM;1
RMSANLZ.COM;1       SA_CHANGE_PASSWORDS.SCP;1
SA_DELETE_ACCOUNT.SCP;1                 SA_MULT_DELETE_ACCOUNT.SCP;1
SA_PREPARE_MAS_NETWORK.COM;1            SA_PREPARE_MAS_TAPE.COM;1
SA_PROFILEB.BLP;1   SDAF.FDL;1          SELECTIONLIST.BLP;1
SELECTIONLIST1.BLP;1                    SELECTIONLIST_RFA.BLP;1
SENDCHECK.EXE;1     SHARED_DOC.BLP;1    SITE_PRINTERSB.BLP;1
SM$SHARE$SCROLL$PREPOP.SCP;1            SMA1.EXE;1
SMBKUSER.COM;1      SMJACKET.SCP;1      SMNETINIT.COM;1
SMNETINIT.SCP;1     SMNETPRGE.COM;1     SMNETPRGE.EXE;1
SMNETUPDT.EXE;1     SMNETUPDT.SCP;1     SMONOFF.COM;1
SMREORG.SCP;1       SMREORG_DEPT.SCP;1  SMSREORG.COM;1
SMTRLU.SCP;1        SMUNSHARE.SCP;1     SM_CHANGE_PASSWORDS.SCP;1
SM_DELETE_ACCOUNT.SCP;1                 SM_MULT_DELETE_ACCOUNT.SCP;1
SM_PAT_VALIDATE_NODE.COM;1              SM_PAT_VALIDATE_TAPE.COM;1
SM_PLM_AVAIL.SCP;1  SM_PLM_COUNT.SCP;1  SM_POLICIES_PREPOP.SCP;1
SM_PREPARE_MAS_NETWORK.COM;1            SM_PREPARE_MAS_TAPE.COM;1
SM_RESTART.COM;1    SM_RESTART_INTER.COM;1
SM_SKEDSCRIPT_DEFAULT.SCP;1             SM_TPL_CLEAR_SYMBOLS.SCP;1
SM_TPL_GLOBAL_EDIT.SCP;1                SM_USED_UIC.FDL;1
SPECIAL.COM;1       SPELL.CLD;1         SPFILE.SCP;1
SPNULL.TXT;1        SPSEND.SCP;1        START_TM_SERVER.COM;1
SUBSCRIBER.SCP;1    SUBSCRIBER_ADD.SCP;1
SUBSCRIBER_ADD_INTERACTIVE.SCP;1        SUBSCRIBER_CHANGE.SCP;1
```

```
SUBSCRIBER_CHANGE_INTERACTIVE.SCP;1     SUBSCRIBER_DELETE.SCP;1
SYMBOLS.PST;1       TAG.COM;1           TAG.EXE;1
TEMPLATE_PRINT.FDL;1                    TIME_DIFF.EXE;1
TM.SCP;1            TMAA.SCP;1          TMAIC.SCP;1
TMAISEL.SCP;1       TMAPC.SCP;1         TMAPD.SCP;1
TMAPE.SCP;1         TMAPMEC.SCP;1       TMAPMECSCAN.SCP;1
TMAPMED.SCP;1       TMAPMEE.SCP;1       TMAPMEP.SCP;1
TMAPMER.SCP;1       TMAPMESEL.SCP;1     TMAPSEL.SCP;1
TMCREREM.SCP;1      TMCRETD.SCP;1       TMDAYSCH.SCP;1
TMEDIT.SCP;1        TMEV.SCP;1          TMEVSEL_RECOG.SCP;1
TMEV_TIMEVAL.SCP;1  TMINITFORM.SCP;1    TMINIT_GET.SCP;1
TMJOUD.SCP;1        TMJOUE.SCP;1        TMMDCAL.SCP;1
TMMEC.SCP;1         TMMED.SCP;1         TMMEDUI.SCP;1
TMMEE.SCP;1         TMMENU.SCP;1        TMMENU_VALID.SCP;1
TMMERA.SCP;1        TMMESEL.SCP;1       TMMESTRIP.SCP;1
TMMONTH3.SCP;1      TMNEXT.SCP;1        TMPRINT.SCP;1
TMRA.SCP;1          TMRA_VALID.SCP;1    TMREPRINT.SCP;1
TMRESEL.SCP;1       TMRFA.SCP;1         TMRFA_RECOG.SCP;1
TMRFA_VALID.SCP;1   TMSCAN.SCP;1        TMSCAN_DATEVAL.SCP;1
TMSCAN_DURATION.SCP;1                   TMSET_CONTEXT.SCP;1
TMSEVC.SCP;1        TMSEVD.SCP;1        TMSEVE.SCP;1
TMSEVI.SCP;1        TMSEVP.SCP;1        TMSEVR.SCP;1
TMSEVXD.SCP;1       TMSEVXP_METER.SCP;1 TMSEVXR.SCP;1
TMSEV_APSYM.SCP;1   TMSEV_ATTSYM.SCP;1  TMSEV_CLEANSYM.SCP;1
TMSEV_MESYM.SCP;1   TMSRE.SCP;1         TMSREPOST.SCP;1
TMSTC.SCP;1         TMSTCL.SCP;1        TMSTD.SCP;1
TMSTE.SCP;1         TMSTI.SCP;1         TMSTP.SCP;1
TMSTR.SCP;1         TMSTXCL.SCP;1       TMSTXD.SCP;1
TMSTXP_METER.SCP;1  TMTASKCRE.SCP;1     TMTCL.SCP;1
TMTD.SCP;1          TMTDDEL.SCP;1       TMTE.SCP;1
TMTMSDOWN.SCP;1     TMTMSPRE.SCP;1      TMTMXTPRE.SCP;1
TMTP.SCP;1          TMTR.SCP;1          TMTSEL.SCP;1
TMXSELAPR.SCP;1     TM_CAM_NONO.SCP;1   TM_FLAG.SCP;1
TM_LIST.SCP;1       TM_REPLY.SCP;1      TM_SETOWN.SCP;1
TM_TWOCAL.SCP;1     TRACESET.SCP;1      TRIM.CLD;1
TRIM.EXE;1          UDP_SCRIPT.SCP;1    USER.FLB;1
USERAGENT_POST.SCP;1                    V.COM;1
VAXMAIL.COM;1       VMNXTLIST.SCP;1     VMSMAIL.COM;1
VTX.SCP;1           VTXOUT.SCP;1        WEEK_DAYS.SCP;1
WPCOPYCAB.BLP;1     WPCOPYDX.BLP;1      X400COUNTRY_CODES.FDL;1
XPORTMSG.EXE;1
```

Total of 521 files.

Save Set: A1024.C

```
A1024BASEC.REV_<revision>;1                 ACMSA1MSG.MSG;1
DIRBASEC.ELE;1       FINDFILE.OBJ;1         IMAGEID.OPT;1
OA$CNV_TIMEZONE_CONVERT.SCP;1               OA$SM_CHECK_CLUSTER.COM;1
OA$SM_DEFINE_SHARED_LOGICALS.COM;1          OA$SM_DEFINE_SHARED_LOGICALS.SCP;1
OA$SM_FCVR_PRE_PHASE1_SCHEDULE.COM;1        OA$SM_FCVR_PRE_PHASE1_SCHEDULE.SCP;1
OA$SM_FCVR_SCHEDULE.COM;1                   OA$SM_FCVR_SLAVE1.COM;1
OA$SM_FIELD_OFFSETS.COM;1                   OA$SM_SAM_BA_SCHEDULE.COM;1
OA$SM_SAM_BSD_SCHEDULE.COM;1                OA$SM_SAM_SCHEDULE.SCP;1
OA$SM_SET_WRITE_WINDOW.COM;1                OA$SM_SHARED_DAF_MASTER.SCP;1
OA$SM_UTILITY_MASTER.FDL;1                  OA$SM_UTIL_SCHEDULE.FDL;1
OA$SM_WRITE_DIR_MASTER_INSTALL.SCP;1        OA.BLI;1
OAET.MAR;1           OAGBL.BLI;1            OALIBR.OLB;1
OAMAC.REQ;1          OASDF.BLI;1            SCPTABLE.TXT;1
SYSTEM_PST.COM;1     SYSTEM_PST.FDL;1       WPDELETE.SCP;1
WPDOUDP.SCP;1        WPDUMPUDP.SCP;1        WPEDADDMEN.SCP;1
WPEDIT.SCP;1         WPFCFDROP.SCP;1        WPFCFOLD.SCP;1
WPFOLDER.SCP;1       WPLIST.SCP;1           WPMDMP.SCP;1
WPNEXTL.SCP;1        WPNEXTNUM.SCP;1        WPPAFOLDER.SCP;1
WPPALTERN.SCP;1      WPPBGFORMAT.SCP;1      WPPFILE.SCP;1
WPPOUTDOC.SCP;1      WPPPORT.SCP;1          WPPRINT.SCP;1
WPPSCRPD.SCP;1       WPPSYSTEM.SCP;1        WPPTERMIN.SCP;1
WPPTYPEIT.SCP;1      WPSLPS.SCP;1           WPSMAIL.COM;1
WPSTSTSPC.SCP;1      X400.CMU;1

Total of 58 files.
```

Save Set: A1024.D

```
A1024BASED.REV_<revision>;1                 ACMSALLIN1.OLB;1
DIRBASED.ELE;1       DMPLUS.OLB;1           DXLIB.OLB;1
KOAVMS.OLB;1         KOFORM.OLB;1           MRMIS.OLB;1
MRVMS.OLB;1          MRVMS4.OLB;1           MTILIB.OLB;1
OATALKLIB.OLB;1      OAVOICE.OLB;1          SIL.OLB;1
TMSERVER.OLB;1       WPADOC.OLB;1           WPADSA.OLB;1
WPAPRINT.OLB;1       WPARVMS.OLB;1          XPORT.L32;1
XPORT.OLB;1          XPORT.REQ;1

Total of 22 files.
```

Save Set: A1024.E

```
A1024BASEE.REV_<revision>;1                 DIRBASEE.ELE;1
LNGOSENVR.EXE;1      LNGSPLCOM.EXE;1        LNGSPLCRE.SCP;1
LNGSPLCSY.SCP;1      LNGSPLFMT.SCP;1        LNGSPLFOR.EXE;1
LNGSPLIST.SCP;1      LNGSPLMNU.SCP;1        LNGSPLMSG.EXE;1
LNGSPLSC2.SCP;1      LNGSPLSEL.SCP;1        LNGSPLSHR.EXE;1
LOADTCS.TXT;1        PTU.OBJ;1              PTULIB.OLB;1
SPLMSGREF.OBJ;1      WPABASE.OLB;1          WPAEDIT.OLB;1
WPALIPS.OLB;1        WPAPECO.OLB;1          WPASORT.OLB;1
WPCOPY.SCP;1         WPDECDX.COM;1          WPPRTEXIT.SCP;1
WPPRUNOFF.COM;1      WPPSPEC.COM;1          WPSDECGET.SCP;1
WPSDECWRT.SCP;1      WPSDEF.WPL;1           WPSFNATT.SCP;1
WPSFNPOS.SCP;1       WPSFNSEPS.SCP;1
```

```
Total of 34 files.
```

B

Sample Installations

This appendix contains sample installations of ALL-IN-1 Version 2.4.

- Section B.1 is a sample listing of a new installation, with no previous version of ALL-IN-1 installed
- Section B.2 is a sample listing of an upgrade from a multilingual ALL-IN-1 Version 2.3 system to ALL-IN-1 Version 2.4
- Section B.3 is a sample listing of an update of ALL-IN-1 Version 2.4
- Section B.4 is a sample listing of an additional language installation

B.1 Sample of a New Installation

This section contains a sample listing of all the output and input when the American English version of ALL-IN-1 Version 2.4 was installed on a system running VMS Version 5.2. The sample was run on a system that had no previous version of ALL-IN-1 installed. The installer chose to:

- Install ALL-IN-1 from magnetic tape
- Integrate WPS-PLUS and ACMS
- Create three shared directories
- Use the ALL-IN-1 directory as the primary directory
- Run the IVPs automatically at the end of the installation

The revision identifier, <rev>, indicates the revision of your ALL-IN-1 Version 2.4 kit.

```
Username:  SYSTEM
Password:
        Welcome to VAX/VMS Version V5.2 on node LYNX
    Last interactive login on Monday, 7-DEC-1989 08:47
    Last non-interactive login on Monday, 7-DEC-1989 08:25

$  set default sys$update
$  @vmsinstal
        VAX/VMS Software Product Installation Procedure V5.2

It is 8-DEC-1989 at 10:26.
Enter a question mark (?) at any time for help.

* Are you satisfied with the backup of your system disk [YES]?  YES
* Where will the distribution volumes be mounted:  TAPE0

Enter the products to be processed from the first distribution volume set.
* Products:  A1024
* Enter installation options you wish to use (none):
Please mount the first volume of the set on TAPE0:.
* Are you ready?  YES
%MOUNT-I-MOUNTED, A11024 mounted on _LYNX$TAPE0:

The following products will be processed:

  A1 V2.4

        Beginning installation of A1 V2.4 at 10:26

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
%VMSINSTAL-I-RELMOVED, The products release notes have been successfully
moved to SYS$HELP.

This is the BASE component of the ALL-IN-1 V2.4 SDC multiple-media kit

    Using the FULL ALL-IN-1 V2.4 kit, the following types of installation
    can be performed :-

        (1)     First full installation of ALL-IN-1
        (2)     Upgrade of ALL-IN-1 V2.3 to ALL-IN-1 V2.4
        (3)     Update of ALL-IN-1 V2.4
        (4)     Installation of an additional language
        (5)     Upgrade of an additional existing ALL-IN-1 V2.3 language
        (6)     Update of an existing ALL-IN-1 V2.4 language
        (7)     Register licenses for pre-requisite software

* What type of installation do you wish to perform [1]:  1

This is a FULL ALL-IN-1 V2.4 installation on a clean machine.

Media TAPE0:A11024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted media labeled A11024. Please mount the MARKET kit media which
is labeled A12024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct media mounted, NO to terminate installation?  YES
```

```
%MOUNT-I-MOUNTED, A12024 mounted on _LYNX$TAPE0:
%A1CUS-I-RECOUK, Restoring the MARKET kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...

Media TAPE0:A12024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted media labeled A12024. Please mount the LANGUAGE kit media which
is labeled A13024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct media mounted, NO to terminate installation?  YES

%MOUNT-I-MOUNTED, A13024 mounted on _LYNX$TAPE0:
%A1LENGLISH-I-RELANK, Restoring the LANGUAGE kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...

   This is the ENGLISH version of ALL-IN-1 V2.4

* Does this product have an authorization key registered and loaded [YES]?
YES
%LMF-I-GOTLICENSE,  An ALLIN1 license is installed and loaded
%LMF-I-CHKSWLIC,  Checking licenses for prerequisite software
%LMF-I-CONFLICENSE,  All necessary licenses are installed and loaded

If DATATRIEVE is only occasionally used within ALL-IN-1 it is suggested that
you answer NO to the next question. You will still be able to use DATATRIEVE
within ALL-IN-1, but you will avoid the overhead of having it physically
linked with the ALL-IN-1 image. If you need to use a DATATRIEVE image other
than SYS$SHARE:DTRSHR.EXE then you MUST answer YES to the following
    question.

* Do you want to incorporate DATATRIEVE [NO]?  NO
%A1LENGLISH-I-DTRNOLINK, DATATRIEVE will not be linked with ALL-IN-1

        If you wish to have the WPS-PLUS editor available then answer YES
        to the following question. If you answer NO, then your users will
        not be able to access the WPS-PLUS editor. Note this will also
        impact SPELL and MERGE functions.

   NOTE: You will be able to link WPS-PLUS in at a later time, should you
   choose not to link it now.

* Do you want to incorporate WPS-PLUS [YES]?  YES
%A1LENGLISH-I-WPSLINK, The WPS-PLUS editor will be linked with ALL-IN-1

   If you wish to interface with ACMS, then answer YES to the following
   questions.

   NOTE:

        o ACMS needs to be installed before ALL-IN-1.

        o If the user answers yes and the relavent ACMS files are
          present then the interface will get built. If they are not
          then the default is to abort the link, in order to remedy it.

* Do you want to incorporate ACMS [NO]?  YES
%A1LENGLISH-I-ACMSLINK, ACMS will be linked with ALL-IN-1

%A1LENGLISH-I-DDIF, Checking CDA support software prerequisites
%A1LENGLISH-I-DDIF, CDA integration will be supported
```

```
     If you answer YES to this then you will produce TWO images -
  OA$MAIN.EXE and OALLVlanguage.EXE.  This will allow more than one
  image to be installed.

* Do you want to build a MULTI-LANGUAGE system [NO]?  NO
%A1LENGLISH-I-NOMLLINK, ALL-IN-1 will be linked as a single language system

  ALL-IN-1 allows you to select a default date format for each language
  you have installed. This will become the default ALL-IN-1 date format
  for each user (on a per language basis). This may be changed by user
  through the Set Working Conditions option.

          Alphanumeric Date  Numeric Date

     1      DD-MMM-YYYY       MM/DD/YY        (Standard Default)
     2      DD-MMM-YYYY       DD/MM/YY
     3      DD-MMM-YYYY       YY/MM/DD
     4      YYYY-MMM-DD       MM/DD/YY
     5      YYYY-MMM-DD       DD/MM/YY
     6      YYYY-MMM-DD       YY/MM/DD

* Which date format do you require [1]:  1
%A1LENGLISH-I-DATEFORMAT, Date format DD-MMM-YYYY and MM/DD/YY (1) has been
selected

* What will be the greatest number of simultaneous ALL-IN-1 users:  5
* Which batch queue would you like to use for sending/receiving mail
[SYS$BATCH]:  SYS$BATCH
* Do you want to use Message Router to send/receive messages to/from other
systems [NO]?  YES

* Do you want to use a Message Router on another node [NO]?  NO
* What level of Mail directory support do you want [0/1/2] [0]:  1

* Enter password for the Mail directory user agent account:  A1MAIL

* Please confirm the Mail directory password specified:  A1MAIL


* What password do you want to use for the ALL-IN-1 Message Router mailbox:
LYNX_A1

* Please confirm the password you have specified:  LYNX_A1

* Do you want to translate outgoing WPS-PLUS and DX messages to ASCII [NO]?
NO

%A1LENGLISH-I-CHKSWPR, Checking MANDATORY and OPTIONAL SW prerequisites

%A1LENGLISH-I-CHKQUOT, Checking process quotas for the current process
%A1LENGLISH-I-CHKIDNT, Checking ALL-IN-1 general identifiers
%A1LENGLISH-I-CHKTRAC, Checking ALL-IN-1 transfer accounts
%A1LENGLISH-I-CHKVMSV, Checking VAX/VMS version
%A1LENGLISH-I-CHKLIBS, Checking required shareable libraries are installed
%A1LENGLISH-I-CHKFMSV, Checking VAX/FMS version
%A1LENGLISH-I-CHKMROV, Checking Message Router version
%A1LENGLISH-I-CHKPARA, Checking system parameters
```

```
        All software checks have been successful.
        Installation will continue.

%A1LENGLISH-I-CHKDISK, Checking DISK SPACE

* Which device will hold the ALL-IN-1 shared library files [SYS$SYSDEVICE:]:
SYS$SYSDEVICE
* Which device will hold the ALL-IN-1 shared data files [SYS$SYSDEVICE:]:
SYS$SYSDEVICE
* Which device will hold the ALL-IN-1 ENGLISH language files
[SYS$SYSDEVICE:]:  SYS$SYSDEVICE
* Which device will hold the ALL-IN-1 mail area SDAF file [SYS$SYSDEVICE:]:
SYS$SYSDEVICE
* How many shared directories do you want to create [1]:  3
* Which device will hold the ALL-IN-1 shared directory SHARE1
[SYS$SYSDEVICE:]:  SYS$SYSDEVICE
* Which device will hold the ALL-IN-1 shared directory SHARE2
[SYS$SYSDEVICE:]:  SYS$SYSDEVICE
* Which device will hold the ALL-IN-1 shared directory SHARE3
[SYS$SYSDEVICE:]:  SYS$SYSDEVICE

        NO missing DISK SPACE prerequisites discovered.
        The installation will continue.

* What VMS username do you want to use for ALL-IN-1 manager's account
[ALLIN1]:  ALLIN1

* What password do you want to use for this account:  LYNX_SAMPLE

* Please confirm the password you have specified:  LYNX_SAMPLE

* What UIC do you want to use for account ALLIN1:  1,100
* What default device you want to use for ALL-IN-1 manager's account
[SYS$SYSDEVICE:]:  SYS$SYSDEVICE
* What default directory do you want to use for ALL-IN-1 manager's account?
[ALLIN1]:  ALLIN1

A DISKQUOTA entry will be added for UIC [1,100] on SYS$SYSDEVICE:.
The DISKQUOTA entry has been added, with a PERMANENT quota of 10000
and an OVERDRAFT quota of 1000.

A DISKQUOTA entry on SYS$SYSDEVICE: for UIC [1,100] will now be modified.
The DISKQUOTA entry has been modified to: PERMANENT quota of 62500
and OVERDRAFT quota of 5000.
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1].
%VMSINSTAL-I-ACCOUNT, This installation creates an account named ALLIN1.
%UAF-I-ADDMSG, user record successfully added
%UAF-I-RDBADDMSGU, identifier ALLIN1 value: [000001,000100] added to
RIGHTSLIST.DAT
%VMSINSTAL-I-ACCOUNT, This installation updates an account named ALLIN1.
%UAF-I-MDFYMSG, user record(s) updated

* What UIC do you want for the A1$XFER_IN account?:  [500,1]
* What UIC do you want for the A1$XFER_OUT account?:  [500,2]

%VMSINSTAL-I-ACCOUNT, This installation creates an ACCOUNT named A1$XFER_IN.
%UAF-I-ADDMSG, user record successfully added
```

```
%UAF-I-RDBADDMSGU, identifier A1$XFER_IN value [00500,000001] added to
    RIGHTSLIST

A DISKQUOTA entry will be added for UIC [500,1] on SYS$SYSDEVICE:.
The DISKQUOTA entry has been added, with a PERMANENT quota of 50000
and an OVERDRAFT quota of 5000


%VMSINSTAL-I-ACCOUNT, This installation creates an ACCOUNT named
    A1$XFER_OUT.
%UAF-I-ADDMSG, user record successfully added

%UAF-I-RDBADDMSGU, identifier A1$XFER_OUT value [00500,000002] added to
    RIGHTSLIST

A DISKQUOTA entry will be added for UIC [500,2] on SYS$SYSDEVICE:.
The DISKQUOTA entry has been added, with a PERMANENT quota of 50000
and an OVERDRAFT quota of 5000


%A1LENGLISH-I-CREATID, Create ALL-IN-1 RIGHTS identifiers ...

A DISKQUOTA entry will be added for UIC OA$PRVAPP on SYS$SYSDEVICE:.
The DISKQUOTA entry has been added, with a PERMANENT quota of 1000
and an OVERDRAFT quota of 1000.

A DISKQUOTA entry on SYS$SYSDEVICE: for UIC OA$PRVAPP will now be modified.
The DISKQUOTA entry has been modified to: PERMANENT quota of 1000
and OVERDRAFT quota of 1000.
%A1LENGLISH-I-GRANTID, Grant ALL-IN-1 general identifiers to UIC [1,100] ...

* Enter ALL-IN-1 top-level directory required for the shared library files
[ALLIN1]:  ALLIN1
* Enter ALL-IN-1 top-level directory required for the shared data files
[ALLIN1]:  ALLIN1
* Enter ALL-IN-1 top-level directory required for all ENGLISH language files
[ALLIN1]:  ALLIN1
* Enter ALL-IN-1 top-level directory required for the mail area SDAF file
[ALLIN1]:  ALLIN1
* What directory will hold the shares directories on SYS$SYSDEVICE:
[ALLIN1]:  ALLIN1
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.MSG].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.UDP].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC0].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC1].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC2].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC3].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC4].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
```

```
SYS$SYSDEVICE:[ALLIN1.MGR.DOC5].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC6].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC7].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC8].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.MGR.DOC9].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.MSG].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.UDP].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC0].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC1].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC2].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC3].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC4].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC5].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC6].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC7].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC8].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.POSTMASTE.DOC9].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.MSG].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.UDP].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC0].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC1].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC2].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC3].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC4].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC5].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
```

```
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC6].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC7].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC8].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVPUSER.DOC9].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.TRANSFER_OUTGOING].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1TRANSFER_INCOMING].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.LIB_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.LOG].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.DO_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.BLP_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SCP_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.LIB_SHARE.USER].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.PRINT].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SOURCES].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SYSTEM_LISTS].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.DATA_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.BLP_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.CBI_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.DATA_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.DO_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.IVP_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.LIB_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.LLV_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SCP_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.LIB_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.DO_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
```

```
SYS$SYSDEVICE:[ALLIN1.SITE.BLP_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.SCP_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.DEV_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.SOURCES_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.DATA_SHARE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.DATA_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.LIB_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.DO_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.BLP_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.SCP_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.SOURCES_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SITE.DEV_ENGLISH].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SHARED_E].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SHARE1].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SHARE2].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1.SHARE3].

* Do you want to run the IVP after the installation [YES]?  YES
%A1LENGLISH-I-KITREVS, The following items will be installed:

%A1LENGLISH-I-BASEREV, ALL-IN-1 BASE kit        - Revision <rev>
%A1LENGLISH-I-CTRYREV, ALL-IN-1 US MARKET kit   - Revision <rev>
%A1LENGLISH-I-LANGREV, ALL-IN-1 ENGLISH LANGUAGE kit  - Revision <rev>
%A1LENGLISH-I-ASKDONE, All questions have now been completed.
%A1LENGLISH-I-ONEMEDEX, One more media change required before installation
can continue unaided.
VMSINSTAL-I-RESTORE, Restoring product saveset C...
VMSINSTAL-I-RESTORE, Restoring product saveset D...
VMSINSTAL-I-RESTORE, Restoring product saveset E...
VMSINSTAL-I-RESTORE, Restoring product saveset F...
VMSINSTAL-I-RESTORE, Restoring product saveset G...
VMSINSTAL-I-RESTORE, Restoring product saveset H...

Tape TAPE0:A13024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted tape labeled A13024. Please mount the BASE kit tape which
is labeled A11024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct tape mounted, NO to terminate installation?  YES
```

```
%MOUNT-I-MOUNTED, A11024 mounted on _LYNX$TAPE0:
%A1-I-REMBKSS, Restoring any remaining BASE kit  savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...
%VMSINSTAL-I-RESTORE, Restoring product saveset C...
%VMSINSTAL-I-RESTORE, Restoring product saveset D...
%VMSINSTAL-I-RESTORE, Restoring product saveset E...
%A1-I-A1LINK, Starting to link images

Building shared image modules
Shared image modules built
Linking the OA$MAIN image
   .
   .
   .
%A1-I-A1LINKED, Finished linking images

 During the installation, a file called A1V24START.COM has been added
 to SYS$MANAGER:

 A document outlining the changes affecting your users has been added
 to the MANAGER'S directory. Please distribute USERCHANGES.WPL to your
 users after installation.

****************************************************************************
****************************************************************************
*                                                                          *
*The VMS site-dependent start-up file should have the following line added:*
*                                                                          *
*           $ @SYS$MANAGER:A1V24START SYS$SYSDEVICE:[ALLIN1.DATA_SHARE]    *
*                                                                          *
*           where SYS$SYSDEVICE:[ALLIN1.DATA_SHARE] is the location of the *
*           ALL-IN-1 configuration file -- A1CONFIG.DAT                    *
*                                                                          *
*This procedure must be invoked before users can successfully use ALL-IN-1 *
*                                                                          *
****************************************************************************
****************************************************************************


During the installation, a second file called A1WPSPLUS_LOGIN.COM,

has been added to SYS$MANAGER.

This file must be run at system login time OR from each user's LOGIN.COM.
Please refer to the Installation Guide for details.

%A1-I-RNEPROF, Running command procedure EPROFIL.CA1
%OA-I-LASTLINE, "ALL-IN-1 running -- opening form libraries"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating BASE data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating PROFILE.DAT"
%OA-I-LASTLINE, "ALL-IN-1 running -- populating BASE data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating LANGUAGE data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating WPS-PLUS data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating CBI data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- removing any old form libraries and
    TXLs"
%OA-I-LASTLINE, "You may ignore any NO SUCH GLOBAL SECTION messages"
```

```
                SYSTEM finished using ALL-IN-1 at 8-Dec-1989 11:40

%OA-I-LASTLINE, "ALL-IN-1 running -- compiling form libraries..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling OAFORM..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling MEMRES..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling SITEOAFORM..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling SITEMEMRES..."
%OA-I-LASTLINE, "ALL-IN-1 running -- form libraries compiled"
%OA-I-LASTLINE, "ALL-IN-1 running -- data file and form processing complete"

                SYSTEM finished using ALL-IN-1 at 8-Dec-1989 11:44

%A1-I-SETACL, Setting ACL's
%A1-I-SETACL, Setting global buffers

The installation procedure for ALL-IN-1 V2.4 has now completed
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target
    directories...


    The IVP for ALL-IN-1 V2.4 takes about 30 minutes to run. This will
 vary according to the system that it is running on.

       It will first of all run SYS$MANAGER:A1V24START to initialise
 ALL-IN-1 logical names and to install the various images required. It
 also will clear the VMS account name associated with the ALL-IN-1 IVP
 account. Should the IVPs fail to reset the VMS username in the PROFILE,
 then please reset it to the same as the MANAGER vms username as soon as
 possible, by doing the following:

   $ALLIN1/NOINIT
   Enter CMD: WRITE CHANGE PROFIL USER="IVP",VMSUSR="ALLIN1"

    If the IVPs fail then please investigate the log files found in
 OA$IVP. There is an additional log file in SYS$MANAGER called
 ALLIN1IVP.LOG containing the  messages from running ALL-IN-1 IVPs.
 This may sometimes prove useful, for instance if ALL-IN-1 fails to
 run, it can be seen in this file. To run the IVPs again type:

   $SET PROC/PRIV=(NOBYPASS,ALL)
   $ALLIN1/USER=IVP

    Use the various options on the menu that is presented to run parts
 of the IVP or all of it. The  "ALL" option is what is run during the
 installation phase IVPs. See  the System Management Guide for more
 details.

   As an aid to finding problems then please read IVPHINTS.MEM in
 OA$IVP:

%A1IVP-I-IVPSTART,Running startup for ALL-IN-1 .
```

```
        Starting ALL-IN-1
        Installing ALL-IN-1 images
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGSPLCOM.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGOSENVR.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>MAILCOUNT.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>OA$MAIN.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>OA$SUBMIT.EXE
        Defining language independent logical names
        Defining ENGLISH language logical names
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>OA$LLVENGLISH.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGSPLENG.EXE

        Running ALL-IN-1 to install the ENGLISH FORM LIBRARIES

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""

        Running ALL-IN-1 to define SHARED AREA logicals

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""

        Starting the TM SERVER
        Starting OA$FCV
        Starting the MAIL Sender and Fetcher
        ALL-IN-1 startup procedure completed

%A1IVP-I-IVPFINISH,Finished running startup for ALL-IN-1 .
%A1IVP-I-IVPSTART,Running IVPs for ALL-IN-1 .

%A1IVP-I-IVPFINISH,The IVPs for ALL-IN-1 have finished .

Log File for ALL option
-----------------------
! Starting verification of interface with VMS.
!
! Starting verification of form library compilation.
! Checksum of FLC should be (6D4C620C).
! Test of form library compilation has passed.
! IVP checksum of form library = 6D4C620C.
! Finished verifying form library compilation.
!
! Starting verification of CLI interface.
! CLI symbol ivpclistatus = ALL-IN-1 V2.4.
! verification of CLI interface has passed.
! Finished verifying CLI interface.
!
! Verification of interface with VMS has PASSED.
!
! Verification of interface with VMS has finished.
```

```
%OAIVP-I-PASSED, File check for ALL-IN-1 has passed.
```

```
0     ! "Running editor check"
23     ! "EDT/WPS test."
252     ! "    first address line check"
258     ! "    second address line check"
265     ! "    third address line check"
270     ! "    fourth address line check"
275     ! "    date check"
282     ! "    day check"
286     ! "    ALL-IN-1 username check"
289     ! "     job title check"
293     ! "EDT/WPS check PASSED."
498     ! "WPS-PLUS check starting."
935     ! "WPS-PLUS check finished."
!     Merged list checksum is 805719118
!         Correct checksum is 805719118
951     ! "WPS-PLUS check PASSED"
955     ! "Editor check PASSED."
960     ! "Editor check finished."
```

```
IWP output files follow...
```

```
Text created by EDT/WPS check
-----------------------------
                                                  DECPARK,
                                                  WORTON GRANGE,
                                                  READING,
                                                  BERKSHIRE.
                                               Thursday, 28-Jul-1989.
Dear IVP user,
        This is a test of the integration of EDT with ALL-IN-1.
        If the address,day,date, and name and job title have been
        substituted with the values of the IVP account then ALL-IN-1
        and EDT are interacting correctly.
        Yours Sincerely,
                IVP USER,
                    INSTALLATION VERIFICATION
```

```
Text created by WPS-PLUS check
------------------------------
                                                      OA Sales Department,
                                                  Digital Equip. Corp.,
                                                    DECpark,
                                                     Worton Grange,
                                                            Reading,Berks.
                                                  (0734) 868711
Kate Jelly,
Office Equipment Ltd,
666 London Rd,
Reading.
(0734) 663666.
Dear Kate,
  As a user of ALL-IN-1 V2.2 on your VAX/VMS 8800, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                       OA Sales Department,
                                                   Digital Equip. Corp.,
                                                     DECpark,
                                                      Worton Grange,
                                                             Reading,Berks.
                                                   (0734) 868711
Susie Coggles,
Art Equipment Ltd,
69 London Rd,
Reading.
(0734)  696969.
Dear Susie,
  As a user of ALL-IN-1 V2.1/BEV on your VAX/VMS 8650, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                OA Sales Department,
                                            Digital Equip. Corp.,
                                              DECpark,
                                               Worton Grange,
                                                      Reading,Berks.
                                            (0734) 868711
Jenny Dagleish,
Art Equipment Ltd,
31 Reading Gardens,
Reading.
(0734) 251017.
Dear Jenny,
  As a user of ALL-IN-1 V2.2 on your VaxStation 2000, you may be interested
  to know that Digital’s OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It’s many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                        OA Sales Department,
                                                    Digital Equip. Corp.,
                                                      DECpark,
                                                       Worton Grange,
                                                              Reading,Berks.
                                                    (0734) 868711
Ruth Calladine ,
Nutters Catering Compnay,
73 Watlington Street,
Reading.
(0734) 956435.
Dear Ruth,
  As a user of ALL-IN-1 V2.1/BEV on your VaxStation/GPX, you may be
    interested
  to know that Digital’s OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It’s many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711)
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
%OAIVP-I-INST, SYS$SYSDEVICE:[ALLIN1.LIB_SHARE]OA$MAIN.EXE;1 is installed.

%OAIVP-I-INST, SYS$SYSDEVICE:[ALLIN1.LIB_SHARE]OA$SUBMIT.EXE;1 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSEXE]OA$FORMATTER.EXE;25 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]FDVMSG.EXE;1 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]DPEMSG.EXE;17 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]XPORTMSG.EXE;74 is installed.

%OAIVP-I-PASSED, Message check for ALL-IN-1 has passed.

LOG OF THE VERIFICATION OF ALL-IN-1 MESSAGES:
---------------------------------------------

This should contain the string V2.4...

Enter CMD: VERSION
%OA-I-VERSION, ALL-IN-1 Version 2.4 8-Dec-1989

 This should produce an Informational level message,
 and an RMS-E-FNF error

Enter CMD: OA$FLO_OPEN  THIS_IS_A_TEST
%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
-RMS-E-FNF, file not found
%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
-RMS-E-FNF, file not found

 This should produce a Warning level message...

Enter CMD: OA$SYM_GET_SYMBOL     THIS_IS_A_TEST
%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found

 This should produce a Error level message...

Enter CMD: OA$FBT_WRITE_LIBRARY THIS_IS_A.TEST
%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library

 FATAL level error messages cause the image to stop,
  so they are not tested.
```

```
! Demonstrating directory application.
! Verifying directory application.
! Demonstration of application has passed.
! Finished demonstrating application
                        Personal Phone Directory Full Listing
Date: 07/28/88                                                   Page:1
   .
   .
   .
! Running create account check
3801       ! "Running create account check"
4105       ! "Flushing unread mail "
4111       ! "Deleting profile and template "
4114       ! "Deleted profile and template"
4114       ! "Deleting VMS account and identifier"
4118       ! "Deleted VMS account"
4122       ! "Account is clean"
4138       ! "Creating account"
! Batch job creating account has finished
4809       ! "Finished creating account"
4810       ! "Starting mail send check"
! The user agent is unknown in the mail directory
5694       ! "Sent message checksum: 1835745907"
5696       ! "Received message checksum: 1835745907"
! Account create check has passed, checksums match
5704       ! "Account create check has passed, checksums match"
5799       ! "Deleting account"
6022       ! "Finished deleting account"
6030       ! "Create account check finished"
! Create account check finished
! Verifying Mail directory
! ALL-IN-1 Mail directory useragent name should be OA$LYNX$ALLIN1
! The following Mail directory useragent entries exist:
! ( DIGITAL MBMAN MASTER OBJECT )
! ( OA$LYNX$ALLIN1 )
! The Mail directory useragent entry for ALL-IN-1 which matched is
OA$LYNX$ALLIN1
! Mail directory verification has PASSED.
! Starting MR verification.
! MR verification has PASSED.
!
! Both tests have passed.
Verifying ALL-IN-1's interface with Message Router.
---------------------------------------------------
Lowest valid version of MR is V3.
Your current version of MR is MR V3.0-044.
MR version correct.
MR Mailbox entry for ALL-IN-1 verified to be A1.
Message Router IVP has PASSED.
End of Message Router IVP.
! Finished verifying Mail directory and MR.
```

```
! Running electronic mail check
6592             ! "Running electronic mail check"
7115             ! " Sent message checksum: 1835680371 "
7117             ! " Received message checksum: 1835680371 "
7123             ! "Electronic mail check has PASSED, checksums match."
7193             ! "Electronic mail check finished."
! Electronic mail check finished.

%A1IVP-I-IVPPASS,The IVPs for ALL-IN-1 V2.4 have passed.
        Installation of A1 V2.4 completed at 12:34

Enter the products to be processed from the next distribution volume set.
* Products:

        VMSINSTAL procedure done at 12:35
```

B.2 Sample of an Upgrade Installation from ALL-IN-1 Version 2.3

This section contains a sample listing of all the output and input when the American English version of ALL-IN-1 Version 2.3 was upgraded to ALL-IN-1 Version 2.4, on a system running VMS Version 5.1. The ALL-IN-1 Version 2.3 system had WPS-PLUS and DATATRIEVE integrated. The installer chose to:

- Install ALL-IN-1 from magnetic tape
- Integrate WPS-PLUS and ACMS
- Create three shared directories
- Use the ALL-IN-1 directory as the primary directory
- Run the IVPs automatically at the end of the installation

The revision identifier, <rev>, indicates the revision of your ALL-IN-1 Version 2.4 kit.

```
Username:  SYSTEM
Password:
        Welcome to VAX/VMS Version V5.1 on node LYNX
    Last interactive login on Monday, 7-DEC-1989 08:47
    Last non-interactive login on Monday, 7-DEC-1989 08:25

$  set default sys$update
$  @vmsinstal

        VAX/VMS Software Product Installation Procedure V5.1

It is 8-DEC-1989 at 10:26.
Enter a question mark (?) at any time for help.
```

```
%VMSINMSTAL-W-DECNET, Your DECnet network is up and running.
* Do you want to continue anyway [NO]?  YES
* Are you satisfied with the backup of your system disk [YES]?  YES
* Where will the distribution volumes be mounted:  TAPE0

Enter the products to be processed from the first distribution volume set.
* Products:  A1024
* Enter installation options you wish to use (none):
Please mount the first volume of the set on TAPE0:.
* Are you ready?  YES
%MOUNT-I-MOUNTED, A11024 mounted on _LYNX$TAPE0:

The following products will be processed:

  A1 V2.4

        Beginning installation of A1 V2.4 at 10:26

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
%VMSINSTAL-I-RELMOVED, The products release notes have been successfully
moved to SYS$HELP.

This is the BASE component of the ALL-IN-1 V2.4 SDC multiple-media kit


    Using the FULL ALL-IN-1 V2.4 kit, the following types of installation
    can be performed :-

        (1)     First full installation of ALL-IN-1
        (2)     Upgrade of ALL-IN-1 V2.3 to ALL-IN-1 V2.4
        (3)     Update of ALL-IN-1 V2.4
        (4)     Installation of an additional language
        (5)     Upgrade of an additional existing ALL-IN-1 V2.3 language
        (6)     Update of an existing ALL-IN-1 V2.4 language
        (7)     Register licenses for pre-requisite software

* What type of installation do you wish to perform [1]:  2

This is an UPGRADE from ALL-IN-1 V2.3 to ALL-IN-1 V2.4.


                                  ***CAUTION***
   Your system has been configured as a MULTI-LINGUAL system.  After you
   have upgraded your base system, you must also upgrade all additional
   language systems. You will not be able to use your additional language
   systems until they have been upgraded to the same version as your base
   system.


Media TAPE0:A11024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted media labeled A11024. Please mount the MARKET kit media which
is labeled A12024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct media mounted, NO to terminate installation?  YES

%MOUNT-I-MOUNTED, A12024 mounted on _LYNX$TAPE0:
%A1CUS-I-RECOUK, Restoring the MARKET kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...

Media TAPE0:A12024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted media labeled A12024. Please mount the LANGUAGE kit media which
is labeled A13024 and reply to the prompt below  (Answer NO to exit).
```

```
* Type YES when correct media mounted, NO to terminate installation?  YES

%MOUNT-I-MOUNTED, A13024 mounted on _LYNX$TAPE0:
%A1LENGLISH-I-RELANK, Restoring the LANGUAGE kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...

   This is the ENGLISH version of ALL-IN-1 V2.4

* Does this product have an authorization key registered and loaded [YES]?
YES
%LMF-I-GOTLICENSE,  An ALLIN1 license is installed and loaded
%LMF-I-CHKSWLIC,  Checking licenses for prerequisite software
%LMF-I-CONFLICENSE,  All necessary licenses are installed and loaded

* Do you want to purge files replaced by this installation?  YES

If DATATRIEVE is only occasionally used within ALL-IN-1 it is suggested that
you answer NO to the next question. You will still be able to use DATATRIEVE
within ALL-IN-1, but you will avoid the overhead of having it physically
linked with the ALL-IN-1 image. If you need to use a DATATRIEVE image other
than SYS$SHARE:DTRSHR.EXE then you MUST answer YES to the following
    question.

* Do you want to incorporate DATATRIEVE [NO]?  NO
%A1LENGLISH-I-DTRNOLINK, DATATRIEVE will not be linked with ALL-IN-1

        If you wish to have the WPS-PLUS editor available then answer YES
        to the following question. If you answer NO, then your users will
        not be able to access the WPS-PLUS editor. Note this will also
        impact SPELL and MERGE functions.

   NOTE: You will be able to link WPS-PLUS in at a later time, should you
   choose not to link it now.

* Do you want to incorporate WPS-PLUS [YES]?  YES
%A1LENGLISH-I-WPSLINK, The WPS-PLUS editor will be linked with ALL-IN-1

   If you wish to interface with ACMS, then answer YES to the following
   questions.

   NOTE:

        o ACMS needs to be installed before ALL-IN-1.

        o If the user answers yes and the relavent ACMS files are
          present then the interface will get built. If they are not
          then the default is to abort the link, in order to remedy it.

* Do you want to incorporate ACMS [NO]?  YES
%A1LENGLISH-I-ACMSLINK, ACMS will be linked with ALL-IN-1

%A1LENGLISH-I-DDIF, Checking CDA support software prerequisites
%A1LENGLISH-I-DDIF, CDA integration will be supported

        If you answer YES to this then you will produce TWO images -
   OA$MAIN.EXE and OALLVlanguage.EXE.  This will allow more than one
   image to be installed.

* Do you want to build a MULTI-LANGUAGE system [NO]?  YES
%A1LENGLISH-I-MLLINK, ALL-IN-1 will be linked as a multi-language system
```

```
   ALL-IN-1 allows you to select a default date format for each language
   you have installed. This will become the default ALL-IN-1 date format
   for each user (on a per language basis). This may be changed by user
   through the Set Working Conditions option.

            Alphanumeric Date  Numeric Date

        1      DD-MMM-YYYY       MM/DD/YY        (Standard Default)
        2      DD-MMM-YYYY       DD/MM/YY
        3      DD-MMM-YYYY       YY/MM/DD
        4      YYYY-MMM-DD       MM/DD/YY
        5      YYYY-MMM-DD       DD/MM/YY
        6      YYYY-MMM-DD       YY/MM/DD

* Which date format do you require [1]:  1
%A1LENGLISH-I-DATEFORMAT, Date format DD-MMM-YYYY and MM/DD/YY (1) has been
selected

* What will be the greatest number of simultaneous ALL-IN-1 users:  5
* Which batch queue would you like to use for sending/receiving mail
[SYS$BATCH]:  SYS$BATCH
* Do you want to use Message Router to send/receive messages to/from other
systems [NO]?  YES

* Do you want to use a Message Router on another node [NO]?  NO
* What level of Mail directory support do you want [0/1/2] [0]:  1

* Enter password for the Mail directory user agent account:  A1MAIL

* Please confirm the Mail directory password specified:  A1MAIL


* What password do you want to use for the ALL-IN-1 Message Router mailbox:
LYNX_A1

* Please confirm the password you have specified:  LYNX_A1

* Do you want to translate outgoing WPS-PLUS and DX messages to ASCII [NO]?
NO

%A1LENGLISH-I-CHKSWPR, Checking MANDATORY and OPTIONAL SW prerequisites

%A1LENGLISH-I-CHKQUOT, Checking process quotas for the current process
%A1LENGLISH-I-CHKIDNT, Checking ALL-IN-1 general identifiers
%A1LENGLISH-I-CHKTRAC, Checking ALL-IN-1 transfer accounts


VMS account named A1$XFER_IN, which should be used for ALL-IN-1
purposes only, was already created before this installation.

You have two options:

 1. Answer YES if you want the existing A1$TRANSFER account to be used
    for ALL-IN-1 purposes ONLY. Note that in this case, some characteristics
    of the account (e.g. UIC, PASSWORD, ACCESS type) may be changed during
    the installation.
 2. Answer NO to stop the installation, correct the problem and then start
    again.
```

```
* Do you want to use the existing A1$XFER_IN account [NO]?  YES

VMS account named A1$XFER_OUT, which should be used for ALL-IN-1
purposes only, was already created before this installation.

You have two options:

 1. Answer YES if you want the existing A1$TRANSFER account to be used
    for ALL-IN-1 purposes ONLY. Note that in this case, some characteristics
    of the account (e.g. UIC, PASSWORD, ACCESS type) may be changed during
    the installation.
 2. Answer NO to stop the installation, correct the problem and then start
    again.

* Do you want to use the existing A1$XFER_OUT account [NO]?  YES

%A1LENGLISH-I-CHKVMSV, Checking VAX/VMS version
%A1LENGLISH-I-CHKLIBS, Checking required shareable libraries are installed
%A1LENGLISH-I-CHKFMSV, Checking VAX/FMS version
%A1LENGLISH-I-CHKMROV, Checking Message Router version
%A1LENGLISH-I-CHKPARA, Checking system parameters

        All software checks have been successful.
        Installation will continue.

%A1LENGLISH-I-CHKDISK, Checking DISK SPACE

        NO missing DISK SPACE prerequisites discovered.
        The installation will continue.

* What is the existing VMS username for the ALL-IN-1 manager's account
    [ALLIN1]:  ALLIN1

            OWNER      =  ALLIN1
            USERNAME   =  ALLIN1
            UIC        =  [000001,000100]
            ACCOUNT    =  ALLIN1
            PRIVS      =
            PRIORITY   =
            DIRECTORY  =  [ALLIN1]

* Are you sure all the specified account's characteristics are correct
    [YES]?  YES

* What password do you want to use for the ALL-IN-1 TRANSFER accounts:
A1TRANSFER

* Please confirm the password you have specified:  A1TRANSFER

A DISKQUOTA entry will be added for UIC [1,100] on SYS$SYSDEVICE:.
The DISKQUOTA entry has been added, with a PERMANENT quota of 10000
and an OVERDRAFT quota of 1000.
```

```
A DISKQUOTA entry on SYS$SYSDEVICE: for UIC [1,100] will now be modified.
The DISKQUOTA entry has been modified to: PERMANENT quota of 62500
and OVERDRAFT quota of 5000.
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[ALLIN1].
%VMSINSTAL-I-ACCOUNT, This installation creates an ACCOUNT named ALLIN1.
%UAF-I-ADDMSG, user record successfully added
%UAF-I-RDBADDMSGU, identifier ALLIN1 value: [000001,000100] added to
RIGHTSLIST.DAT
%VMSINSTAL-I-ACCOUNT, This installation updates an ACCOUNT named ALLIN1.
%UAF-I-MDFYMSG, user record(s) updated

* What UIC do you want for the A1$XFER_IN account?:  [500,1]
* What UIC do you want for the A1$XFER_OUT account?:  [500,2]

%VMSINSTAL-I-ACCOUNT, This installation creates an account named A1$XFER_IN.
%UAF-I-ADDMSG, user record successfully added


A DISKQUOTA on SYS$SYSDEVICE: for UIC [500,1] will now be modified.
The DISKQUOTA entry has been modified to: PERMANENT quota of 50000
and OVERDRAFT quota of 5000


%VMSINSTAL-I-ACCOUNT, This installation creates an account named
    A1$XFER_OUT.
%UAF-I-ADDMSG, user record successfully added


A DISKQUOTA on SYS$SYSDEVICE: for UIC [500,2] will now be modified.
The DISKQUOTA entry has been modified to: PERMANENT quota of 50000
and OVERDRAFT quota of 5000


%A1LENGLISH-I-CREATID, Create ALL-IN-1 RIGHTS identifiers ...

A DISKQUOTA entry will be added for UIC OA$PRVAPP on SYS$SYSDEVICE:.
The DISKQUOTA entry has been added, with a PERMANENT quota of 1000
and an OVERDRAFT quota of 1000.

A DISKQUOTA entry on SYS$SYSDEVICE: for UIC OA$PRVAPP will now be modified.
The DISKQUOTA entry has been modified to: PERMANENT quota of 1000
and OVERDRAFT quota of 1000.
%A1LENGLISH-I-GRANTID, Grant ALL-IN-1 general identifiers to UIC [1,100] ...

* Do you want to run the IVP after the installation [YES]?  YES
%A1LENGLISH-I-KITREVS, The following items will be installed:

%A1LENGLISH-I-BASEREV, ALL-IN-1 BASE kit        - Revision <rev>
%A1LENGLISH-I-CTRYREV, ALL-IN-1 US MARKET kit   - Revision <rev>
%A1LENGLISH-I-LANGREV, ALL-IN-1 ENGLISH LANGUAGE kit  - Revision <rev>
%A1LENGLISH-I-ASKDONE, All questions have now been completed.
%A1LENGLISH-I-ONEMEDEX, One more media change required before installation
can continue unaided.
VMSINSTAL-I-RESTORE, Restoring product saveset C...
VMSINSTAL-I-RESTORE, Restoring product saveset D...
VMSINSTAL-I-RESTORE, Restoring product saveset E...
VMSINSTAL-I-RESTORE, Restoring product saveset F...
VMSINSTAL-I-RESTORE, Restoring product saveset G...
VMSINSTAL-I-RESTORE, Restoring product saveset H...
```

```
Tape TAPE0:A13024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted tape labeled A13024. Please mount the BASE kit tape which
is labeled A11024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct tape mounted, NO to terminate installation?  YES

%MOUNT-I-MOUNTED, A11024 mounted on _LYNX$TAPE0:
%A1-I-REMBKSS, Restoring any remaining BASE kit  savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...
%VMSINSTAL-I-RESTORE, Restoring product saveset C...
%VMSINSTAL-I-RESTORE, Restoring product saveset D...
%VMSINSTAL-I-RESTORE, Restoring product saveset E...
%A1-I-A1LINK, Starting to link images

Building shared image modules
Shared image modules built
Linking the OA$MAIN image
   .
   .
   .
%A1-I-A1LINKED, Finished linking images

 During the installation, a file called A1V24START.COM has been added
 to SYS$MANAGER:

 A document outlining the changes affecting your users has been added
 to the MANAGER'S directory. Please distribute USERCHANGES.WPL to your
 users after installation.

****************************************************************************
****************************************************************************
*                                                                          *
*The VMS site-dependent start-up file should have the following line added:*
*                                                                          *
*            $ @SYS$MANAGER:A1V24START SYS$SYSDEVICE:[ALLIN1.DATA_SHARE]   *
*                                                                          *
*            where SYS$SYSDEVICE:[ALLIN1.DATA_SHARE] is the location of the*
*            ALL-IN-1 configuration file -- A1CONFIG.DAT                   *
*                                                                          *
*This procedure must be invoked before users can successfully use ALL-IN-1 *
*                                                                          *
****************************************************************************
****************************************************************************


During the installation, a second file called A1WPSPLUS_LOGIN.COM,

has been added to SYS$MANAGER.

This file must be run at system login time OR from each user's LOGIN.COM.
Please refer to the Installation Guide for details.
```

```
%A1-I-RNEPROF, Running command procedure EPROFIL.CA1
%OA-I-LASTLINE, "ALL-IN-1 running -- opening form libraries"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating BASE data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating PROFILE.DAT"
%OA-I-LASTLINE, "ALL-IN-1 running -- populating BASE data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating LANGUAGE data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating WPS-PLUS data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- creating CBI data files"
%OA-I-LASTLINE, "ALL-IN-1 running -- removing any old form libraries and
    TXLs"
%OA-I-LASTLINE, "You may ignore any NO SUCH GLOBAL SECTION messages"

                SYSTEM finished using ALL-IN-1 at 8-Dec-1989 11:40

%OA-I-LASTLINE, "ALL-IN-1 running -- compiling form libraries..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling OAFORM..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling MEMRES..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling SITEOAFORM..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling SITEMEMRES..."
%OA-I-LASTLINE, "ALL-IN-1 running -- form libraries compiled"
%OA-I-LASTLINE, "ALL-IN-1 running -- data file and form processing complete"

                SYSTEM finished using ALL-IN-1 at 8-Dec-1989 11:44

The installation procedure for ALL-IN-1 V2.4 has now completed
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target
    directories...


    The IVP for ALL-IN-1 V2.4 takes about 30 minutes to run. This will
 vary according to the system that it is running on.

       It will first of all run SYS$MANAGER:A1V24START to initialise
 ALL-IN-1 logical names and to install the various images required. It
 also will clear the VMS account name associated with the ALL-IN-1 IVP
 account. Should the IVPs fail to reset the VMS username in the PROFILE,
 then please reset it to the same as the MANAGER vms username as soon as
 possible, by doing the following:

   $ALLIN1/NOINIT
   Enter CMD: WRITE CHANGE PROFIL USER="IVP",VMSUSR="ALLIN1"

    If the IVPs fail then please investigate the log files found in
 OA$IVP. There is an additional log file in SYS$MANAGER called
 ALLIN1IVP.LOG containing the  messages from running ALL-IN-1 IVPs.
 This may sometimes prove useful, for instance if ALL-IN-1 fails to
 run, it can be seen in this file. To run the IVPs again type:

   $SET PROC/PRIV=(NOBYPASS,ALL)
   $ALLIN1/USER=IVP

    Use the various options on the menu that is presented to run parts
 of the IVP or all of it. The  "ALL" option is what is run during the
 installation phase IVPs. See  the System Management Guide for more
 details.

   As an aid to finding problems then please read IVPHINTS.MEM in
 OA$IVP:
```

```
%A1IVP-I-IVPSTART,Running startup for ALL-IN-1 .

        Starting ALL-IN-1
        Installing ALL-IN-1 images
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGSPLCOM.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGOSENVR.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>MAILCOUNT.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>OA$MAIN.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>OA$SUBMIT.EXE
        Defining language independent logical names
        Defining ENGLISH language logical names
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>OA$LLVENGLISH.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGSPLENG.EXE

        Running ALL-IN-1 to install the ENGLISH FORM LIBRARIES

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""

        Running ALL-IN-1 to define SHARED AREA logicals

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""

        Starting the TM SERVER
        Starting OA$FCV
        Starting the MAIL Sender and Fetcher
        ALL-IN-1 startup procedure completed

%A1IVP-I-IVPFINISH,Finished running startup for ALL-IN-1 .
%A1IVP-I-IVPSTART,Running IVPs for ALL-IN-1 .

%A1IVP-I-IVPFINISH,The IVPs for ALL-IN-1 have finished .

Log File for ALL option
-----------------------
! Starting verification of interface with VMS.
!
! Starting verification of form library compilation.
! Checksum of FLC should be (6D4C620C).
! Test of form library compilation has passed.
! IVP checksum of form library = 6D4C620C.
! Finished verifying form library compilation.
!
! Starting verification of CLI interface.
! CLI symbol ivpclistatus = ALL-IN-1 V2.4.
! verification of CLI interface has passed.
! Finished verifying CLI interface.
!
! Verification of interface with VMS has PASSED.
!
! Verification of interface with VMS has finished.
```

```
%OAIVP-I-PASSED, File check for ALL-IN-1 has passed.
```

```
0     ! "Running editor check"
23     ! "EDT/WPS test."
252     ! "    first address line check"
258     ! "    second address line check"
265     ! "    third address line check"
270     ! "    fourth address line check"
275     ! "    date check"
282     ! "    day check"
286     ! "    ALL-IN-1 username check"
289     ! "     job title check"
293     ! "EDT/WPS check PASSED."
498     ! "WPS-PLUS check starting."
935     ! "WPS-PLUS check finished."
!     Merged list checksum is 805719118
!         Correct checksum is 805719118
951     ! "WPS-PLUS check PASSED"
955     ! "Editor check PASSED."
960     ! "Editor check finished."
```

```
IWP output files follow...
```

```
Text created by EDT/WPS check
-----------------------------
                                                  DECPARK,
                                                  WORTON GRANGE,
                                                  READING,
                                                  BERKSHIRE.
                                               Thursday, 28-Jul-1989.
Dear IVP user,
        This is a test of the integration of EDT with ALL-IN-1.
        If the address,day,date, and name and job title have been
        substituted with the values of the IVP account then ALL-IN-1
        and EDT are interacting correctly.
        Yours Sincerely,
                IVP USER,
                    INSTALLATION VERIFICATION
```

```
Text created by WPS-PLUS check
------------------------------
                                                         OA Sales Department,
                                                     Digital Equip. Corp.,
                                                       DECpark,
                                                        Worton Grange,
                                                               Reading,Berks.
                                                     (0734) 868711
Kate Jelly,
Office Equipment Ltd,
666 London Rd,
Reading.
(0734) 663666.
Dear Kate,
  As a user of ALL-IN-1 V2.2 on your VAX/VMS 8800, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                        OA Sales Department,
                                                    Digital Equip. Corp.,
                                                      DECpark,
                                                       Worton Grange,
                                                              Reading,Berks.
                                                    (0734) 868711
Susie Coggles,
Art Equipment Ltd,
69 London Rd,
Reading.
(0734)  696969.
Dear Susie,
  As a user of ALL-IN-1 V2.1/BEV on your VAX/VMS 8650, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                   OA Sales Department,
                                               Digital Equip. Corp.,
                                                 DECpark,
                                                  Worton Grange,
                                                         Reading,Berks.
                                               (0734) 868711
Jenny Dagleish,
Art Equipment Ltd,
31 Reading Gardens,
Reading.
(0734) 251017.
Dear Jenny,
  As a user of ALL-IN-1 V2.2 on your VaxStation 2000, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                        OA Sales Department,
                                                    Digital Equip. Corp.,
                                                      DECpark,
                                                       Worton Grange,
                                                              Reading,Berks.
                                                    (0734) 868711
Ruth Calladine ,
Nutters Catering Compnay,
73 Watlington Street,
Reading.
(0734) 956435.
Dear Ruth,
  As a user of ALL-IN-1 V2.1/BEV on your VaxStation/GPX, you may be
    interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
%OAIVP-I-INST, SYS$SYSDEVICE:[ALLIN1.LIB_SHARE]OA$MAIN.EXE;1 is installed.

%OAIVP-I-INST, SYS$SYSDEVICE:[ALLIN1.LIB_SHARE]OA$SUBMIT.EXE;1 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSEXE]OA$FORMATTER.EXE;25 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]FDVMSG.EXE;1 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]DPEMSG.EXE;17 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]XPORTMSG.EXE;74 is installed.

%OAIVP-I-PASSED, Message check for ALL-IN-1 has passed.

LOG OF THE VERIFICATION OF ALL-IN-1 MESSAGES:
---------------------------------------------

This should contain the string V2.4...

Enter CMD: VERSION
%OA-I-VERSION, ALL-IN-1 Version 2.4 8-Dec-1989

 This should produce an Informational level message,
 and an RMS-E-FNF error

Enter CMD: OA$FLO_OPEN  THIS_IS_A_TEST
%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
-RMS-E-FNF, file not found
%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
-RMS-E-FNF, file not found

 This should produce a Warning level message...

Enter CMD: OA$SYM_GET_SYMBOL     THIS_IS_A_TEST
%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found

 This should produce a Error level message...

Enter CMD: OA$FBT_WRITE_LIBRARY THIS_IS_A.TEST
%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library

 FATAL level error messages cause the image to stop,
  so they are not tested.
```

```
! Demonstrating directory application.
! Verifying directory application.
! Demonstration of application has passed.
! Finished demonstrating application
                        Personal Phone Directory Full Listing
Date: 07/28/88                                                  Page:1
   .
   .
   .
! Running create account check
3801       ! "Running create account check"
4105       ! "Flushing unread mail "
4111       ! "Deleting profile and template "
4114       ! "Deleted profile and template"
4114       ! "Deleting VMS account and identifier"
4118       ! "Deleted VMS account"
4122       ! "Account is clean"
4138       ! "Creating account"
! Batch job creating account has finished
4809       ! "Finished creating account"
4810       ! "Starting mail send check"
! The user agent is unknown in the mail directory
5694       ! "Sent message checksum: 1835745907"
5696       ! "Received message checksum: 1835745907"
! Account create check has passed, checksums match
5704       ! "Account create check has passed, checksums match"
5799       ! "Deleting account"
6022       ! "Finished deleting account"
6030       ! "Create account check finished"
! Create account check finished
! Verifying Mail directory
! ALL-IN-1 Mail directory useragent name should be OA$LYNX$ALLIN1
! The following Mail directory useragent entries exist:
! ( DIGITAL MBMAN MASTER OBJECT )
! ( OA$LYNX$ALLIN1 )
! The Mail directory useragent entry for ALL-IN-1 which matched is
OA$LYNX$ALLIN1
! Mail directory verification has PASSED.
! Starting MR verification.
! MR verification has PASSED.
!
! Both tests have passed.
Verifying ALL-IN-1's interface with Message Router.
---------------------------------------------------
Lowest valid version of MR is V3.
Your current version of MR is MR V3.0-044.
MR version correct.
MR Mailbox entry for ALL-IN-1 verified to be A1.
Message Router IVP has PASSED.
End of Message Router IVP.
! Finished verifying Mail directory and MR.
```

```
! Running electronic mail check
6592             ! "Running electronic mail check"
7115             ! " Sent message checksum: 1835680371 "
7117             ! " Received message checksum: 1835680371 "
7123             ! "Electronic mail check has PASSED, checksums match."
7193             ! "Electronic mail check finished."
! Electronic mail check finished.

%A1IVP-I-IVPPASS,The IVPs for ALL-IN-1 V2.4 have passed.
        Installation of A1 V2.4 completed at 12:34

Enter the products to be processed from the next distribution volume set.
* Products:

        VMSINSTAL procedure done at 12:35
```

B.3 Sample of an ALL-IN-1 Version 2.4 Update Installation

This section contains a sample listing of all the output and input when a multilingual ALL-IN-1 Version 2.4 system was updated, on a system running VMS Version 5.2. The update installation was performed to include Message Router Version 3.1 and Message Router VMSmail Gateway Version 3.1. The ALL-IN-1 Version 2.4 system had WPS-PLUS and VAX DATATRIEVE integrated. The installer chose to:

- Install ALL-IN-1 from magnetic tape
- Integrate WPS-PLUS and ACMS
- Use the ALL-IN-1 directory as the primary directory
- Run the IVPs automatically at the end of the installation

The revision identifier, <rev>, indicates the revision of your ALL-IN-1 Version 2.4 kit.

```
Username:  SYSTEM
Password:
        Welcome to VAX/VMS Version V5.2 on node LYNX
    Last interactive login on Monday, 7-DEC-1989 08:47
    Last non-interactive login on Monday, 7-DEC-1989 08:25

$  set default sys$update
$  @vmsinstal

        VAX/VMS Software Product Installation Procedure V5.1

It is 8-DEC-1989 at 10:26.
Enter a question mark (?) at any time for help.

* Are you satisfied with the backup of your system disk [YES]?  YES
* Where will the distribution volumes be mounted:  TAPE0
```

```
Enter the products to be processed from the first distribution volume set.
* Products:  A1024
* Enter installation options you wish to use (none):
Please mount the first volume of the set on TAPE0:.
* Are you ready?  YES
%MOUNT-I-MOUNTED, A11024 mounted on _LYNX$TAPE0:

The following products will be processed:

  A1 V2.4

        Beginning installation of A1 V2.4 at 10:26

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
%VMSINSTAL-I-RELMOVED, The products release notes have been successfully
moved to SYS$HELP.

This is the BASE component of the ALL-IN-1 V2.4 SDC multiple-media kit

    Using the FULL ALL-IN-1 V2.4 kit, the following types of installation
    can be performed :-

        (1)     First full installation of ALL-IN-1
        (2)     Upgrade of ALL-IN-1 V2.3 to ALL-IN-1 V2.4
        (3)     Update of ALL-IN-1 V2.4
        (4)     Installation of an additional language
        (5)     Upgrade of an additional existing ALL-IN-1 V2.3 language
        (6)     Update of an existing ALL-IN-1 V2.4 language
        (7)     Register licenses for pre-requisite software

* What type of installation do you wish to perform [1]:  3

This is an UPDATE of ALL-IN-1 V2.4 to ALL-IN-1 V2.4.

                              ***CAUTION***
   Your system has been configured as a MULTI-LINGUAL system.  After you
   have upgraded your base system, you must also upgrade all additional
   language systems. You will not be able to use your additional language
   systems until they have been upgraded to the same version as your base
   system.

Media TAPE0:A11024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted media labeled A11024. Please mount the MARKET kit media which
is labeled A12024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct media mounted, NO to terminate installation?  YES

%MOUNT-I-MOUNTED, A12024 mounted on _LYNX$TAPE0:
%A1CUS-I-RECOUK, Restoring the MARKET kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...

Media TAPE0:A12024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted media labeled A12024. Please mount the LANGUAGE kit media which
is labeled A13024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct media mounted, NO to terminate installation?  YES
```

```
%MOUNT-I-MOUNTED, A13024 mounted on _LYNX$TAPE0:
%A1LENGLISH-I-RELANK, Restoring the LANGUAGE kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...

   This is the ENGLISH version of ALL-IN-1 V2.4

* Does this product have an authorization key registered and loaded [YES]?
YES
%LMF-I-GOTLICENSE,  An ALLIN1 license is installed and loaded
%LMF-I-CHKSWLIC,  Checking licenses for prerequisite software
%LMF-I-CONFLICENSE,  All necessary licenses are installed and loaded

* Do you want to purge files replaced by this installation?  YES

If DATATRIEVE is only occasionally used within ALL-IN-1 it is suggested that
you answer NO to the next question. You will still be able to use DATATRIEVE
within ALL-IN-1, but you will avoid the overhead of having it physically
linked with the ALL-IN-1 image. If you need to use a DATATRIEVE image other
than SYS$SHARE:DTRSHR.EXE then you MUST answer YES to the following
    question.

* Do you want to incorporate DATATRIEVE [NO]?  NO
%A1LENGLISH-I-DTRNOLINK, DATATRIEVE will not be linked with ALL-IN-1

        If you wish to have the WPS-PLUS editor available then answer YES
        to the following question. If you answer NO, then your users will
        not be able to access the WPS-PLUS editor. Note this will also
        impact SPELL and MERGE functions.

   NOTE: You will be able to link WPS-PLUS in at a later time, should you
   choose not to link it now.

* Do you want to incorporate WPS-PLUS [YES]?  YES
%A1LENGLISH-I-WPSLINK, The WPS-PLUS editor will be linked with ALL-IN-1

   If you wish to interface with ACMS, then answer YES to the following
   questions.

   NOTE:

        o ACMS needs to be installed before ALL-IN-1.

        o If the user answers yes and the relavent ACMS files are
          present then the interface will get built. If they are not
          then the default is to abort the link, in order to remedy it.

* Do you want to incorporate ACMS [NO]?  YES
%A1LENGLISH-I-ACMSLINK, ACMS will be linked with ALL-IN-1

%A1LENGLISH-I-DDIF, Checking CDA support software prerequisites
%A1LENGLISH-I-DDIF, CDA integration will be supported

        If you answer YES to this then you will produce TWO images -
   OA$MAIN.EXE and OALLVlanguage.EXE.  This will allow more than one
   image to be installed.

* Do you want to build a MULTI-LANGUAGE system [NO]?  YES
%A1LENGLISH-I-MLLINK, ALL-IN-1 will be linked as a multi-language system
```

```
   ALL-IN-1 allows you to select a default date format for each language
   you have installed. This will become the default ALL-IN-1 date format
   for each user (on a per language basis). This may be changed by user
   through the Set Working Conditions option.

            Alphanumeric Date  Numeric Date

        1      DD-MMM-YYYY       MM/DD/YY        (Standard Default)
        2      DD-MMM-YYYY       DD/MM/YY
        3      DD-MMM-YYYY       YY/MM/DD
        4      YYYY-MMM-DD       MM/DD/YY
        5      YYYY-MMM-DD       DD/MM/YY
        6      YYYY-MMM-DD       YY/MM/DD

* Which date format do you require [1]:  1
%A1LENGLISH-I-DATEFORMAT, Date format DD-MMM-YYYY and MM/DD/YY (1) has been
selected

* What will be the greatest number of simultaneous ALL-IN-1 users:  5
* Which batch queue would you like to use for sending/receiving mail
[SYS$BATCH]:  SYS$BATCH
* Do you want to use Message Router to send/receive messages to/from other
systems [NO]?  YES

* Do you want to use a Message Router on another node [NO]?  NO
* What level of Mail directory support do you want [0/1/2] [0]:  1

* Enter password for the Mail directory user agent account:  A1MAIL

* Please confirm the Mail directory password specified:  A1MAIL


* What password do you want to use for the ALL-IN-1 Message Router mailbox:
LYNX_A1

* Please confirm the password you have specified:  LYNX_A1

* Do you want to translate outgoing WPS-PLUS and DX messages to ASCII [NO]?
NO

%A1LENGLISH-I-CHKSWPR, Checking MANDATORY and OPTIONAL SW prerequisites

%A1LENGLISH-I-CHKQUOT, Checking process quotas for the current process

%A1LENGLISH-I-CHKLNAM, Checking ALL-IN-1 logical names

%A1LENGLISH-I-CHKIDNT, Checking ALL-IN-1 general identifiers

%A1LENGLISH-I-GENIDOK, General identifier OA$ADMIN will be used from the
    previous installation.
%A1LENGLISH-I-GENIDOK, General identifier OA$PRVAPP will be used from the
    previous installation.

%A1LENGLISH-I-CHKTRAC, Checking ALL-IN-1 transfer accounts


 VMS account named A1$XFER_IN, which should be used for ALL-IN-1
    purposes only, was already created before this installation.
```

```
    You have two options:

  1.  Answer YES if you want the existing A1$TRANSFER account to be used
      for ALL-IN-1 purposes ONLY. Note that in this case, some characteristics
      of the account (e.g. UIC, PASSWORD, ACCESS type) may be changed during
      the installation.
  2.  Answer NO to stop the installation, correct the problem and then start
      again.

 * Do you want to use the existing A1$XFER_IN account [NO]? yes


  VMS account named A1$XFER_OUT, which should be used for ALL-IN-1
    purposes only, was already created before this installation.

    You have two options:

  1.  Answer YES if you want the existing A1$TRANSFER account to be used
      for ALL-IN-1 purposes ONLY. Note that in this case, some characteristics
      of the account (e.g. UIC, PASSWORD, ACCESS type) may be changed during
      the installation.
  2.  Answer NO to stop the installation, correct the problem and then start
      again.

 * Do you want to use the existing A1$XFER_OUT account [NO]? yes

%A1LENGLISH-I-CHKVMSV, Checking VAX/VMS version
%A1LENGLISH-I-CHKLIBS, Checking required shareable libraries are installed
%A1LENGLISH-I-CHKFMSV, Checking VAX/FMS version
%A1LENGLISH-I-CHKMROV, Checking Message Router version
%A1LENGLISH-I-CHKPARA, Checking system parameters

        All software checks have been successful.
        Installation will continue.

%A1LENGLISH-I-CHKDISK, Checking DISK SPACE

        NO missing DISK SPACE prerequisites discovered.
        The installation will continue.

* What is the existing VMS username for the ALL-IN-1 manager's account
    [ALLIN1]:  ALLIN1

            OWNER      =  ALLIN1
            USERNAME   =  ALLIN1
            UIC        =  [000001,000100]
            ACCOUNT    =  ALLIN1
            PRIVS      =
            PRIORITY   =
            DIRECTORY  =  [ALLIN1]

* Are you sure all the specified account's characteristics are correct
    [YES]?  YES
```

```
A DISKQUOTA entry on SYS$SYSDEVICE: for UIC [1,100] will now be modified.
The DISKQUOTA entry has been modified to: PERMANENT quota of 62500
and OVERDRAFT quota of 5000.
%VMSINSTAL-I-ACCOUNT, This installation update an ACCOUNT named ALLIN1.
%UAF-I-MDFYMSG, user record(s) updated
%VMSINSTAL-I-ACCOUNT, This installation updates an ACCOUNT named ALLIN1.
%UAF-I-MDFYMSG, user record(s) updated

%A1LENGLISH-I-CREATID, Create ALL-IN-1 RIGHTS identifiers ...
%A1LENGLISH-I-GRANTID, Grant ALL-IN-1 general identifiers to UIC [1,100] ...

* Do you want to run the IVP after the installation [YES]?  YES
%A1LENGLISH-I-KITREVS, The following items will be installed:

%A1LENGLISH-I-BASEREV, ALL-IN-1 BASE kit        - Revision <rev>
%A1LENGLISH-I-CTRYREV, ALL-IN-1 US MARKET kit   - Revision <rev>
%A1LENGLISH-I-LANGREV, ALL-IN-1 ENGLISH LANGUAGE kit  - Revision <rev>
%A1LENGLISH-I-ASKDONE, All questions have now been completed.
%A1LENGLISH-I-ONEMEDEX, One more media change required before installation
can continue unaided.
VMSINSTAL-I-RESTORE, Restoring product saveset C...
VMSINSTAL-I-RESTORE, Restoring product saveset D...
VMSINSTAL-I-RESTORE, Restoring product saveset E...
VMSINSTAL-I-RESTORE, Restoring product saveset F...
VMSINSTAL-I-RESTORE, Restoring product saveset G...
VMSINSTAL-I-RESTORE, Restoring product saveset H...

Tape TAPE0:A13024 dismounted. (MEDIA CHANGE REQUIRED ) :
Dismounted tape labeled A13024. Please mount the BASE kit tape which
is labeled A11024 and reply to the prompt below  (Answer NO to exit).

* Type YES when correct tape mounted, NO to terminate installation?  YES

%MOUNT-I-MOUNTED, A11024 mounted on _LYNX$TAPE0:
%A1-I-REMBKSS, Restoring any remaining BASE kit  savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...
%VMSINSTAL-I-RESTORE, Restoring product saveset C...
%VMSINSTAL-I-RESTORE, Restoring product saveset D...
%VMSINSTAL-I-RESTORE, Restoring product saveset E...
%A1-I-A1LINK, Starting to link images

Building shared image modules
Shared image modules built
Linking the OA$MAIN image
   .
   .
   .
%A1-I-A1LINKED, Finished linking images

 During the installation, a file called A1V24START.COM has been added
 to SYS$MANAGER:

 A document outlining the changes affecting your users has been added
 to the MANAGER'S directory. Please distribute USERCHANGES.WPL to your
 users after installation.
```

```
***************************************************************************
***************************************************************************
*                                                                         *
*The VMS site-dependent start-up file should have the following line added:*
*                                                                         *
*            $ @SYS$MANAGER:A1V24START SYS$SYSDEVICE:[ALLIN1.DATA_SHARE]   *
*                                                                         *
*            where SYS$SYSDEVICE:[ALLIN1.DATA_SHARE] is the location of the*
*            ALL-IN-1 configuration file -- A1CONFIG.DAT                  *
*                                                                         *
*This procedure must be invoked before users can successfully use ALL-IN-1 *
*                                                                         *
***************************************************************************
***************************************************************************


During the installation, a second file called A1WPSPLUS_LOGIN.COM,

has been added to SYS$MANAGER.

This file must be run at system login time OR from each user's LOGIN.COM.
Please refer to the Installation Guide for details.

%OA-I-LASTLINE, "ALL-IN-1 running -- removing form libraries & TXL"
%OA-E-NOSUCHSEC, no such (global) section
%OA-E-NOSUCHSEC, no such (global) section


         SYSTEM finished using ALL-IN-1 at 8-Dec-1989 11:38

%A1-I-RNEPROF, Running command procedure EPROFIL.CA1
%OA-I-LASTLINE, "ALL-IN-1 running -- opening form libraries"
%OA-I-LASTLINE, "ALL-IN-1 running -- updating A1CONFIG data file"


         SYSTEM finished using ALL-IN-1 at 8-Dec-1989 11:40

%OA-I-LASTLINE, "ALL-IN-1 running -- compiling form libraries..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling OAFORM..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling MEMRES..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling SITEOAFORM..."
%OA-I-LASTLINE, "ALL-IN-1 running -- compiling SITEMEMRES..."
%OA-I-LASTLINE, "ALL-IN-1 running -- form libraries compiled"
%OA-I-LASTLINE, "ALL-IN-1 running -- data file and form processing complete"


         SYSTEM finished using ALL-IN-1 at 8-Dec-1989 11:44

%A1-I-CREMBX, Creating mailbox entry A1
        This is MRMAN V3.1
%Added A1,                   Owner=ALLIN1 Complete_Messages Ignore_Sender
Grant_Id Service_Messages
%A1-I-DDSUA, Creating DDS UA entry for OA$LYNX$ALLIN1
 MBMAN V3.1 (BL5.10)
 Name    : OA$LYNX$ALLIN1
 Master copy owning node  : LYNX
```

```
%A1-I-DDSSUB, Creating DDS subscriber entry for MANAGER
 MBMAN V3.1 (BL5.10)
 Surname    : MANAGER
 Name    : MANAGER
 Unique subscriber identifier : OA$LYNX$ALLIN1
 Proxy user agent  : OA$LYNX$ALLIN1
 Master copy owning node  : LYNX


When the VMSINSTAL procedure terminates, remember to attend to the
POST-INSTALLATION tasks described in the Installation guide.

Failure to do this will result in ALL-IN-1 not working correctly

The installation procedure for ALL-IN-1 V2.4 has now completed
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target
    directories...


    The IVP for ALL-IN-1 V2.4 takes about 30 minutes to run. This will
 vary according to the system that it is running on.

       It will first of all run SYS$MANAGER:A1V24START to initialise
 ALL-IN-1 logical names and to install the various images required. It
 also will clear the VMS account name associated with the ALL-IN-1 IVP
 account. Should the IVPs fail to reset the VMS username in the PROFILE,
 then please reset it to the same as the MANAGER vms username as soon as
 possible, by doing the following:

   $ALLIN1/NOINIT
   Enter CMD: WRITE CHANGE PROFIL USER="IVP",VMSUSR="ALLIN1"

    If the IVPs fail then please investigate the log files found in
 OA$IVP. There is an additional log file in SYS$MANAGER called
 ALLIN1IVP.LOG containing the  messages from running ALL-IN-1 IVPs.
 This may sometimes prove useful, for instance if ALL-IN-1 fails to
 run, it can be seen in this file. To run the IVPs again type:

   $SET PROC/PRIV=(NOBYPASS,ALL)
   $ALLIN1/USER=IVP

    Use the various options on the menu that is presented to run parts
 of the IVP or all of it. The  "ALL" option is what is run during the
 installation phase IVPs. See  the System Management Guide for more
 details.

   As an aid to finding problems then please read IVPHINTS.MEM in
 OA$IVP:

%A1IVP-I-IVPSTART,Running startup for ALL-IN-1 .
```

```
        Starting ALL-IN-1
        Installing ALL-IN-1 images
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGSPLCOM.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGOSENVR.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>MAILCOUNT.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>OA$MAIN.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<ALLIN1.LIB_SHARE>OA$SUBMIT.EXE
        Defining language independent logical names
        Defining ENGLISH language logical names
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>OA$LLVENGLISH.EXE
%INSTALL-W-NOPREV, no previous entry exists - new entry created for
SYS$SYSDEVICE:<SYS0.SYSCOMMON.SYSLIB>LNGSPLENG.EXE

        Running ALL-IN-1 to install the ENGLISH FORM LIBRARIES

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""

        Running ALL-IN-1 to define SHARED AREA logicals

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""

        Starting the TM SERVER
        Starting OA$FCV
        Starting the MAIL Sender and Fetcher
        ALL-IN-1 startup procedure completed

%A1IVP-I-IVPFINISH,Finished running startup for ALL-IN-1 .
%A1IVP-I-IVPSTART,Running IVPs for ALL-IN-1 .

%A1IVP-I-IVPFINISH,The IVPs for ALL-IN-1 have finished .

Log File for ALL option
-----------------------
! Starting verification of interface with VMS.
!
! Starting verification of form library compilation.
! Checksum of FLC should be (6D4C620C).
! Test of form library compilation has passed.
! IVP checksum of form library = 6D4C620C.
! Finished verifying form library compilation.
!
! Starting verification of CLI interface.
! CLI symbol ivpclistatus = ALL-IN-1 V2.4.
! verification of CLI interface has passed.
! Finished verifying CLI interface.
!
! Verification of interface with VMS has PASSED.
!
! Verification of interface with VMS has finished.
```

```
%OAIVP-I-PASSED, File check for ALL-IN-1 has passed.
```

```
0     ! "Running editor check"
23     ! "EDT/WPS test."
252     ! "    first address line check"
258     ! "    second address line check"
265     ! "    third address line check"
270     ! "    fourth address line check"
275     ! "    date check"
282     ! "    day check"
286     ! "    ALL-IN-1 username check"
289     ! "     job title check"
293     ! "EDT/WPS check PASSED."
498     ! "WPS-PLUS check starting."
935     ! "WPS-PLUS check finished."
!     Merged list checksum is 805719118
!         Correct checksum is 805719118
951     ! "WPS-PLUS check PASSED"
955     ! "Editor check PASSED."
960     ! "Editor check finished."
```

```
IWP output files follow...
```

```
Text created by EDT/WPS check
-----------------------------
                                                  DECPARK,
                                                  WORTON GRANGE,
                                                  READING,
                                                  BERKSHIRE.
                                               Thursday, 28-Jul-1989.
Dear IVP user,
        This is a test of the integration of EDT with ALL-IN-1.
        If the address,day,date, and name and job title have been
        substituted with the values of the IVP account then ALL-IN-1
        and EDT are interacting correctly.
        Yours Sincerely,
                IVP USER,
                    INSTALLATION VERIFICATION
```

```
Text created by WPS-PLUS check
------------------------------
                                                         OA Sales Department,
                                                     Digital Equip. Corp.,
                                                       DECpark,
                                                        Worton Grange,
                                                               Reading,Berks.
                                                     (0734) 868711
Kate Jelly,
Office Equipment Ltd,
666 London Rd,
Reading.
(0734) 663666.
Dear Kate,
  As a user of ALL-IN-1 V2.2 on your VAX/VMS 8800, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                OA Sales Department,
                                            Digital Equip. Corp.,
                                              DECpark,
                                               Worton Grange,
                                                      Reading,Berks.
                                            (0734) 868711
Susie Coggles,
Art Equipment Ltd,
69 London Rd,
Reading.
(0734)  696969.
Dear Susie,
  As a user of ALL-IN-1 V2.1/BEV on your VAX/VMS 8650, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                OA Sales Department,
                                            Digital Equip. Corp.,
                                              DECpark,
                                               Worton Grange,
                                                      Reading,Berks.
                                            (0734) 868711
Jenny Dagleish,
Art Equipment Ltd,
31 Reading Gardens,
Reading.
(0734) 251017.
Dear Jenny,
  As a user of ALL-IN-1 V2.2 on your VaxStation 2000, you may be interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
                                                        OA Sales Department,
                                                    Digital Equip. Corp.,
                                                      DECpark,
                                                       Worton Grange,
                                                              Reading,Berks.
                                                    (0734) 868711
Ruth Calladine ,
Nutters Catering Compnay,
73 Watlington Street,
Reading.
(0734) 956435.
Dear Ruth,
  As a user of ALL-IN-1 V2.1/BEV on your VaxStation/GPX, you may be
    interested
  to know that Digital's OA engineering group has just announced the
  availability of ALL-IN-1 V2.3 - a huge step forward for the future of
  office automation. It's many *NEW* features include multiple select
  options for the File Cabinet, forward and backward scrolling on Read,
  as well as the capacity for multiple languages. All this together with
  the advanced WP Grammer Checker option, make this THE OFFICE PRODUCT OF
  1989.
        Phone NOW for a demonstration - on (0734) 868711
   Yours faithfully,
        Alain M. Cleaner,
           Office Products Manager.
```

```
%OAIVP-I-INST, SYS$SYSDEVICE:[ALLIN1.LIB_SHARE]OA$MAIN.EXE;1 is installed.

%OAIVP-I-INST, SYS$SYSDEVICE:[ALLIN1.LIB_SHARE]OA$SUBMIT.EXE;1 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSEXE]OA$FORMATTER.EXE;25 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]FDVMSG.EXE;1 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]DPEMSG.EXE;17 is installed.

%OAIVP-I-INST, SYS$COMMON:[SYSMSG]XPORTMSG.EXE;74 is installed.

%OAIVP-I-PASSED, Message check for ALL-IN-1 has passed.

LOG OF THE VERIFICATION OF ALL-IN-1 MESSAGES:
---------------------------------------------

This should contain the string V2.4...

Enter CMD: VERSION
%OA-I-VERSION, ALL-IN-1 Version 2.4 8-Dec-1989

 This should produce an Informational level message,
 and an RMS-E-FNF error

Enter CMD: OA$FLO_OPEN  THIS_IS_A_TEST
%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
-RMS-E-FNF, file not found
%OA-I-LNF, Error opening form library "THIS_IS_A_TEST"
-RMS-E-FNF, file not found

 This should produce a Warning level message...

Enter CMD: OA$SYM_GET_SYMBOL     THIS_IS_A_TEST
%OA-W-INVGET, Symbol "THIS_IS_A_TEST" not found

 This should produce a Error level message...

Enter CMD: OA$FBT_WRITE_LIBRARY THIS_IS_A.TEST
%OA-E-BADLIB, Error occurred while pre-compiling THIS_IS_A.TEST form library

 FATAL level error messages cause the image to stop,
  so they are not tested.
```

```
! Demonstrating directory application.
! Verifying directory application.
! Demonstration of application has passed.
! Finished demonstrating application
                        Personal Phone Directory Full Listing
Date: 07/28/88                                                   Page:1
   .
   .
   .
! Running create account check
3801       ! "Running create account check"
4105       ! "Flushing unread mail "
4111       ! "Deleting profile and template "
4114       ! "Deleted profile and template"
4114       ! "Deleting VMS account and identifier"
4118       ! "Deleted VMS account"
4122       ! "Account is clean"
4138       ! "Creating account"
! Batch job creating account has finished
4809       ! "Finished creating account"
4810       ! "Starting mail send check"
! The user agent is unknown in the mail directory
5694       ! "Sent message checksum: 1835745907"
5696       ! "Received message checksum: 1835745907"
! Account create check has passed, checksums match
5704       ! "Account create check has passed, checksums match"
5799       ! "Deleting account"
6022       ! "Finished deleting account"
6030       ! "Create account check finished"
! Create account check finished
! Verifying Mail directory
! ALL-IN-1 Mail directory useragent name should be OA$LYNX$ALLIN1
! The following Mail directory useragent entries exist:
! ( DIGITAL MBMAN MASTER OBJECT )
! ( OA$LYNX$ALLIN1 )
! The Mail directory useragent entry for ALL-IN-1 which matched is
OA$LYNX$ALLIN1
! Mail directory verification has PASSED.
! Starting MR verification.
! MR verification has PASSED.
!
! Both tests have passed.
Verifying ALL-IN-1's interface with Message Router.
---------------------------------------------------
Lowest valid version of MR is V3.
Your current version of MR is MR V3.0-044.
MR version correct.
MR Mailbox entry for ALL-IN-1 verified to be A1.
Message Router IVP has PASSED.
End of Message Router IVP.
! Finished verifying Mail directory and MR.
```

```
! Running electronic mail check
6592            ! "Running electronic mail check"
7115            ! " Sent message checksum: 1835680371 "
7117            ! " Received message checksum: 1835680371 "
7123            ! "Electronic mail check has PASSED, checksums match."
7193            ! "Electronic mail check finished."
! Electronic mail check finished.

%A1IVP-I-IVPPASS,The IVPs for ALL-IN-1 V2.4 have passed.
        Installation of A1 V2.4 completed at 12:34

Enter the products to be processed from the next distribution volume set.
* Products:

        VMSINSTAL procedure done at 12:35
```

B.4 Additional Language Installation

This section contains a sample listing of all the output and input when the GERMAN language was installed as an additional language on a system running VMS Version 5.2. The ALL-IN-1 Version 2.4 system has WPS-PLUS and ACMS integrated. The installer chose to install the additional language from magnetic tape.

```
Username:  SYSTEM
Password:
        Welcome to VAX/VMS Version V5.2 on node LYNX
    Last interactive login on Monday, 15-DEC-1989 08:47
    Last non-interactive login on Monday, 15-DEC-1989 08:25

$  set default sys$update
$  @vmsinstal

        VAX/VMS Software Product Installation Procedure V5.2

It is 15-DEC-1989 at 09:11.
Enter a question mark (?) at any time for help.

* Are you satisfied with the backup of your system disk [YES]?  YES
* Where will the distribution volumes be mounted:  TAPE0

Enter the products to be processed from the first distribution volume set.
* Products:  A1LGERMAN024
* Enter installation options you wish to use (none):
Please mount the first volume of the set on TAPE0:.
* Are you ready?  YES
%MOUNT-I-MOUNTED, A13024 mounted on _LYNX$TAPE0:

The following products will be processed:

  A1LGERMAN V2.4

        Beginning installation of A1LGERMAN V2.4 at 09:11

%VMSINSTAL-I-RESTORE, Restoring product saveset A...

This is a LOCAL ALL-IN-1 V2.4 LANGUAGE-only kit (GERMAN)
```

```
Using the LANGUAGE only ALL-IN-1 V2.4 kit, the following types of
    installation
can be performed :-

        (1)     Installation of an additional language
        (2)     Upgrade of an additional existing ALL-IN-1 V2.3 language
        (3)     Update of an existing ALL-IN-1 V2.4 language

* Do you want to continue [YES]?  YES
* What type of installation do you wish to perform [1]:  1

This is the GERMAN Additional Language installation

%A1LGERMAN-I-RELANK, Restoring the LANGUAGE kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset B...

   This is the GERMAN version of ALL-IN-1 V2.4

* Does this product have an authorization key registered and loaded [YES]?
YES
%LMF-I-GOTLICENSE,  An ALLIN1-UI-GERMAN license is installed and loaded
%LMF-I-CHKSWLIC,  Checking licenses for prerequisite software
%LMF-I-CONFLICENSE,  All necessary licenses are installed and loaded

        During your first language installation you elected to install
        ALL-IN-1 without DATATRIEVE, so this tool will NOT is available from
    your
        GERMAN ALL-IN-1.

        During your first language installation you elected to integrate
        WPS-PLUS. It means that you can  access  WPS-PLUS as an additional
        editor from your GERMAN ALL-IN-1 as well.

        During your first language installation you elected to install
        ALL-IN-1 with ACMS, so this tool will be available from your
        GERMAN ALL-IN-1.


%A1LGERMAN-I-CHKSWPR, Checking MANDATORY SW prerequisites

%A1LGERMAN-I-CHKMROV, Checking the existence of ALL-IN-1 logical names
%A1LGERMAN-I-CHKPARA, Checking system parameters

        All S/W checks have been successful.
        Installation will continue.

%A1LGERMAN-I-CHKDISK, Checking DISK SPACE

   ALL-IN-1 allows you to select a default date format for each language
   you have installed. This will become the default ALL-IN-1 date format
   for each user (on a per language basis). This may be changed by user
   through the Set Working Conditions option.


            Alphanumeric Date  Numeric Date

        1      DD-MMM-YYYY       MM/DD/YY        (Standard Default)
        2      DD-MMM-YYYY       DD/MM/YY
        3      DD-MMM-YYYY       YY/MM/DD
        4      YYYY-MMM-DD       MM/DD/YY
        5      YYYY-MMM-DD       DD/MM/YY
        6      YYYY-MMM-DD       YY/MM/DD
```

```
* Which date format do you require [1]:  1
%A1LGERMAN-I-DATEFORMAT, Date format DD-MMM-YYYY and DD/MM/YY (2) has been
selected

* Which device will hold the ALL-IN-1 GERMAN language files
[SYS$SYSDEVICE:]:  SYS$SYSDEVICE

        NO missing DISK SPACE prerequisites discovered.
        The installation will continue.

* What is the existing VMS username for the ALL-IN-1 account [ALLIN1]:
ALLIN1
                OWNER           =
                USERNAME        =       ALLIN1
                UIC             =       [1,100]
                ACCOUNT         =
                PRIVS           =       All
                PRIORITY        =       4
                DIRECTORY       =       SYS$SYSDEVICE:[ALLIN1]

* Are you sure all the specified account's characteristics are correct
[YES]?  YES

A DISKQUOTA entry on SYS$SYSDEVICE: for UIC [1,100] will now be modified.
%DISKQ-I-INUSE, [000001,000100] has 96395 blocks in use
The DISKQUOTA entry has been modified to: PERMANENT quota of 87904
and OVERDRAFT quota of 5000.
* Enter ALL-IN-1 top-level directory required for all GERMAN files [GERMAN]:
GERMAN
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.BLP_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.CBI_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.DATA_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.DO_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.IVP_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.LIB_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.LLV_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SCP_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SITE].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SITE.DATA_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SITE.LIB_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SITE.DO_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
```

```
SYS$SYSDEVICE:[GERMAN.SITE.BLP_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SITE.SCP_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SITE.SOURCES_GERMAN].
%VMSINSTAL-I-SYSDISK, This product creates system disk directory
SYS$SYSDEVICE:[GERMAN.SITE.DEV_GERMAN].

* Do you want to run the IVP after the installation [YES]?  YES
%A1LGERMAN-I-ASKDONE, All questions have now been completed.
%A1LGERMAN-I-SOMTIME, Installation will now continue for some time. No
    further
action required.
%VMSINSTAL-I-RESTORE, Restoring product saveset C...
%VMSINSTAL-I-RESTORE, Restoring product saveset D...
%VMSINSTAL-I-RESTORE, Restoring product saveset E...
%VMSINSTAL-I-RESTORE, Restoring product saveset F...
%VMSINSTAL-I-RESTORE, Restoring product saveset G...
%VMSINSTAL-I-RESTORE, Restoring product saveset H...
%A1LGERMAN-I-A1LINK, Starting to link images

Linking the OA$LLVGERMAN.EXE

%A1LGERMAN-I-A1LINKED, Finished linking images
%A1LGERMAN-I-RNEPROF, Running command procedure EPROFIL.CA1
   .
   .
   .

The installation procedure for ALL-IN-1 V2.4 has now completed
%VMSINSTAL-I-MOVEFILES, Files will now be moved to their target
    directories...

        Installation of A1LGERMAN V2.4 completed at 11:47

Enter the products to be processed from the next distribution volume set.
* Products:

        VMSINSTAL procedure done at 11:48
```

C

Files and Logical Names Installed on Your System

The ALL-IN-1 Version 2.4 installation procedure installs a number of files on your system and defines some logical names. Section C.1 lists the files installed in directories other than the main ALL-IN-1 directories (for example, SYS$COMMON:[SYSLIB]). Section C.2 lists the logical names that are added to the system logical name table. Section C.3 shows the directory structure of an ALL-IN-1 system installed on separate disks.

C.1 Files Installed in Non-ALL-IN-1 Directories

The following list shows the files that are installed in directories other than the ALL-IN-1 directories.

```
Directory SYS$SYSROOT:[SYSMGR]

ALLIN1_IVP.LOG;1


Directory SYS$COMMON:[SYSMGR]

A1V24START.COM;1        A1WPSPLUS_LOGIN.COM;1


Directory SYS$COMMON:[SYSHLP]

A1024.RELEASE_NOTES;1   A1LRlang024.RELEASE_NOTES;1
A1CRmarket024.RELEASE_NOTES;1
```

Note *A1024.RELEASE_NOTES does not contain any release notes. To access the Release Notes, that is the files A1LRlang024.RELEASE_NOTES and A1CRmarket024.RELEASE_NOTES, carry out the steps described in Chapter 2.*

```
Directory SYS$COMMON:[SYSLIB]

DPESHR.EXE;1        FDVSHR.EXE;1        LNGOSENVR.EXE;1
LNGSPLAE2.LGS;1     LNGSPLAET.LGM;1     LNGSPLAET.LGS;1
LNGSPLAEU.LGM;1     LNGSPLAEU.LGS;1     LNGSPLCOM.EXE;1
LNGSPLlang.EXE;1    LNGSPLSHR.EXE;1     OA$LLVlanguage.EXE;1
XPORT.L32;1         XPORT.OLB;1         XPORT.REQ;1
```

lang is a three-letter code identifying the language installed, and language is the language name. You may have more than one version if you have installed additional languages. Note that OA$LLVlanguage.EXE is created only if you install ALL-IN-1 as a multilanguage system.

```
Directory SYS$COMMON:[SYSMSG]

DPEMSG.EXE;1        FDVMSG.EXE;1        LNGSPLMSG.EXE;1
XPORTMSG.EXE;1
```

C.2 Logical Names

The following logical names are defined when ALL-IN-1 Version 2.4 is installed. These names are stored in the startup file, A1V24START.COM. They are automatically defined whenever the system reboots or whenever the software is invoked.

C.2.1 Logical Names Entered into the System Logical Name Table

The following logical names are entered into the system logical name table, LNM$SYSTEM_TABLE.

Note *Copies of all logical names that end in _LLV exist in both the system logical name table and the logical name table for the default language.*

```
DX$PRINT
FAC$COMMON
KOA$HEAP_SIZE
KOA$PRINT_DIR
KOA$PRINT_SHARE
OA$ADMIN_DATA
OA$BLP
OA$BLP_lang
OA$BLP_LLV
OA$BLP_SHARE
OA$BUILD
OA$BUILD_SHARE
OA$DATA
OA$DATA_LLV
OA$DATA_SHARE
OA$DDS_PRIME
OA$DEFAULT_LANGUAGE
OA$DO
OA$DO_lang
OA$DO_LLV
OA$DO_SHARE
OA$IMAGE
OA$LIB
OA$LIB_lang
OA$LIB_LLV
OA$LIB_SHARE
OA$LLV
OA$LOADUSER
OA$LOG
OA$MAIL_NUM_ADDRESSES
OA$MTI_AREA
OA$MTI_DATA
OA$MTI_ERR
OA$MTI_LOG
OA$MTI_MAILBX
OA$MTI_MR_NODE    (If you are using a remote Message Router)
OA$MTI_OPER
OA$MTI_QUEUE
OA$MTI_TRNS
OA$PRIMARY_NODE
OA$SCP
OA$SCP_lang
OA$SCP_LLV
OA$SCP_SHARE
OA$SHARE          (The logical names OA$SHARE* refer to Mail area
                   E which is created during the installation of
                   ALL-IN-1 Version 2.4)
OA$SHAREn         (n is from 1 to the number of shared directories
                   specified during the installation)
OA$SHARE_HIGH
OA$SHARE_LOW
OA$SITE_BLP_lang
OA$SITE_BLP_LLV
OA$SITE_BLP_SHARE
```

```
OA$SITE_BUILD_LLV
OA$SITE_BUILD_SHARE
OA$SITE_DATA
OA$SITE_DATA_LLV
OA$SITE_DATA_SHARE
OA$SITE_DEV
OA$SITE_DEV_lang
OA$SITE_DEV_LLV
OA$SITE_DEV_SHARE
OA$SITE_DO_lang
OA$SITE_DO_LLV
OA$SITE_DO_SHARE
OA$SITE_LIB
OA$SITE_LIB_lang
OA$SITE_LIB_LLV
OA$SITE_LIB_SHARE
OA$SITE_SCP_lang
OA$SITE_SCP_LLV
OA$SITE_SCP_SHARE
OA$SUBMIT_IMAGE
OA$SUBSCRIBER_MAIL
OA$SYSTEM_LISTS
OA$TRANSFER
```

C.2.2 Logical Names Entered into the Language Logical Name Table

The following logical names are entered into a language-specific logical name table for the language installed, OA$lang_TABLE. The same logical names are used for all languages although their definitions are different.

Note *Copies of all logical names that end in _LLV exist in both the system logical name table and the logical name table for the default language.*

```
OA$BLP_LLV
OA$DATA_LLV
OA$DO_LLV
OA$LIB_LLV
OA$LLV
OA$SCP_LLV
OA$SITE_BLP_LLV
OA$SITE_BUILD_LLV
OA$SITE_DATA_LLV
OA$SITE_DEV_LLV
OA$SITE_DO_LLV
OA$SITE_LIB_LLV
OA$SITE_SCP_LLV
```

C.3 Directory Structure of an ALL-IN-1 System Installed on Separate Disks

Figures C–1 to C–6 show the directory structure of an ALL-IN-1 Version 2.4 system installed on the system disk and disks DISK0 to DISK4. Each area of ALL-IN-1 (see Section 1.8.16) was installed on a different disk, with a different directory specified for each area:

- The ALL-IN-1 manager's account was installed on the system disk SYS$SYSDEVICE: using the account name MANAGER.
- The shared library files were installed on disk DISK0 using the directory name LIBRARY.
- The language files were installed on disk DISK1 using the directory name LANGUAGE.
- The shared data files were installed on disk DISK2 using the directory name DATA.
- The mail area SDAF file was installed on disk DISK3 using the directory name MAIL.
- The shared directories were installed on disk DISK4 using the directory name SHARED.

If you want to move an ALL-IN-1 area to another disk, copy the directories in that area as shown in Figures C–1 to C–5 (the shared directories cannot be moved once they are created). See Appendix D for details.

Figure C–1 Directory Structure of the ALL-IN-1 Manager's Account

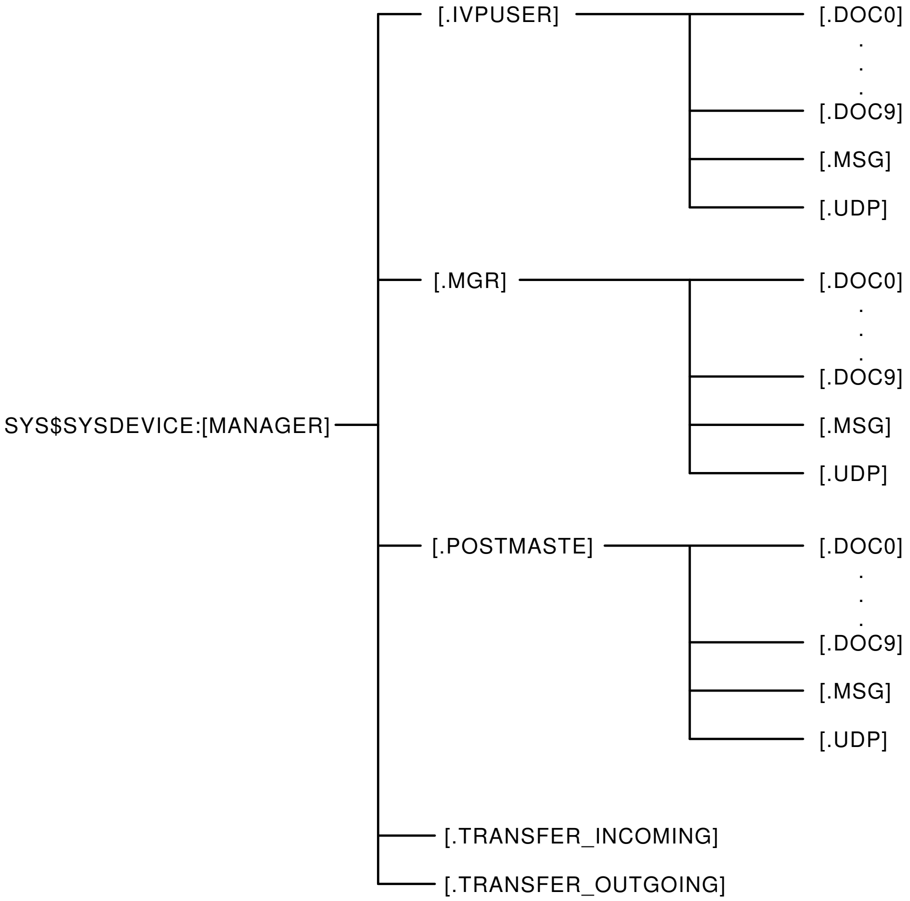


Figure C–2   Directory Structure for the Library Files

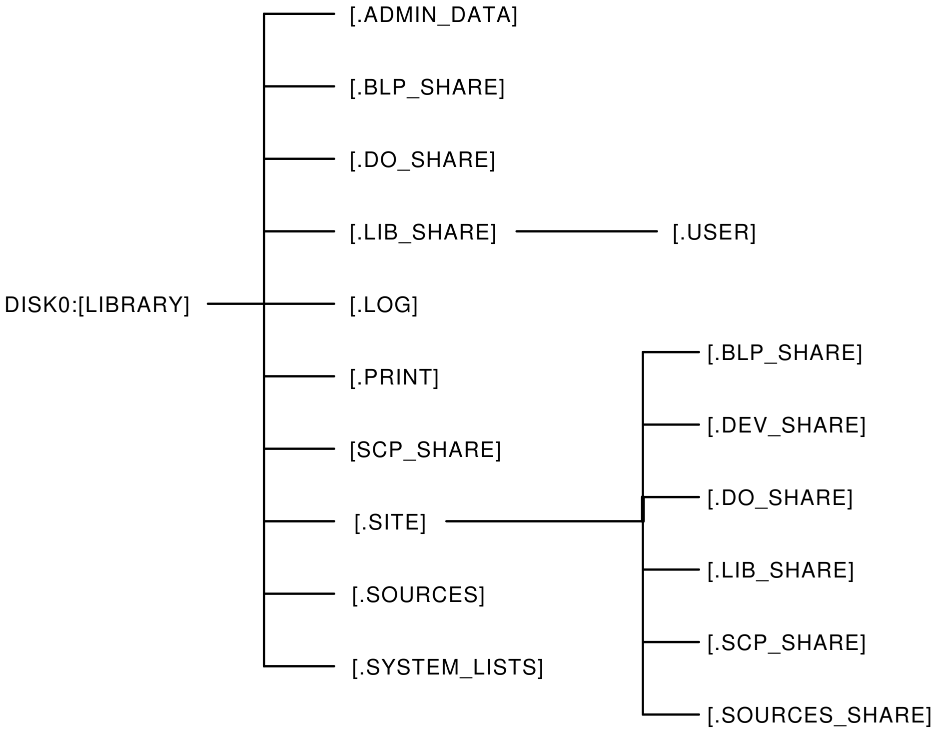


Figure C–3 Directory Structure for the Language Files

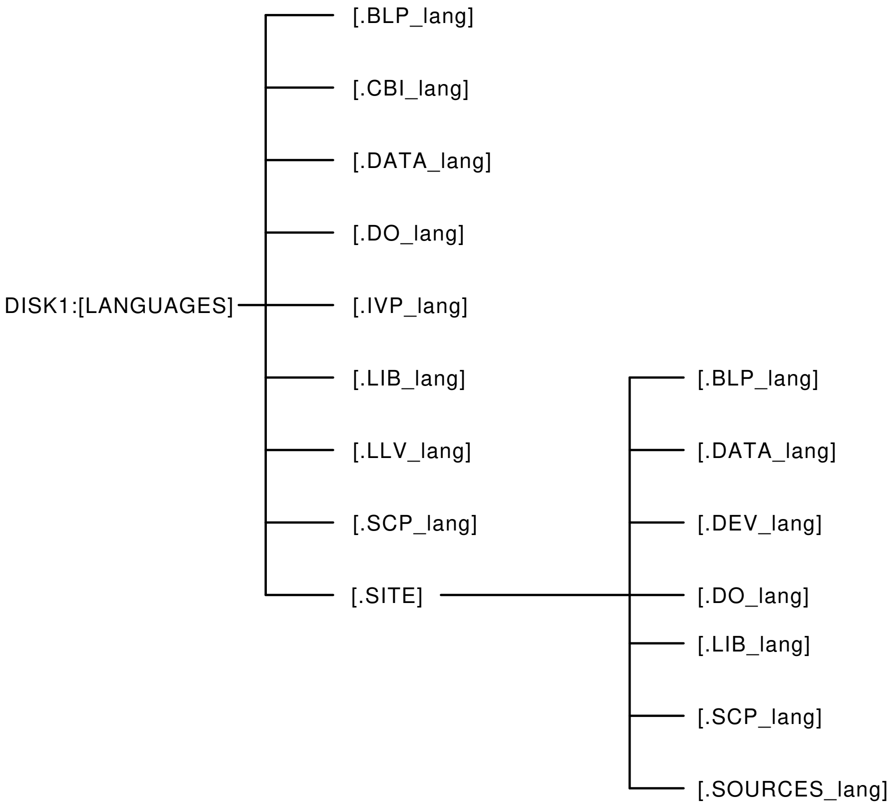


Figure C–4 Directory Structure for the Data Files

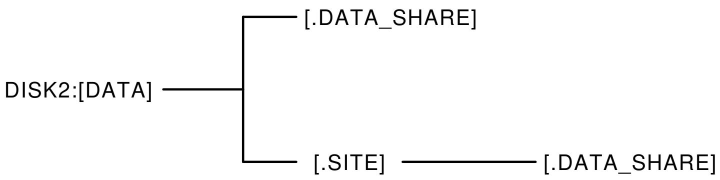


Figure C–5 Directory Structure for Mail Area E

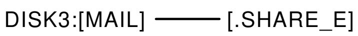
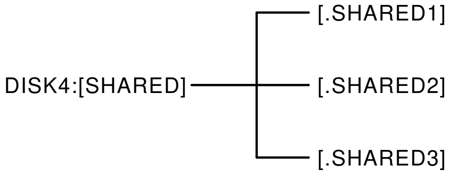


Figure C–6 Directory Structure for the Shared Directories



D

Changing the Configuration of ALL-IN-1 V2.4

This appendix describes changes to the configuration of ALL-IN-1 Version 2.4 that do not require an update installation to be performed. You can:

- Change the configuration to incorporate VAX DATATRIEVE with ALL-IN-1
- Change the configuration to incorporate WPS-PLUS with ALL-IN-1
- Change the configuration to incorporate VAX Application Control and Management System (ACMS) with ALL-IN-1
- Change the location of the ALL-IN-1 Version 2.4 areas

CAUTION *This task involves modifying the ALL-IN-1 Version 2.4 configuration database. This database is crucial to the operation of ALL-IN-1 and changes must be made with extreme care. Digital recommends that you take a backup copy of OA$DATA_SHARE:A1CONFIG.DAT before making any changes.*

If you want to change to using WPS-PLUS or Message Router for the first time, you must perform an update installation (see Chapter 11).

D.1 Change to Using VAX DATATRIEVE

If you want to incorporate VAX DATATRIEVE with ALL-IN-1 , do the following:

1. Install VAX DATATRIEVE Version 5.0 (see the *VAX DATATRIEVE Installation Guide*)
2. Relink ALL-IN-1 (see the *ALL-IN-1 Management Guide*) and answer `YES` to the question "`Do you want to incorporate DATATRIEVE?`"

D.2 Change to Using WPS-PLUS

If you installed ALL-IN-1 Version 2.4 without incorporating WPS-PLUS, the WPS-PLUS files were not installed during the installation. Therefore, if you want to use WPS-PLUS with ALL-IN-1, you must perform an update installation (see Chapter 11) to install these files, and answer `YES` to the prompt:

```
Do you want to incorporate WPS-PLUS [YES]?
```

D.3 Change to Using VAX ACMS

If you want to incorporate VAX ACMS with ALL-IN-1 , do the following:

1. Install VAX ACMS Version 3.1 (see the *VAX ACMS Installation Guide*)
2. Relink ALL-IN-1 (see the *ALL-IN-1 Management Guide*) and answer `YES` to the question "`Do you want to incorporate ACMS?`"

D.4 Change the Location of an ALL-IN-1 Version 2.4 Area

If you want to move an ALL-IN-1 area to another disk, do the following:

1. Shut down ALL-IN-1 (see the *ALL-IN-1 Management Guide*).
2. Copy the directories in that area to the appropriate disk. A list of ALL-IN-1 areas is given in the *ALL-IN-1 Installation Guide Part 3 Market Installation*.

   For a list of the directories in each area see Appendix C, Section C.3.
3. Enter the ALL-IN-1 manager's ALL-IN-1 account:

   ```
   $ ALL-IN-1 /USERNAME=MANAGER /OVERRIDE=SHUTDOWN
   ```
4. Change the ALL-IN-1 configuration file as follows:

   a. Enter `A1CONFIG`. The ALL-IN-1 System Configuration Information form is displayed.

   b. Enter the key of the component required:

      - Enter `A1BASE` for the base component. The base component description record is displayed.
      - Enter language name for the appropriate language component. The language component description record is displayed.

   c. Enter `C` to change the record.

   d. Move the cursor to the field relating to the files that are to be moved. For the base system the fields are:

      - "File Location" for the ALL-IN-1 library files

- "Data Location" for the ALL-IN-1 data files
- "Site File Loc" for the ALL-IN-1 site library files
- "Site Data Loc" for the ALL-IN-1 site data files
- "ALL-IN-1 Mgr's Dir" for the ALL-IN-1 manager's directory

Enter the new location of the files.

For the language system the fields are:

- "File Location" for the ALL-IN-1 language files
- "Site File Loc" for the ALL-IN-1 site language files

Enter the new location of the files.

e. Press RETURN.

f. Press EXIT.

g. Ensure that Message Router is started (see the Message Router books).

h. Run the ALL-IN-1 Version 2.4 startup command procedure (see Section 14.6). If you are running ALL-IN-1 on a VAXcluster system you must run the startup command procedure on all nodes in the cluster.

D.5 Moving ALL-IN-1

If you want to move part or all of your ALL-IN-1 system to other disks, do the following:

1. Shut down ALL-IN-1.
2. Move each area of ALL-IN-1 (as described in Section D.4).
3. If you want to move mail areas, you must edit the information that is held in the mail area master files. Do this as follows:

   a. Use form SM_SDAF_MASTER to update the location of any SDAFs that you move.

   b. Use form SM_SHARED_DIR_MASTER to update the location of any shared directories that you move.
4. If you use Message Router, ensure that Message Router is started.
5. Run the ALL-IN-1 startup command procedure, A1V24START.COM, to allow the changes to take effect. If you are running ALL-IN-1 on a VAXcluster system, you must run the startup command procedure on all nodes in the cluster.

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