AA-PARUA-TE

ALL-IN-1 Group Conferencing

Installation and Management Guide

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Preface

Product: ALL-IN-1 Version 2.4 Group Conferencing

Product Description

ALL-IN-1 Group Conferencing is an application that allows ALL-IN-1 users to use VAX Notes from ALL-IN-1.

Purpose of This Book

This book describes how to install the ALL-IN-1 Group Conferencing software on a VMS Version 5.1 (or higher) system, running both ALL-IN-1 Version 2.4 and VAX Notes Version 2.0 software.

Intended Audience

The installer should have a detailed knowledge of VMS and ALL-IN-1 system management.

Structure of This Document

Part 1: Installation

Chapter 1	Preparing to Install This chapter gives an overview of ALL-IN-1 Group Conferencing, and lists the tasks that you need to complete before starting the installation.
Chapter 2	Installing This chapter describes how to install ALL-IN-1 Group Conferencing.

Chapter 3	After Installing This chapter describes the tasks to complete so that ALL-IN-1 Group Conferencing can be accessed by ALL-IN-1 users.

Part 2: Management

Chapter 4	Managing This chapter describes the tasks required to manage ALL-IN-1 Group Conferencing.

Appendixes

Appendix A	Software Distribution List This appendix lists and briefly describes the files contained in the ALL-IN-1 Group Conferencing software distribution kit.
Appendix B	Sample Installations This appendix gives a sample listing of a successful ALL-IN-1 Group Conferencing installation and an additional language installation.

Associated Documents

You may also need to refer to:

- The VMS books for the version of VMS running on your system
- The *ALL-IN-1 Installation Guide*
- The *ALL-IN-1 Management Guide*

Conventions Used in This Document

This book uses the following conventions:

`Messages`	Indicates prompts and messages from the computer.
`Red Print`	Indicates entries you make at the terminal.
lowercase text	Indicates a variable value in the command or response.
[ ]	Indicates an optional expression in the command or response.
. . .	Indicates that you can enter additional parameters, values, or information.
. . .	Indicates that the example contains more data or text than is shown.
1 2 3	Marks the order of steps to follow to complete a procedure.
< >	Indicates a display that is variable.
Press	Indicates that you make one keystroke with an editing or command key. For example, press RETURN.
Enter	Means type a command response, or type information into a menu or form, and then press a terminator key such as RETURN.
UPPERCASE	Indicates keyboard keys.
CTRL/z	Indicates that you hold down the CTRL key while pressing another key.
ALL-IN-1	Means ALL-IN-1™ office automation system
WPS-PLUS	Means WPS-PLUS™ software

1

Preparing to Install

This chapter discusses the preparations and requirements necessary for installing ALL-IN-1 Version 2.4 Group Conferencing.

ALL-IN-1 Group Conferencing is an application that provides ALL-IN-1 users with a conferencing system for online discussions.

Members of a conference can discuss items of interest by leaving messages for the other members to access, read, and reply to, at their own convenience.

ALL-IN-1 Group Conferencing provides online *Release Notes*. Digital recommends that you print and read the *ALL-IN-1 Group Conferencing Release Notes* before proceeding with the installation.

Also, for all languages, except English, there is a Read Me First. You must read this before proceeding.

1.1 Required Operating System Components

For VMS Version 5.1 and later systems, ALL-IN-1 Group Conferencing requires that your system is running a full, untailored VMS system.

1.2 Examining the Distribution Kit

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

The software distribution kit consists of one of the following types of media:

- 9-track 1600 bits/in magnetic tape
- TK50 cartridge
- Compact disk (CD)

The kit contains all the files listed in Appendix A.

The CD Consolidated Software Distribution kit also contains the following online documentation, in ASCII text format:

- ALL-IN-1 Read Me First, if you have a language version other than English
- ALL-IN-1 Group Conferencing Installation and Management Guide
- ALL-IN-1 Group Conferencing Release Notes

1.3 Hardware Checklist

Check that you have the following hardware and disk space to do the installation.

1. Check that the ALL-IN-1 Group Conferencing distribution kit is complete and correct, according to the bill of materials included with the kit.
2. Check that you have the disk space required, given in Section 1.8.3.
3. To do the installation, you are recommended to use the system console or a hardcopy terminal, so that you have a hardcopy record of the installation. However, you can use a video terminal.

Note *If you are installing ALL-IN-1 Group Conferencing in a VAXcluster environment, see Chapter 4.*

1.4 Software Checklist

Check that the following software is available on the system:

- VMS Version 5.1 (or higher).
- The VMSINSTAL command procedure.
- ALL-IN-1 Version 2.4 with the same language installed as the language of your ALL-IN-1 Group Conferencing kit. The ALL-IN-1 Version 2.4 language can be either the default language or an additional language.
- VAX Notes Version 2.0 (or higher).

Note *If your users have access to conferences on another system, that system must be running VAX Notes Version 1.3, or higher.*

Also, check that:

- Your ALL-IN-1 startup command procedure has been executed since ALL-IN-1 Version 2.4 was installed, or since your system was last rebooted.

- The ALL-IN-1 directory OA$BUILD is available, and contains all the components used to build ALL-IN-1. These include the command procedures A1LINK.COM and A1LNKASK.COM.

  A1LINK.COM is replaced when ALL-IN-1 Group Conferencing is installed. Therefore, if you have modified A1LINK.COM, copy it to the OA$SITE_BUILD_SHARE directory before you install ALL-IN-1 Group Conferencing.

Check also that OA$BUILD contains the answers file A1LINK.ANS, specifying the answers you used in the latest installation of ALL-IN-1.

If A1LINK.ANS is not present, make a note of the answers you used during that installation to link ALL-IN-1 with any optional products.

1.5 Information Checklist

Complete the following information checks.

1. Check that NOTES$SHARE.EXE is installed as known image:

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

   If NOTES$SHARE.EXE is not installed, install it as follows:

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

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

   ```
   NOTES$SHARE Open Hdr Shar
   ```

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

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

2. Check the location of the ALL-IN-1 library directory, OA$LIB.

1.6 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 Group Conferencing on a VMS V5.1 (or higher) system, you must have a valid ALL-IN-1 license for your ALL-IN-1 Version 2.4 system. See the *ALL-IN-1 Installation Guide Part 1 Base Installation* for details.

1.7 Installing an Additional Language

You can install additional language versions of ALL-IN-1 Group Conferencing. The installation steps are the same as those for a full installation, except that you should select option 2 at STEP 9 (see Chapter 2).

Note *You must have the same ALL-IN-1 Version 2.4 language installed on your system as the ALL-IN-1 Group Conferencing language to be installed.*

1.8 Installation Procedure Requirements

The following sections discuss various requirements for installing ALL-IN-1 Group Conferencing.

1.8.1 Time

The ALL-IN-1 Group Conferencing installation procedure takes between 30 and 60 minutes to complete, depending on your type of media and your system configuration.

1.8.2 Privileges

Install ALL-IN-1 Group Conferencing from the VMS system manager's account with full privileges.

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

1.8.3 Disk Space

Installing ALL-IN-1 Group Conferencing requires a certain amount of free storage space during the installation. Once ALL-IN-1 Group Conferencing is installed, less disk space is required. Table 1–1 summarizes the disk space requirements for the English language version of ALL-IN-1 Group Conferencing. The disk space is in addition to that used by your ALL-IN-1 system. For other language versions, refer to the Read Me First provided for your language. The disk space is given for each ALL-IN-1 area.

Table 1–1 Disk Space Requirements

ALL-IN-1 Area	During Installation	Permanent Disk Space
ALL-IN-1 manager's account		
Shared library files		1000†
Shared data files		100
English language files		1000
Mail area SDAF file		
Shared directories		
System disk files† :		
Single language system	25000	500
Multilingual system	25000	1500‡

† You need to allow for the files that are not purged during installation (see Table 1–2)

‡ This extra space is used by the language-specific image OA$LLVENGLISH.EXE, which is created when you install, or relink, ALL-IN-1 as a multilanguage system

Table 1–2 lists the files that are not purged during the installation. Therefore, you must allow extra space for these files. The sizes given are those for an uncustomized ALL-IN-1 Version 2.4 system.

Table 1–2 Files Not Purged During the Installation

File Name	Size	ALL-IN-1 Area
OA$LIB_lang:OAFORM_V24.FLB†	2991‡	Shared library files
OA$LIB_SHARE:OA$MAIN.EXE	4331	Shared library files
OA$BUILD_SHARE:OAGBL.BLI	501	Shared library files
OA$BUILD_SHARE:OASYMMSG.MAR	541	Shared library files
SYS$LIBRARY:OA$LLVlang.EXE	783‡	System disk files

lang is the name of the language version of ALL-IN-1 Group Conferencing that you are installing.

† This file is a copy of the ALL-IN-1 Version 2.4 file, OAFORM.FLB. The file is renamed to OAFORM_V24.FLB during the installation.

‡ These values are for the English language version of ALL-IN-1 Version 2.4. If you have additional languages, find the disk space used by these files for each language installed; the disk space required for these files is about $(2 \times size) + 100$, where size is the size (in blocks) of the files before installation.

To determine the number of free blocks on the current system disk, enter the following command:

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

If your ALL-IN-1 system is installed on a disk (or disks) other than SYS$SYSDEVICE, determine the disk space on the appropriate disk as follows:

```
$ SHOW DEVICE device
```

1.8.4 System Parameters

For the values of the system parameters, and how to change them, refer to the *ALL-IN-1 Installation Guide*.

1.8.5 Process Account Quotas

The account you use to install ALL-IN-1 Group Conferencing must have sufficient process account quotas to enable you to perform the installation. For the values of the quotas, and how to change them, refer to the *ALL-IN-1 Installation Guide Part 1 Base Installation*.

1.8.6 VMSINSTAL Requirements

When you invoke VMSINSTAL, it checks the following:

- Whether you have set your default device and directory to SYS$UPDATE
- Whether you have logged in to a privileged account
- Whether you have adequate quotas for installation
- If your system is running VMS Version 5.1, whether DECnet is running
- Whether any users are logged in to the system

If VMSINSTAL detects any problems during the installation, it notifies you of the problem and asks if you want to continue the installation. In some instances, you can enter YES to continue. To stop the installation process and correct the situation, enter NO or press RETURN. Then correct the problem and restart the installation.

1.8.7 Backing Up Your System Disk

At the beginning of the installation, VMSINSTAL asks if you have backed up your system disk. Digital recommends that you do a system disk backup before installing any software on top of the operating system.

Use the backup procedures that have been established at your site. For details on performing a system disk backup, refer to the VMS Backup Utility documentation.

1.8.8 ALL-IN-1 Group Conferencing Requirements

The ALL-IN-1 Group Conferencing installation procedure checks that the following software is installed:

- VMS Version 5.1 (or higher)
- ALL-IN-1 Version 2.4, with the same language that you want to install with ALL-IN-1 Group Conferencing
- VAX Notes Version 2.0

Note *If your users have access to conferences on another system, that system must be running VAX Notes Version 1.3, or higher.*

1.9 Final Preparations

Before starting the installation:

1. Make sure no users are logged in to the VMS system on which ALL-IN-1 Group Conferencing is to be installed.

   If you are installing ALL-IN-1 Group Conferencing in a VAXcluster where the ALL-IN-1 image and library directory are shared between nodes, all ALL-IN-1 activity on each node of the cluster must be disabled and all users logged out of ALL-IN-1. This ensures that the following files are available exclusively for update access during installation:

   OA$LIB_LLV:OAFORM.FLB
   OA$LIB_LLV:OAHELP.HLB

2. Back up the system disk.

3. Check that all ALL-IN-1 logical names have been set up. Enter

   ```
   $ @SYS$MANAGER:A1V24START device:[directory.DATA_SHARE]
   ```

   where device:[directory.DATA_SHARE] is the location of the ALL-IN-1 configuration file, A1CONFIG.DAT.

4. If you have customized the files OAGBL.BLI and OASYMMSG.MAR, you must copy them to the OA$SITE_BUILD_SHARE directory, since the installation of ALL-IN-1 Group Conferencing replaces these files.

   After ALL-IN-1 Group Conferencing is installed, apply your customizations to the new versions of these files. You must then relink your ALL-IN-1 system.

2
Installation

This chapter describes how to install ALL-IN-1 Group Conferencing. Section 2.2 contains a step-by-step description of the installation procedure.

For those steps that require you to input information, enter the information in the space provided, before you start the installation.

The last section covers post-installation considerations.

2.1 General Information

This section includes information about accessing *ALL-IN-1 Group Conferencing Release Notes*, determining which files and logical names have been added to your system, running the Installation Verification Procedure (IVP), and aborting the installation.

2.1.1 Accessing the Online Release Notes

The *ALL-IN-1 Group Conferencing Release Notes* are included in the Release Notes for ALL-IN-1 Version 2.4. The *ALL-IN-1 Installation Guide Part 1 Base Installation* describes how to access the *ALL-IN-1 Release Notes*.

2.1.2 Determining the Files and Logical Names Added to the System

ALL-IN-1 Group Conferencing uses the logical names provided by your system and ALL-IN-1. Therefore, the installation of ALL-IN-1 Group Conferencing does not add any logical names to your system.

The final location and size of the installed ALL-IN-1 Group Conferencing software components is shown in Table 2–1.

Table 2–1 Files Added to the System

Location	File name	Size
OA$BLP_LLV	OAN$ATTACH.BLP	2†
OA$BLP_LLV	OAN$BLP.BLP	2†
OA$BLP_LLV	OAN$DIR.BLP	2†
OA$BLP_LLV	OAN$DIRHDR.BLP	1†
OA$BLP_LLV	OAN$HIDDEN.BLP	1†
OA$BLP_LLV	OAN$KEYWORD.BLP	1†
OA$BLP_LLV	OAN$KEYWORDHDR.BLP	1†
OA$BLP_LLV	OAN$MEMEBER.BLP	1†
OA$BLP_LLV	OAN$MEMBERHDR.BLP	1†
OA$BLP_LLV	OAN$READ.BLP	1†
OA$BUILD_SHARE	A1LINK.COM	86
OA$BUILD_SHARE	OAGBL.BLI	513
OA$BUILD_SHARE	OAGBL.OBJ	343
OA$BUILD_SHARE	OAN$LIBRARY.OLB	402
OA$BUILD_SHARE	OAN$LINK.COM	2
OA$BUILD_SHARE	OASYMMSG.MAR	570
OA$BUILD_SHARE	OASYMMSG.OBJ	680
OA$DATA_SHARE	OAN$CONFERENCES.DAT	51
OA$DO_SHARE	OAN$CREATE_CONFERENCE.SCP	6
OA$DO_SHARE	OAN$DELETE_CONFERENCE.SCP	5
OA$DO_SHARE	OAN$DIR.SCP	2
OA$DO_SHARE	OAN$DIRVALID.SCP	6
OA$DO_SHARE	OAN$ENTRY_UPDATE.SCP	5
OA$DO_SHARE	OAN$EXTRACT.SCP	4
OA$DO_SHARE	OAN$FILECHECK.SCP	3
OA$DO_SHARE	OAN$FILE_NOTE.SCP	4
OA$DO_SHARE	OAN$FORWARD.SCP	5
OA$DO_SHARE	OAN$GOLDG_ACTION.SCP	6
OA$DO_SHARE	OAN$KEYWORD_VALID.SCP	2
OA$DO_SHARE	OAN$MEMBER_SELECTED.SCP	3
OA$DO_SHARE	OAN$MODIFY_CONFERENCE.SCP	4
OA$DO_SHARE	OAN$MODIFY_NOTE.SCP	7
OA$DO_SHARE	OAN$NOTES_VALID_CONFERENCE.SCP	3
OA$DO_SHARE	OAN$PRINT.SCP	2
OA$DO_SHARE	OAN$READ.SCP	2

(continued on next page)

Table 2–1 (Cont.) Files Added to the System

Location	File name	Size
OA$DO_SHARE	OAN$SELECT.SCP	7
OA$DO_SHARE	OAN$VALID_NOTE_ID.SCP	2
OA$DO_SHARE	OAN$WRITE.SCP	14
OA$DO_SHARE	OAN$XREMOVE_CONFERENCES.SCP	5
OA$DO_SHARE	OAN$XUPDATE_CONFERENCES.SCP	3
OA$LIB_LLV	OAN$FORMS.FLB	354†
OA$LIB_SHARE	OAN$CONFERENCES.FDL	3
OA$LIB_SHARE	OAN$DELETE_CONFERENCE.COM	3
OA$LIB_SHARE	OAN$FILECHECK.COM	2
OA$LLV	OAN$MESSAGES.MSG	41†
SYS$HELP	OAN024.RELEASE_NOTES	10
SYS$TEST	OAN$IVP.COM	46

The following ALL-IN-1 files are updated to add new ALL-IN-1 Group Conferencing elements:

OA$LIB_LLV:OAFORM.FLB
OA$LIB_LLV:OAHELP.HLB
OA$LLV:OALLV.OLB
OA$BUILD_SHARE:OALIBR.OLB

The following forms are replaced during installation:

DEFAULT.FRM
EDTGMEN.FRM
GOLDGMENU.FRM
IM.FRM

2.1.3 Running the Installation Verification Procedure (IVP)

The Installation Verification Procedure (IVP) for ALL-IN-1 Group Conferencing verifies the installation. You are asked, during the installation procedure, whether or not you want to run the IVP. If you answer YES, the IVP is run automatically at the end of the installation.

After ALL-IN-1 Group Conferencing is installed, you can run the IVP independently to verify that the software is available on your system (see Section 2.1.3.1). You might also want to run the IVP after a system failure to be sure that users can access ALL-IN-1 Group Conferencing.

Note *The IVP cannot be run unless the ALL-IN-1 Version 2.4 and VAX Notes Version 2.0 Product Authorization Keys are registered and loaded.*

2.1.3.1 Manual Installation Verification Procedure

You can check the existing installation at any time, by manually running the IVP.

To run the IVP manually:

1. Log in to a host system account.
2. Enter the following command:

   ```
   $ @SYS$TEST:OAN$IVP
   ```

2.1.4 Aborting the Installation

To abort the installation procedure at any time, press CTRL/Y. When you press CTRL/Y, the installation procedure deletes all files it has created up to that point and exits. You can then start the installation again.

2.2 The Installation Procedure

To install ALL-IN-1 Group Conferencing, complete the following steps:

STEP 1: Invoke VMSINSTAL

To start the installation, log in under 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 OAN024 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 A1$, OA$ or OAN$.

OAN024, is the product identifier for the ALL-IN-1 Group Conferencing system.

For example, enter

```
$ @VMSINSTAL OAN024 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.
```

where:

- <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.

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]?
```

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

It is not advisable to continue, so press RETURN to halt VMSINSTAL Ask any users to log out, and 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

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$, OA$, or OAN$.

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:
```

Enter the product identifier, `OAN024`.

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 Group Conferencing 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. This is the volume labeled:

OAN V2.4 BIN media_type
lang LANGUAGE
(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, see the VMS system manager's book and the guide on setting up a VMS system).

Note *Unlike ALL-IN-1 Version 2.4, both the base and the language components for ALL-IN-1 Group Conferencing are on the same tape or TK50 cartridge.*

When you have mounted the volume, enter `YES`. VMSINSTAL tries to mount the distribution volume. If it succeeds, the following messages are displayed:

```
             %MOUNT-I-MOUNTED, OAN024 mounted on <device>:

The following products will be processed:
  OAN V2.4

        Beginning installation of OAN 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.
```

<hh:mm> is the current time.

STEP 6: Check the Mandatory and Optional Software Prerequisites

VMSINSTAL checks that the following software is running on your system:

- VMS Version 5.1 (or higher)
- ALL-IN-1 Version 2.4, with the same language that you want to install with ALL-IN-1 Group Conferencing
- VAX Notes Version 2.0 (or higher)

The installation procedure also checks that the ALL-IN-1 logical names are defined.

STEP 7: Indicate whether or not you want to purge files replaced by this installation

Do you want to purge files? ....

ALL-IN-1 Group Conferencing replaces various ALL-IN-1 files. You can choose to have these files purged to save space on the disk(s) on which ALL-IN-1 Group Conferencing is being installed.

VMSINSTAL displays:

```
* Do you want to purge files replaced by this installation?
```

Enter `NO` if you have customized any of the ALL-IN-1 files replaced by this installation. You must save the customized files.

Enter `YES` if you want to purge the old copies.

STEP 8: 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.*

STEP 9: Indicate which type of installation you wish to perform

Installation type: ......

VMSINSTAL displays:

```
   Using the ALL-IN-1 V2.4 Group Conferencing KIT, the following
   types of installation can be performed :-

        (1)     Full installation of ALL-IN-1 Group Conferencing
        (2)     Installation of an additional language

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

Enter `1` or press RETURN to indicate a full installation of ALL-IN-1 Group Conferencing.

Enter `2` if you are installing an additional language.

STEP 10: Specify the language code required by this installation

Language code: ....

VMSINSTAL displays:

```
*Enter language code for this installation (up to 9 characters) [ENGLISH]:
```

Enter the name of the language that you are installing, or press RETURN to accept the default, ENGLISH, if you are installing the English language version.

VMSINSTAL displays the following:

```
%OANL<lang>-I-RELANK, Restoring the LANGUAGE kit savesets.
%VMSINSTAL-I-RESTORE, Restoring product saveset A . . .
```

STEP 11: Check to see if valid ALL-IN-1 and VAX Notes licenses are loaded

VMSINSTAL checks to see if a valid ALL-IN-1 license is loaded. You must have either a capacity license (that is an ALLIN1 license) or a subscriber license (that is, an ALLIN1-PERSONAL license) loaded.

VMSINSTAL then checks to see if a valid VAX Notes license is loaded.

If you are installing an additional language, VMSINSTAL checks to see if either a subscriber license or a language-specific capacity (ALLIN1-UI-lang) license is loaded.

If a valid license is not found for either ALL-IN-1 or VAX Notes, the following message is displayed:

```
%OAN-W-NO_IVP, IVP will not be run, <product_name> license is not installed
%OAN-I-IVP, The IVP should be run after the license has been installed
```

<product_name> is ALL-IN-1 if the ALL-IN-1 license is invalid, or VAX Notes if the VAX Notes license is invalid.

The installation continues, but you must register and load the appropriate license before you can run the IVP.

STEP 12: Specify the location of the ALL-IN-1 Help library

Location of the ALL-IN-1 Help library: ....

VMSINSTAL asks you for the location of the ALL-IN-1 help library:

```
* Where is the ALL-IN-1 help library located [OA$LIB_LLV:]:
```

Press RETURN to accept the default, OA$LIB_LLV. Otherwise, enter the location.

STEP 13: Specify the location of the ALL-IN-1 form libraries

Location of the ALL-IN-1 form libraries: ....

VMSINSTAL asks you for the location of the ALL-IN-1 form libraries:

```
* Where are the ALL-IN-1 forms libraries located [OA$LIB_LLV:]:
```

Press RETURN to accept the default, OA$LIB_LLV. Otherwise, enter the location.

STEP 14: Specify the location of the ALL-IN-1 document templates

Location of the ALL-IN-1 document templates: ....

VMSINSTAL asks you for the location of the ALL-IN-1 document templates:

```
* Where are the ALL-IN-1 boilerplate files located [OA$BLP_LLV:]:
```

Press RETURN to accept the default, OA$BLP_LLV. Otherwise, enter the location.

STEP 15: Specify the location of the ALL-IN-1 scripts

Location of the ALL-IN-1 scripts: ....

VMSINSTAL asks you for the location of the ALL-IN-1 scripts:

```
* Where are the ALL-IN-1 scripts located [OA$DO_SHARE:]:
```

Press RETURN to accept the default, OA$DO_SHARE. Otherwise, enter the location.

STEP 16: Specify the location of the ALL-IN-1 files

Location of the ALL-IN-1 command files: ....

VMSINSTAL asks you for the location of the ALL-IN-1 command files:

```
* Where are the ALL-IN-1 command files located [OA$LIB_LLV:]:
```

Press RETURN to accept the default, OA$LIB_LLV. Otherwise, enter the location.

STEP 17: Specify the location of the ALL-IN-1 image

Location of the ALL-IN-1 image: ....

VMSINSTAL asks you for the location of the ALL-IN-1 image:

```
* Where is the ALL-IN-1 image located [OA$LIB_SHARE:]:
```

Press RETURN to accept the default, OA$LIB_SHARE. Otherwise, enter the location.

VMSINSTAL searches for the default ALL-IN-1 image file, OA$MAIN.EXE. If it does not find this image (because you have renamed the image file), 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.

STEP 18: Specify the location of the ALL-IN-1 build procedures

Location of the ALL-IN-1 build procedures: ....

VMSINSTAL asks you for the location of the ALL-IN-1 build procedures:

```
* Where are the ALL-IN-1 build procedures located [OA$BUILD_SHARE:]:
```

Press RETURN to accept the default, OA$BUILD_SHARE. Otherwise, enter the location.

STEP 19: Specify the location of the ALL-IN-1 object library

Location of the ALL-IN-1 object library: ....

VMSINSTAL asks you for the location of the ALL-IN-1 object library:

```
* Where is the ALL-IN-1 object library located [OA$BUILD_SHARE:]:
```

Press RETURN to accept the default, OA$BUILD_SHARE. Otherwise, enter the location.

STEP 20: Specify the location of the ALL-IN-1 local language object library

Location of the ALL-IN-1 local language object library: ....

VMSINSTAL asks you for the location of the ALL-IN-1 local language object library:

```
* Where is the ALL-IN-1 local language object library located [OA$LLV:]:
```

Press RETURN to accept the default, OA$LLV. Otherwise, enter the location.

STEP 21: Indicate whether or not you want to incorporate VAX DATATRIEVE

Do you want to incorporate VAX DATATRIEVE? ....

Name of VAX DATATRIEVE image: ....

VMSINSTAL displays:

```
* Do you want to incorporate DATATRIEVE [<default>]?
```

<default> is the answer you gave when you last installed ALL-IN-1. Press RETURN to accept this default.

Enter `NO` if you do not want ALL-IN-1 to link with VAX DATATRIEVE. VMSINSTAL goes to STEP 22.

Enter `YES`, if you want ALL-IN-1 to link with VAX DATATRIEVE (see the ALL-IN-1 Installation Guide for details). 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 22: Indicate whether or not you want to incorporate WPS-PLUS

Do you want to incorporate WPS-PLUS? ....

VMSINSTAL displays:

```
* Do you want to incorporate WPS-PLUS [<default>]?
```

<default> is the answer you gave when you last installed ALL-IN-1. Press RETURN to accept this default.

Enter `NO` if you do not want ALL-IN-1 to link with WPS-PLUS. VMSINSTAL goes to STEP 23.

Enter `YES`, if you want ALL-IN-1 to link with WPS-PLUS (see the ALL-IN-1 Installation Guide for details).

STEP 23: Indicate whether or not you want to incorporate ACMS

Do you want to incorporate ACMS? ....

VMSINSTAL displays:

```
* Do you want to incorporate ACMS [<default>]?
```

<default> is the answer you gave when you last installed ALL-IN-1. Press RETURN to accept this default.

Enter `NO` if you do not want ALL-IN-1 to link with ACMS. VMSINSTAL goes to STEP 24.

Enter `YES`, if you want ALL-IN-1 to link with ACMS (see the ALL-IN-1 Installation Guide for details).

STEP 24: 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.

VMSINSTAL displays:

```
* Do you want to build a MULTI-LANGUAGE system [<default>]?
```

<default> is the answer you gave when you last installed ALL-IN-1. Press RETURN to accept this default.

Enter `NO` if you do not want to build a multilingual ALL-IN-1 system. VMSINSTAL goes to STEP 24.

Enter `YES`, if you want to build a multilingual ALL-IN-1 system (see the ALL-IN-1 Installation Guide for details). VMSINSTAL displays:

STEP 25: Select the date format

Date format to use with ALL-IN-1: ....

VMSINSTAL displays:

```
* Which date format do you require [1]:
```

<default> is the answer you gave when you last installed ALL-IN-1. Press RETURN to accept this default.

If you do not want to select the default, the options available are given in Table 2–2.

Table 2–2 Date Formats

Option	Alphanumeric Date	Numeric Date
1	DD-MMM-YYYY	MM/DD/YY
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

STEP 26: Wait for the installation to complete

VMSINSTAL has now obtained all the information it requires.

```
%OANL<lang>-I-ASKDONE, All installation questions have been answered.

        Re-linking the ALL-IN-1 image to include Group Conferencing
    .
    .
    .
```

If you chose to run the IVP, 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:

```
%OAN-I-IVPSUCCESS,  ALL-IN-1 NOTES V2.4 IVP was successful
```

STEP 27: Complete installation

When VMSINSTAL has finished installing ALL-IN-1, it displays:

```
Installation of OAN 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 VMS 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 3 to set up ALL-IN-1 ready for use.

3 After Installation

This chapter describes the tasks to complete so that ALL-IN-1 Group Conferencing can be used by your users.

3.1 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 OAN V2.4 has failed.
```

If the IVP fails, the following messages are displayed:

```
The OAN V2.4 IVP failed.
```

```
%OAN-E-IVPFAIL,  OAN V2.4 IVP failed
```

The installation may fail because the ALL-IN-1 Group Conferencing functions have not linked to ALL-IN-1. In that case, the following message is displayed if you enter `<NOTES`:

```
Function "NOTES" not implemented in this version
```

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
- The quotas necessary for successful installation are insufficient
- The system parameter values for successful installation are insufficient
- The VMS Help library is currently in use

For descriptions of the error messages generated by these conditions, see the VMS documentation on system messages, recovery procedures, and VMS software installation. This documentation may be online. 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 process account quota value.) For information on installation requirements, see Chapter 1.

Also, check the following:

- That there is enough free space on the system and ALL-IN-1 disks (see Section 1.3)
- That you correctly specified the location of the ALL-IN-1 files as requested during the installation
- That the following files are enabled for SYSTEM WRITE access:

  OAFORM.FLB
  OAHELP.HLB
- That all logical names referenced in the ALL-IN-1 link procedure (A1LINK.COM) have been defined at system level, and that your ALL-IN-1 startup command procedure has been executed since the installation of ALL-IN-1, or since the last reboot of your system.

Then start the installation procedure again.

Apart from the system conference file, OAN$CONFERENCES.DAT, ALL-IN-1 Group Conferencing has no database of its own. Instead, it uses ALL-IN-1 and VMS facilities. If any ALL-IN-1 Group Conferencing software components become corrupted or lost, you can safely install again over the existing version, after you have saved OAN$CONFERENCES.DAT.

3.2 Changes Required for Customized Systems

The ALL-IN-1 Group Conferencing installation replaces the following forms:

DEFAULT.FRM
EDTGMEN.FRM
GOLDGMENU.FRM
IM.FRM

If you have customized any of these forms, you must apply your customizations to the new forms.

If you made changes to the following files, apply the your changes to the new files:

OAGBL.BLI
OASYMMSG.MAR

A1LINK.COM

3.3 Recompiling the Form Libraries

During the installation of ALL-IN-1 Group Conferencing, the ALL-IN-1 form library OA$LIB_LLV:OAFORM.FLB is updated to include the ALL-IN-1 Group Conferencing forms.

To maintain the run-time performance of ALL-IN-1, you need to recompile and reinstall the ALL-IN-1 form library. Also, you should compile and install the OA$LIB_LLV:OAN$FORMS.FLB form library.

Note *See the* ALL-IN-1 Management Guide *for more information on performance enhancements for ALL-IN-1.*

To recompile and reinstall the form libraries, do the following:

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

   ```
   $ ALLIN1/USER=MANAGER
   ```

2. Enter `MGT CSZ PCF`
3. Enter `OA$LIB_LLV:OAFORM` to precompile the form library OAFORM.FLB

   If you want to install OAFORM.FLC, enter `YES` at the prompt:

   ```
   Do you want to install the new .FLC? [Y/N]
   ```

4. If you want to compile the form library, OAN$FORMS.FLB, enter `PCF`
5. Enter `OA$LIB_LLV:OAN$FORMS` to precompile the OAN$FORMS form library

   If you want to install OAN$FORMS.FLC, enter `YES` at the prompt:

   ```
   Do you want to install the new .FLC? [Y/N]
   ```

6. Make sure that the compiled form libraries, OA$LIB_LLV:OAFORM.FLC and OA$LIB_LLV:OAN$FORMS.FLC have WORLD READ protection.

3.4 Recompiling the ALL-IN-1 TXL

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. Therefore, to improve performance, you should compile and install the ALL-IN-1 TXL and, if you have one, the site-specific TXL. See the *ALL-IN-1 Management Guide* for instructions on compiling and installing the TXLs.

3.5 Startup of ALL-IN-1 Group Conferencing

If you elected to run the Installation Verification Procedure (IVP) during the installation, the ALL-IN-1 startup command procedure (A1V24START.COM) is executed. If you did not elect to run IVP, you must execute the ALL-IN-1 startup command procedure to start up Group Conferencing as follows:

```
$ @SYS$MANAGER:A1V24START
```

ALL-IN-1 Group Conferencing is fully integrated with ALL-IN-1, and is activated when the ALL-IN-1 image is activated (that is, when a user enters `ALLIN1`).

3.6 Managing and Customizing the System

Chapter 4 describes how to manage ALL-IN-1 Group Conferencing.

3.7 Determining and Reporting Problems

If you find an error in the ALL-IN-1 Group Conferencing 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 Group Conferencing is being used and you believe that the error is caused by a problem with ALL-IN-1 Group Conferencing, 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)

4 Managing

This chapter describes how to manage ALL-IN-1 Group Conferencing.

For more information on managing conferences, see the *Guide to VAX Notes*.

4.1 Using ALL-IN-1 Group Conferencing on VAXcluster Systems

If you are using ALL-IN-1 Group Conferencing in a VAXcluster environment, you must set up a cluster alias. This will allow your users to modify their notes in a conference regardless of which node they log in to. See the VMS documentation on clusters.

4.2 Setting Up a List of Conferences

You can set up a list of conferences on your system for use by your users. Do this as follows:

1 From ALL-IN-1, enter `SCF`. The Group Conferencing—System Wide Conferences form is displayed.

2 Enter the name of the conference in the Conference name field.

If a record for this conference already exists in the system conference file OAN$CONFERENCES.DAT, the relevant information for the conference is placed in the remaining fields.

If a record for this conference does not exist in the system conference file, the Description and Location fields remain blank, and the Restricted field is set to the default N.

In both cases, the following prompt is then displayed:

```
Do you want to Add, Change, COpy, Delete, or Inquire:
```

- Enter `A` to add the specified conference to the system conference file, OAN$CONFERENCES.DAT.

Enter the appropriate details in the Description, Restricted and Location fields for the conference.

- Enter `C` to change the details of the specified conference.
  a. Move the cursor to the field to be changed
  b. Press ERASE LINE and enter the new information
- Enter `CO` to copy the details of the specified conference to another record in the system conference file
- Enter `D` to remove the specified conference from the system conference file
- Enter `I` to check the details of the specified conference

4.3 Moving a Conference to NOTES$LIBRARY

A conference is usually created in the NOTES$LIBRARY directory. If a user does not have privileges to create a conference in this directory, the user can create the conference in their own directory. You can then move the conference to the NOTES$LIBRARY directory as follows:

1. Log in to the VMS system manager's account
2. Enter the command:

   ```
   $ @NOTES$MOVE_CONFERENCE
   ```
3. Enter the location of the conference file at the prompt:

   ```
   Notefile specification:
   ```
4. Enter the name of moderator for that conference at the prompt:

   ```
   Conference moderator username:
   ```
5. The following prompt is then displayed:

   ```
   Allow access only through NOTES server? [NO]
   ```

   The VAX Notes server allows you to control access to a conference file in the NOTES$LIBRARY directory. The conference file is protected so that only the system manager, the owner of the file, and the VAX Notes server, NOTES$SERVER, can access it directly. Therefore, users other than the system manager and the owner of the conference file must access the file through the VAX Notes server. A user must enter node::conference, when adding the conference to their note book, where node is the name of the node containing the conference file, and conference is the name of the conference (for example, NODE::SAMPLE). If the conference file is on a VAXcluster system, and cluster aliasing is in use, then the node name is the cluster alias.

Enter `NO`, or press RETURN, if the conference file is not to be accessed through the server. The conference file is then moved to NOTES$LIBRARY, and the protection on the conference file is set to SYSTEM:RWE, OWNER:RWE, GROUP:RWE, WORLD:RWE.

Enter `YES` if the conference file is to be accessed through the server only The conference file is then moved to NOTES$LIBRARY, and the protection on the conference file is set to SYSTEM:RWE, OWNER:RWE, GROUP:, WORLD:. The Access Control List for the conference file is set so that the VAX Notes server and the owner of the conference file have access to it.

You can provide extra security for confidential conferences through an Access Control List (ACL). See the VAX Notes documentation for further information.

4.4 Deleting a Conference

To delete a conference on your system, do the following:

1. From ALL-IN-1, enter `IM GPC`. The Group Conferencing menu is displayed.
2. Press SELECT and enter the class and conference name of the conference to be deleted.
3. Enter `MDC`. The following prompt is displayed:

   ```
   Do you really want to delete this conference? [Y/N]:
   ```

   Enter `YES` to delete the conference. Otherwise, enter `NO`.

A

Software Distribution List

This appendix lists the files contained on the distribution media.

A.1 Magnetic Tape and TK50 Kits

The ALL-IN-1 Group Conferencing files are supplied on either one magnetic tape or one TK50, which is labeled as follows:

OAN V2.4 BIN media_type
lang LANGUAGE
(c) 1989 Digital Equipment Corp.

This contains the save sets OAN024.A and OANLlang024.A. A list of the files in these save sets is given in Section A.3.

media_type is 16MT9 for tape and TK50 for a TK50 cartridge

A.2 Compact Disk Consolidated Software Distribution Kits

The compact disk (CD) contains directories of the form [OANlang], where lang is the language available to you, for example, [OANENGLISH]. This directory contains two subdirectories; one containing the save sets for the ALL-IN-1 Group Conferencing kit, the other containing various documentation in ASCII text format.

The save sets required to install ALL-IN-1 Group Conferencing are in the directory [OANlang.KIT]. These save sets are:

- OAN024.A
- OANLlang024.A

A list of the files in these save sets is given in Section A.3.

The documentation is in the directory [OANlang.LINE_DOCS], and contains the following:

- The ALL-IN-1 Group Conferencing Installation and Management Guide:

  OAN024_INSTALL_GUIDE.TXT

- The Read Me First:

  OANlang024_READ_ME_FIRST.TXT

Note *There is no Read Me First for the English language version of ALL-IN-1 Group Conferencing.*

A.3 List of Files in Each Save Set

Save Set: OAN024.A

```
A1LINK.COM;1        KITINSTAL.COM;1     OAGBL.BLI;1
OAGBL.OBJ;1         OAN$CREATE_CONFERENCE.SCP;1
OAN$DELETE_CONFERENCE.COM;1             OAN$DELETE_CONFERENCE.SCP;1
OAN$DIR.SCP;1       OAN$DIRVALID.SCP;1  OAN$ENTRY_UPDATE.SCP;1
OAN$EXTRACT.SCP;1   OAN$FILECHECK.COM;1 OAN$FILECHECK.SCP;1
OAN$FILE_NOTE.SCP;1 OAN$FORWARD.SCP;1   OAN$GOLDG_ACTION.SCP;1
OAN$IVP.COM;1       OAN$KEYWORD_SELECTED.SCP;1
OAN$KEYWORD_VALID.SCP;1                 OAN$LIBRARY.OLB;1
OAN$LINK.COM;1      OAN$MEMBER_SELECTED.SCP;1
OAN$MESSAGES.OBJ;1  OAN$MODIFY_CONFERENCE.SCP;1
OAN$MODIFY_NOTE.SCP;1                   OAN$NOTES_VALID_CONFERENCE.SCP;1
OAN$PRINT.SCP;1     OAN$READ.SCP;1      OAN$SELECT.SCP;1
OAN$VALID_NOTE_ID.SCP;1                 OAN$WRITE.SCP;1
OAN$XREMOVE_CONFERENCES.SCP;1           OAN$XUPDATE_CONFERENCES.SCP;1
OAN024.RELEASE_NOTES;1                  OASYMMSG.MAR;1
OASYMMSG.OBJ;1

Total of 36 files.
```

Save Set: OANLlang024.A

```
DEFAULT.FRM;1        EDTGMEN.FRM;1        GOLDGMENU.FRM;1
GOLDGMENU.MEM;1      GOLDGEMENU.RNO;1     GPCBOOKS.MEM;1
GPCBOOKS.RNO;1       IM.FRM;1             IM.MEM;1
IM.RNO;1             MAIN.MEM;1           MAIN.RNO;1
OAN$ADD$KEYWORD.MEM;1                     OAN$ADD$KEYWORD.RNO;1
OAN$ADD$MEMBER.MEM;1                      OAN$ADD$MEMBER.RNO;1
OAN$ADDCONF.MEM;1    OAN$ADDCONF.RNO;1    OAN$ANSWER$NOTE.MEM;1
OAN$ANSWER$NOTE.RNO;1                     OAN$ATTACH.BLP;1
OAN$BLP.BLP;1        OAN$CONFERENCES.DAT;1
OAN$CONFERENCES.FDL;1                     OAN$CONFPROFILE.MEM;1
OAN$CONFPROFILE.RNO;1                     OAN$CREATE$CONF.MEM;1
OAN$CREATE$CONF.RNO;1                     OAN$DELETE$KEYWORD.MEM;1
OAN$DELETE$KEYWORD.RNO;1                  OAN$DELETE$MEMBER.RNO;1
OAN$DELETE$MEMBER.RNO;1                   OAN$DIR$CRITERIA.MEM;1
OAN$DIR$CRITERIA.RNO;1                    OAN$DIR.BLP;1
OAN$DIRHDR.BLP;1     OAN$FORMS.FLB;1      OAN$HIDDEN.BLP;1
OAN$INDEX$FIND.MEM;1                      OAN$INDEX$FIND.RNO;
OAN$INDEX$MENU.MEM;1                      OAN$INDEX$MENU.RNO;1
OAN$INDEX.MEM;1      OAN$INDEX.RNO;1      OAN$KEYWORD$INDEX.MEM;1
OAN$KEYWORD$INDEX.RNO;1                   OAN$KEYWORD$MENU.MEM;1
OAN$KEYWORD$MENU.RNO;1                    OAN$KEYWORD$VALID.MEM;1
OAN$KEYWORD$VALID.RNO;1                   OAN$KEYWORD.BLP;1
OAN$KEYWORDHDR.BLP;1                      OAN$MEMBER.BLP;1
OAN$MEMBERHDR.BLP;1  OAN$MEMBERS$FIND.MEM;1
OAN$MEMBERS$FIND.RNO;1                    OAN$MEMBERS$INDEX.MEM;1
OAN$MEMBERS$INDEX.RNO;1                   OAN$MEMBERS$MENU.MEM;1
OAN$MEMBERS$MENU.RNO;1                    OAN$MENU1.MEM;1
OAN$MENU1.RNO;1      OAN$MENU2.MEM;1      OAN$MENU2.RNO;1
OAN$MESSAGES.MSG;1   OAN$MESSAGES_LLV.OBJ;1
OAN$MOD$CONFERENCE.MEM;1                  OAN$MOD$CONFERENCE.RNO;1
OAN$MOD$CONFERENCE.MEM;1                  OAN$MOD$CONFERENCE.RNO;1
OAN$MOD$KEYWORD.MEM;1                     OAN$MOD$KEYWORD.RNO;1
OAN$MOD$MEMBER.MEM;1                      OAN$MOD$MEMBER.RNO;1
OAN$MODIFY$CONFERENCE.MEM;1               OAN$MODIFY$CONFERENCE.RNO;1
OAN$MODIFY$NOTE.MEM;1                     OAN$MODIFY$NOTE.RNO;1
OAN$MODMENU.MEM;1    OAN$MODMENU.RNO;1    OAN$NOTEBOOK$INDEX$FIND.MEM;1
OAN$NOTEBOOK$INDEX$FIND.MEM;1             OAN$NOTEBOOK$INDEX$MENU.MEM;1
OAN$NOTEBOOK$INDEX$MENU.RNO;1             OAN$NOTEBOOK$INDEX$VIEW.MEM;1
OAN$NOTEBOOK$INDEX$VIEW.MEM;1             OAN$NOTEBOOK$INDEX.MEM;1
OAN$NOTEBOOK$INDEX.RNO;1                  OAN$READ$MENU.MEM;1
OAN$READ$MENU.RNO;1  OAN$READ.BLP;1       OAN$READ.MEM;1
OAN$READ.RNO;1       OAN$REMCONF.MEM;1    OAN$REMCONF.RNO;1
OAN$SAMPLE_CONFERENCES.NOTE;1             OAN$SELDOC.MEM;1
OAN$SELDOC.RNO;1     OAN$SELECT.MEM;1     OAN$SELECT.RNO;1
OAN$SET$PROFILE.MEM;1                     OAN$SET$PROFILE.RNO;1
OAN$WRITENOTE.MEM;1  OAN$WRITENOTE.RNO;1

Total of 102 files.
```

B

Sample Installation Printout

This appendix gives a sample listing of a successful installation procedure.

The installation was performed on a VMS Version 5.1 system running ALL-IN-1 Version 2.4, with the English language installed, and VAX Notes Version 2.0.

The ALL-IN-1 Version 2.4 system was installed:

- Without DATATRIEVE or ACMS
- With WPS-PLUS
- As a multilingual system

Responses entered by the installer are shown in red print.

```
$  SET DEFAULT SYS$UPDATE
$  @VMSINSTAL

        VAX/VMS Software Product Installation Procedure V5.1

It is 17-DEC-1989 at 10:00.
Enter a question mark (?) at any time for help.

%VMSINSTAL-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:  MTA0:

Enter the products to be processed from the first distribution volume set.

* Products:  OAN024
Please mount the first volume of the set on _MTA0:.
* Are you ready?  YES
%MOUNT-I-MOUNTED, OAN mounted on _MTA0:
The following products will be processed:

  OAN V2.4
```

```
        Beginning installation of OAN V2.4 at 10:00

%VMSINSTAL-I-RESTORE, Restoring product saveset A...
%VMSINSTAL-I-RELMOVED , The product's release notes have been successfully
    moved to SYS$HELP.
* Do you want to purge files replaced by this installation [YES]?  YES

     The ALL-IN-1 Group Conferencing Installation Verification Procedure
     does not need to be run during installation.

     The installation provides a file OAN$IVP.COM in directory SYS$TEST
     to perform the IVP.

     The IVP can be started from DCL in a suitably privileged account by
     typing:-

                @SYS$TEST:OAN$IVP

* Do you want to run the IVP after the installation [YES]?  YES

    Installing ALL-IN-1 V2.4 Group Conferencing using the FULL kit


    Using the ALL-IN-1 V2.4 Group Conferencing KIT, the following
    types of installation can be performed :-

        (1)     Full installation of ALL-IN-1 Group Conferencing
        (2)     Installation of an additional language

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

* Enter language code for this installation (up to 9 characters)
    [ENGLISH]:  ENGLISH
%OANENGLISH-I-RELANK, Restoring the LANGUAGE kit saveset
%VMSINSTAL-I-RESTORE, Restoring product saveset A ...

* Where is the ALL-IN-1 help library located [OA$LIB_LLV:]:  OA$LIB_LLV

* Where are the ALL-IN-1 forms libraries located [OA$LIB_LLV:]:  OA$LIB_LLV


* Where are the ALL-IN-1 boilerplates located [OA$BLP_LLV:]:  OA$BLP_LLV

* Where are the ALL-IN-1 scripts located [OA$DO_SHARE:]:  OA$DO_SHARE


* Where are the ALL-IN-1 command files located [OA$LIB_SHARE:]:
OA$LIB_SHARE

* Where is the ALL-IN-1 image located [OA$LIB_SHARE:]:  OA$LIB_SHARE

* Where are the ALL-IN-1 build procedures located [OA$BUILD_SHARE:]:
OA$BUILD_SHARE

* Where is the ALL-IN-1 object library located [OA$BUILD_SHARE:]:
OA$BUILD_SHARE

* Where is the ALL-IN-1 local language object library located [OA$LLV:]:
```

```
OA$LLV
%OAN-I-SAVED_ANS_1, Default answers are being taken from saved answers file
%OAN-I-SAVED_ANS_2, which was created on 15-DEC-1989 10:12:14.11
* Do you want to incorporate DATATRIEVE [NO]?  NO
%OAN-I-DTRNOLINK, DATATRIEVE will not be linked with ALL-IN-1
* Do you want to incorporate WPS-PLUS [YES]?  YES
%OAN-I-WPSLINK, The WPS-PLUS editor will be linked with ALL-IN-1
* Do you want to incorporate ACMS [NO]?  NO
%OAN-I-ACMSNOLINK, ACMS will not be linked with ALL-IN-1
* Do you want to build a MULTI-LANGUAGE system [YES]?  YES
%OAN-I-MLLINK, ALL-IN-1 will be linked as a multi-language system
* Which date format do you require [1]?  1
%OAN-I-DATEFORMAT, Date format DD-MMM-YYYY and MM/DD/YY (1) has been selected
%OAN-I-ALLANS, All installation questions have been answered.
%OAN-I-NOMORE, Installation will continue to completeion.

   Re-linking the ALL-IN-1 image to include Group Conferencing

Linking the OA$LLVENGLISH.EXE
Building shared image modules
Shared image modules built

   The ALL-IN-1 Group Conferencing link options file (OAN$LINK.COM)
   links in the ALL-IN-1 Group Conferencing modules.  Remove this
   file and restart the link if you do not want this product linked
   into your image.

Linking the OA$MAIN image
Linking the Background fomatter
Linking the TM Server
Linking the OA$SUBMIT image
Linking the MAILCOUNT image

%OAN-I-A1LINKED, Finished linking images

    The ALL-IN-1 Group Conferencing installation has completed successfully.
    The IVP will now be run if requested.  Please remember to complete any
    post installation tasks described in the Installation Guide.


        Starting ALL-IN-1
        Installing ALL-IN-1 images
        Defining language independent logical names
        Defining ENGLISH language logical names

        Running ALL-IN-1 to remove existing ENGLISH FORM LIBRARIES

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""
%SYSTEM-E-NOSUCHSEC, no such (global) section
%SYSTEM-E-NOSUCHSEC, no such (global) section


        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""
```

```
        Running ALL-IN-1 to check HOUSEKEEPING jobs

%OA-I-LASTLINE, "" ALL-IN-1 is RUNNING""
Checking the housekeeping schedule to see if any procedures need requeueing

 Starting the TM SERVER
 Starting OA$FCV
 Starting the MAIL Sender and Fetcher
 ALL-IN-1 startup procedure completed

%OAN-I-IVPSTART,  ALL-IN-1 Group Conferencing V2.4 IVP started

    Check that all the ALL-IN-1 scripts supplied for ALL-IN-1 Group
        Conferencing
    are present on the system.

    The IVP will try to locate the following SCP (scripts) in OA$DO_SHARE.

        OAN$CREATE_CONFERENCE.SCP
        OAN$DELETE_CONFERENCE.SCP
        OAN$DIR.SCP
        OAN$DIRVALID.SCP
        OAN$ENTRY_UPDATE.SCP
        OAN$EXTRACT.SCP
        OAN$FILECHECK.SCP
        OAN$FILE_NOTE.SCP
        OAN$FORWARD.SCP
        OAN$GOLDG_ACTION.SCP
        OAN$KEYWORD_SELECTED.SCP
        OAN$KEYWORD_VALID.SCP
        OAN$MEMBER_SELECTED.SCP
        OAN$MODIFY_CONFERENCE.SCP
        OAN$MODIFY_NOTE.SCP
        OAN$NOTES_VALID_CONFERENCE.SCP
        OAN$PRINT.SCP
        OAN$READ.SCP
        OAN$SELECT.SCP
        OAN$VALID_NOTE_ID.SCP
        OAN$WRITE.SCP
        OAN$XREMOVE_CONFERENCES.SCP
        OAN$XUPDATE_CONFERENCES.SCP

%OAN-I-IVPSTRTSCP,  Start check for ALL-IN-1 Group Conferencing scripts.
%OAN-I-IVPALLSCP,  All ALL-IN-1 Group Conferencing scripts located.
%OAN-I-IVPENDSCP,  End check for ALL-IN-1 Group Conferencing scripts.

    Check that all the ALL-IN-1 data files required for
    ALL-IN-1 Group Conferencing are present on the system.

    The IVP will try to locate the following FDL (file description) file in
    OA$LIB_SHARE.

        OAN$CONFERENCES.FDL

    The IVP will try to locate the following FDL (file description) file in
    OA$DATA_SHARE.

        OAN$CONFERENCES.DAT
```

```
%OAN-I-IVPSTRTDAT,  Start check for ALL-IN-1 Group Conferencing data files.
%OAN-I-IVPALLDAT,  All ALL-IN-1 Group Conferencing data files located.
%OAN-I-IVPENDDAT,  End check for ALL-IN-1 Group Conferencing data files.

    Check that all the ALL-IN-1 boilerplate files required for
    ALL-IN-1 Group Conferencing are present on the system.

    The IVP will try to locate the following BLP (boilerplate) files in
    OA$BLP_LLV.

        OAN$ATTACH.BLP
        OAN$BLP.BLP
        OAN$DIR.BLP
        OAN$DIRHDR.BLP
        OAN$HIDDEN.BLP
        OAN$KEYWORD.BLP
        OAN$KEYWORDHDR.BLP
        OAN$MEMBER.BLP
        OAN$MEMBERHDR.BLP
        OAN$READ.BLP

%OAN-I-IVPSTRTBLP,  Start check for ALL-IN-1 Group Conferencing boilerplate
    files.
%OAN-I-IVPALLBLP,  All ALL-IN-1 Group Conferencing boilerplate files located.
%OAN-I-IVPENDBLP,  End check for ALL-IN-1 Group Conferencing boilerplate
    files.

    Check that all the ALL-IN-1 help library modules required for ALL-IN-1
    Group Conferencing are present on the system.

    The help modules are provided in two libraries in two formats.

    The IVP will try to locate the two help libraries,

        OA$LIB_LLV:OAHELP.HLB and
        OA$LIB_LLV:HLPSOURCE.HLB

    After confirming the help libraries exist the IVP will get a listing of
    the ALL-IN-1 Group Conferencing elements in these libraries.

    The following list contains the elements that should exist in the two
    help libraries.
```

```
        OAN$ADDCONF
        OAN$ANSWER$NOTE
        OAN$CREATE$CONF
        OAN$INDEX$MENU
        OAN$INDEX
        OAN$KEYWORD$INDEX
        OAN$KEYWORD$MENU
        OAN$MEMBERS$INDEX
        OAN$MEMBERS$MENU
        OAN$MENU1
        OAN$MENU2
        OAN$MODIFY$NOTE
        OAN$MODMENU
        OAN$NOTEBOOK$INDEX$MENU
        OAN$NOTEBOOK$INDEX
        OAN$READ$MENU
        OAN$SELDOC
        OAN$SELECT
        OAN$SET$PROFILE
        OAN$WRITENOTE

%OAN-I-IVPSTRTHLB,  Start check of ALL-IN-1 Group Conferencing help
    libraries.
%OAN-I-IVPLISTHLB,  Directory listing of OA$LIB_LLV:HLPSOURCE.HLB help
    modules.

Directory of HELP library SYS$SYSDEVICE:[ALLIN1.LIB_ENGLISH]HLPSOURCE.HLB;4
         on 8-DEC-1989 10:19:46
Creation date:  21-SEP-1989 16:47:18      Creator:  VAX-11 Librarian V04-00
Revision date:  8-DEC-1989 10:46:27       Library format:   3.0
Number of modules:    634                 Max. key length:  39
Other entries:          0                 Preallocated index blocks:    101
Recoverable deleted blocks:      8        Total index blocks used:       33
Max. Number history records:      20      Library history records:        2

OAN$ADDCONF      inserted 8-DEC-1989 10:46:19
OAN$ANSWER$NOTE  inserted 8-DEC-1989 10:46:19
OAN$CREATE$CONF  inserted 8-DEC-1989 10:46:19
OAN$INDEX        inserted 8-DEC-1989 10:46:21
OAN$INDEX$MENU   inserted 8-DEC-1989 10:46:20
OAN$KEYWORD$INDEX inserted 8-DEC-1989 10:46:21
OAN$KEYWORD$MENU inserted 8-DEC-1989 10:46:21
OAN$MEMBERS$INDEX inserted 8-DEC-1989 10:46:22
OAN$MEMBERS$MENU inserted 8-DEC-1989 10:46:22
OAN$MENU1        inserted 8-DEC-1989 10:46:22
OAN$MENU2        inserted 8-DEC-1989 10:46:23
OAN$MODIFY$NOTE  inserted 8-DEC-1989 10:46:24
OAN$MODMENU      inserted 8-DEC-1989 10:46:24
OAN$NOTEBOOK$INDEX inserted 8-DEC-1989 10:46:25
OAN$NOTEBOOK$INDEX$MENU inserted 8-DEC-1989 10:46:24
OAN$READ$MENU    inserted 8-DEC-1989 10:46:25
OAN$SELDOC       inserted 8-DEC-1989 10:46:26
OAN$SELECT       inserted 8-DEC-1989 10:46:26
OAN$SET$PROFILE  inserted 8-DEC-1989 10:46:26
OAN$WRITENOTE    inserted 8-DEC-1989 10:46:27
```

```
%OAN-I-IVPLISTHLB,  Directory listing of OA$LIB_LLV:OAHELP.HLB help modules.

Directory of HELP library SYS$SYSDEVICE:[ALLIN1.LIB_ENGLISH]OAHELP.HLB;5
         on 8-DEC-1989 10:19:49
Creation date:  21-SEP-1989 16:48:58      Creator:  VAX-11 Librarian V04-00
Revision date:  8-DEC-1989 10:45:12      Library format:   3.0
Number of modules:    634                 Max. key length:  31
Other entries:          0                 Preallocated index blocks:     86
Recoverable deleted blocks:      9        Total index blocks used:       34
Max. Number history records:      20      Library history records:        2

OAN$ADDCONF      inserted 8-DEC-1989 10:45:05
OAN$ANSWER$NOTE  inserted 8-DEC-1989 10:45:05
OAN$CREATE$CONF  inserted 8-DEC-1989 10:45:05
OAN$INDEX        inserted 8-DEC-1989 10:45:06
OAN$INDEX$MENU   inserted 8-DEC-1989 10:45:06
OAN$KEYWORD$INDEX inserted 8-DEC-1989 10:45:07
OAN$KEYWORD$MENU inserted 8-DEC-1989 10:45:07
OAN$MEMBERS$INDEX inserted 8-DEC-1989 10:45:07
OAN$MEMBERS$MENU inserted 8-DEC-1989 10:45:08
OAN$MENU1        inserted 8-DEC-1989 10:45:08
OAN$MENU2        inserted 8-DEC-1989 10:45:09
OAN$MODIFY$NOTE  inserted 8-DEC-1989 10:45:09
OAN$MODMENU      inserted 8-DEC-1989 10:45:09
OAN$NOTEBOOK$INDEX inserted 8-DEC-1989 10:45:10
OAN$NOTEBOOK$INDEX$MENU inserted 8-DEC-1989 10:45:10
OAN$READ$MENU    inserted 8-DEC-1989 10:45:10
OAN$SELDOC       inserted 8-DEC-1989 10:45:11
OAN$SELECT       inserted 8-DEC-1989 10:45:11
OAN$SET$PROFILE  inserted 8-DEC-1989 10:45:12
OAN$WRITENOTE    inserted 8-DEC-1989 10:45:12

%OAN-I-IVPALLHLB,  All ALL-IN-1 Group Conferencing help libraries located.
%OAN-I-IVPENDHLB,  End check for ALL-IN-1 Group Conferencing help libraries.

    Check that all the ALL-IN-1 form libraries required for ALL-IN-1
    Group Conferencing are present on the system.

    The IVP will try to locate these two form libraries,

 OA$LIB_LLV:OAN$FORMS.FLB and
 OA$LIB_LLV:OAFORM.FLB

    After confirming the form libraries exist the IVP will get a listing of
    the ALL-IN-1 Group Conferencing form library. This library should contain
    these forms
```

```
        MORE$SCROLL$KEYS$INDEX
        OAN$ADD$KEYWORD
        OAN$ADD$MEMBER
        OAN$ADDCONF
        OAN$ANSWER$NOTE
        OAN$CONFERENCES
        OAN$CONFPROFILE
        OAN$CONFRECOG
        OAN$CREATE$CONF
        OAN$DELETE$KEYWORD
        OAN$DELETE$MEMBER
        OAN$DIR$CRITERIA
        OAN$INDEX$FIND
        OAN$INDEX$MENU
        OAN$INDEX$VIEW
        OAN$INDEX
        OAN$KEYWORD$INDEX
        OAN$KEYWORD$MENU
        OAN$KEYWORD$VALID
        OAN$KEYWORD$VIEW
        OAN$MEMBERRECOG
        OAN$MEMBERS$FIND
        OAN$MEMBERS$INDEX
        OAN$MEMBERS$MENU
        OAN$MEMBERS$VIEW
        OAN$MENU1
        OAN$MENU2
        OAN$MOD$CONFERENCE
        OAN$MOD$KEYWORD
        OAN$MOD$MEMBER
        OAN$MODIFY$CONFERENCE
        OAN$MODIFY$NOTE
        OAN$MODMENU
        OAN$NOTEBOOK$INDEX$FIND
        OAN$NOTEBOOK$INDEX$MENU
        OAN$NOTEBOOK$INDEX$VIEW
        OAN$NOTEBOOK$INDEX
        OAN$PROMPT
        OAN$READ$MENU
        OAN$READ
        OAN$RECOG$CONFERENCES
        OAN$REMCONF
        OAN$SCROLL
        OAN$SELDOC
        OAN$SELECT
        OAN$SET$PROFILE
        OAN$WRITENOTE
%OAN-I-IVPSTRTFLB,  Start check of ALL-IN-1 Group Conferencing form
    libraries.
%OAN-I-IVPLISTFLB,  Directory listing of OA$LIB_LLV:OAN$FORMS.FLB forms.

Form Application Aids V2.4
8-DEC-1989 10:50
```

```
Library SYS$SYSDEVICE:[ALLIN1.LIB_ENGLISH]OAN$FORMS.FLB;1,
        created: 30-SEP-1989 10:39

Date and time of last modification: 30-SEP-1989 16:48

Form name                    Creation date/time   Workspace size (bytes)

MORE$SCROLL$KEYS$INDEX       30-SEP-1989 16:39        7451
OAN$ADD$KEYWORD              30-SEP-1989 16:39        1033
OAN$ADD$MEMBER               30-SEP-1989 16:39        1673
OAN$ADDCONF                  30-SEP-1989 16:39        2077
OAN$ANSWER$NOTE              30-SEP-1989 16:39        1893
OAN$CONFERENCES              30-SEP-1989 16:40        969
OAN$CONFPROFILE              30-SEP-1989 16:40        3715
OAN$CONFRECOG                30-SEP-1989 16:40        701
OAN$CREATE$CONF              30-SEP-1989 16:40        2647
OAN$DELETE$KEYWORD           30-SEP-1989 16:41        881
OAN$DELETE$MEMBER            30-SEP-1989 16:41        2293
OAN$DIR$CRITERIA             30-SEP-1989 16:41        2395
OAN$INDEX$FIND               30-SEP-1989 16:41        5513
OAN$INDEX$MENU               30-SEP-1989 16:41        2151
OAN$INDEX$VIEW               30-SEP-1989 16:42        3479
OAN$INDEX                    30-SEP-1989 16:42        14635
OAN$KEYWORD$INDEX            30-SEP-1989 16:42        8651
OAN$KEYWORD$MENU             30-SEP-1989 16:42        1523
OAN$KEYWORD$VALID            30-SEP-1989 16:42        2739
OAN$KEYWORD$VIEW             30-SEP-1989 16:43        1491
OAN$MEMBERRECOG              30-SEP-1989 16:43        667
OAN$MEMBERS$FIND             30-SEP-1989 16:43        1699
OAN$MEMBERS$INDEX            30-SEP-1989 16:43        8471
OAN$MEMBERS$MENU             30-SEP-1989 16:43        1517
OAN$MEMBERS$VIEW             30-SEP-1989 16:43        1695
OAN$MENU1                    30-SEP-1989 16:44        15055
OAN$MENU2                    30-SEP-1989 16:44        6139
OAN$MOD$CONFERENCE           30-SEP-1989 16:44        2301
OAN$MOD$KEYWORD              30-SEP-1989 16:44        1025
OAN$MOD$MEMBER               30-SEP-1989 16:44        2749
OAN$MODIFY$CONFERENCE        30-SEP-1989 16:44        1623
OAN$MODIFY$NOTE              30-SEP-1989 16:45        2939
OAN$MODMENU                  30-SEP-1989 16:45        9409
OAN$NOTEBOOK$INDEX$FIND      30-SEP-1989 16:45        1565
OAN$NOTEBOOK$INDEX$MENU      30-SEP-1989 16:45        1909
OAN$NOTEBOOK$INDEX$VIEW      30-SEP-1989 16:46        2379
OAN$NOTEBOOK$INDEX           30-SEP-1989 16:46        9817
OAN$PROMPT                   30-SEP-1989 16:46        251
OAN$READ$MENU                30-SEP-1989 16:46        1893
OAN$READ                     30-SEP-1989 16:47        13291
OAN$RECOG$CONFERENCES        30-SEP-1989 16:47        709
OAN$REMCONF                  30-SEP-1989 16:47        1179
OAN$SCROLL                   30-SEP-1989 16:47        2077
OAN$SELDOC                   30-SEP-1989 16:47        2403
OAN$SELECT                   30-SEP-1989 16:47        1569
OAN$SET$PROFILE              30-SEP-1989 16:48        2073
OAN$WRITENOTE                30-SEP-1989 16:48        2043
```

```
    ALL-IN-1 Group Conferencing has modified and replaces three forms in
        OAFORM.FLB,

        DEFAULT
        EDTGMEN
        GOLDGMENU
        IM

    If there is any reason for concern about the installation of
    ALL-IN-1 Group Conferencing, you should look to see that these forms
        have been
    updated during the installation.

%OAN-I-IVPMODFLB,  Modified dates of the forms that ALL-IN-1 Group
    Conferencing
                   replaces.
%OAN-I-IVPIGNORE,  Please ignore information about form EMVMIM.

DEFAULT                      24-OCT-1989 20:47        16283
EDTGMEN                       1-SEP-1989 18:11        2189
EMVMIM                        1-SEP-1989 18:48        1881
GOLDGMENU                    24-OCT-1989 16:39        2173
IM                           24-OCT-1989 16:39        1699

%OAN-I-IVPALLFLB,  All ALL-IN-1 Group Conferencing form libraries located.
%OAN-I-IVPENDFLB,  End check for ALL-IN-1 Group Conferencing form libraries.

    Check that all the ALL-IN-1 DCL command files required for ALL-IN-1
    Group Conferencing are present on the system.

    The IVP will try to locate these two command files,

        OAN$DELETE_CONFERENCE.COM
        OAN$FILECHECK.COM

%OAN-I-IVPSTRTCOM,  Start check of ALL-IN-1 Group Conferencing
                    DCL command files.
%OAN-I-IVPALLCOM,  All ALL-IN-1 Group Conferencing DCL command files
    located.
%OAN-I-IVPENDCOM,  End check for ALL-IN-1 Group Conferencing DCL command
    files.

    Check that all the files required for linking (building)
    ALL-IN-1 Group Conferencing into an ALL-IN-1 are present on the system.

    The IVP will try to locate these three files,

        A1LINK.COM
        OAN$LINK.COM
        OAN$LIBRARY.OLB

%OAN-I-IVPSTRTBLD,  Start check of ALL-IN-1 Group Conferencing build files.

    The ALL-IN-1 Group Conferencing object library OAN$LIBRARY.OLB
    should contain these modules,
```

```
        OAN$ADD_ENTRY
        OAN$ADD_KEYWORD
        OAN$ADD_MARKER
        OAN$ADD_MEMBER
        OAN$ANSWER
        OAN$CLOSE
        OAN$CREATE_CONFERENCE
        OAN$CREATE_KEYWORD
        OAN$DATE
        OAN$DEFINITIONS
        OAN$DELETE_ENTRY
        OAN$DELETE_KEYWORD
        OAN$DELETE_MARKER
        OAN$DELETE_MEMBER
        OAN$DELETE_NOTE
        OAN$ENTRY_DSAB
        OAN$EXIT
        OAN$EXTRACT
        OAN$GLOBALS
        OAN$INITIALIZE
        OAN$ITEM_LIST
        OAN$KEYWORD_DSAB
        OAN$MAIN
        OAN$MARKER_DSAB
        OAN$MEMBER_DSAB
        OAN$MODIFY_CONFERENCE
        OAN$MODIFY_ENTRY
        OAN$MODIFY_KEYWORD
        OAN$MODIFY_MARKER
        OAN$MODIFY_MEMBER
        OAN$MODIFY_NOTE
        OAN$MODIFY_PROFILE
        OAN$NOTES_CALLS
        OAN$NOTES_CODES
        OAN$NOTES_DECLARATIONS
        OAN$NOTE_DSAB
        OAN$OPEN
        OAN$SELECT
        OAN$SET_MODERATOR
        OAN$SET_SEEN
        OAN$STACK
        OAN$TEXT_DSAB
        OAN$TRANSLATION
        OAN$UPDATE
        OAN$USERNAME
        OAN$WRITE

%OAN-I-IVPLISTOLB,  Directory listing of OAN$LIBRARY.OLB object modules.
```

```
Directory of OBJECT library SYS$SYSDEVICE:[ALLIN1.SOURCES]OAN$LIBRARY.OLB;1
         on 8-DEC-1989 10:20:13
Creation date:  24-OCT-1989 17:43:20      Creator:  VAX-11 Librarian V04-00
Revision date:  24-OCT-1989 17:43:33      Library format:   3.0
Number of modules:     46                 Max. key length:  31
Other entries:        216                 Preallocated index blocks:     49
Recoverable deleted blocks:      0        Total index blocks used:       23
Max. Number history records:      20      Library history records:        0

OAN$ADD_ENTRY    Ident V1.0-008         Inserted 24-OCT-1989 17:43:21 1
    symbol
OAN$ADD_KEYWORD  Ident V1.0-004         Inserted 24-OCT-1989 17:43:21 1
    symbol
OAN$ADD_MARKER   Ident V1.0-003         Inserted 24-OCT-1989 17:43:21 1
    symbol
OAN$ADD_MEMBER   Ident V1.0-002         Inserted 24-OCT-1989 17:43:21 1
    symbol
OAN$ANSWER       Ident V1.0-005         Inserted 24-OCT-1989 17:43:21 1
    symbol
OAN$CLOSE        Ident V1.0-008/A       Inserted 24-OCT-1989 17:43:22 1
    symbol
OAN$CREATE_CONFERENCE Ident V1.0-002 Inserted 24-OCT-1989 17:43:22 1 symbol
OAN$CREATE_KEYWORD Ident V1.0-001 Inserted 24-OCT-1989 17:43:22 1 symbol
OAN$DATE         Ident V1.0-002/A       Inserted 24-OCT-1989 17:43:22 1
    symbol
OAN$DEFINITIONS  Ident V1.0-029/A       Inserted 24-OCT-1989 17:43:22 6
    symbols
OAN$DELETE_ENTRY Ident 01 Inserted 24-OCT-1989 17:43:23 1 symbol
OAN$DELETE_KEYWORD Ident V1.0-002 Inserted 24-OCT-1989 17:43:23 1 symbol
OAN$DELETE_MARKER Ident V1.0-002 Inserted 24-OCT-1989 17:43:23 1 symbol
OAN$DELETE_MEMBER Ident V1.0-001 Inserted 24-OCT-1989 17:43:23 1 symbol
OAN$DELETE_NOTE  Ident V1.0-006         Inserted 24-OCT-1989 17:43:23 1
    symbol
OAN$ENTRY_DSAB   Ident V1.00-008/A      Inserted 24-OCT-1989 17:43:24 2
    symbols
OAN$EXIT         Ident V1.0-003/A       Inserted 24-OCT-1989 17:43:24 1
    symbol
OAN$EXTRACT      Ident 01               Inserted 24-OCT-1989 17:43:24 1
    symbol
OAN$GLOBALS      Ident V1.0-011/A       Inserted 24-OCT-1989 17:43:24 106
    symbols
OAN$INITIALIZE   Ident V1.0-010/C       Inserted 24-OCT-1989 17:43:26 1
    symbol
OAN$ITEM_LIST    Ident V1.0-002/A       Inserted 24-OCT-1989 17:43:26 5
    symbols
OAN$KEYWORD_DSAB Ident V1.00-008/A Inserted 24-OCT-1989 17:43:26 2 symbols
OAN$MAIN         Ident V1.0-019/A       Inserted 24-OCT-1989 17:43:26 1
    symbol
OAN$MARKER_DSAB  Ident V1.00-004/A      Inserted 24-OCT-1989 17:43:27 2
    symbols
OAN$MEMBER_DSAB  Ident V1.00-007/A      Inserted 24-OCT-1989 17:43:27 2
symbols)
OAN$MODIFY_CONFERENCE Ident V1.0-004 Inserted 24-OCT-1989 17:43:27 1 symbol
OAN$MODIFY_ENTRY Ident V1.0-002 Inserted 24-OCT-1989 17:43:28 1 symbol
OAN$MODIFY_KEYWORD Ident V1.0-001 Inserted 24-OCT-1989 17:43:28 1 symbol
```

```
OAN$MODIFY_MARKER Ident V1.0-001 Inserted 24-OCT-1989 17:43:28 1 symbol
OAN$MODIFY_MEMBER Ident V1.0-004 Inserted 24-OCT-1989 17:43:28 1 symbol
OAN$MODIFY_NOTE  Ident V1.0-004         Inserted 24-OCT-1989 17:43:29 1
    symbol
OAN$MODIFY_PROFILE Ident V1.0-003 Inserted 24-OCT-1989 17:43:29 1 symbol
OAN$NOTES_CALLS  Ident V1.0-005/A       Inserted 24-OCT-1989 17:43:29 49
    symbols
OAN$NOTES_CODES  Ident 01               Inserted 24-OCT-1989 17:43:30 0
    symbols
OAN$NOTES_DECLARATIONS Ident 01 Inserted 24-OCT-1989 17:43:30 0 symbols
OAN$NOTE_DSAB    Ident V1.00-015/B      Inserted 24-OCT-1989 17:43:30 2
    symbols
OAN$OPEN         Ident V1.0-019/A       Inserted 24-OCT-1989 17:43:31 1
    symbol
OAN$SELECT       Ident V1.0-022/A       Inserted 24-OCT-1989 17:43:31 1
    symbol
OAN$SET_MODERATOR Ident V1.0-001 Inserted 24-OCT-1989 17:43:31 1 symbol
OAN$SET_SEEN     Ident V1.0-008         Inserted 24-OCT-1989 17:43:31 1
    symbol
OAN$STACK        Ident V1.0-004/A       Inserted 24-OCT-1989 17:43:32 6
    symbols
OAN$TEXT_DSAB    Ident V1.00-009/D      Inserted 24-OCT-1989 17:43:32 1
    symbol
OAN$TRANSLATION  Ident V1.0-002/A       Inserted 24-OCT-1989 17:43:32 1
    symbol
OAN$UPDATE       Ident V1.0-008         Inserted 24-OCT-1989 17:43:33 1
    symbol
OAN$USERNAME     Ident V1.0-001/A       Inserted 24-OCT-1989 17:43:33 1
    symbol
OAN$WRITE        Ident V1.0-005         Inserted 24-OCT-1989 17:43:33 1
    symbol

%OAN-I-IVPALLBLD,  All ALL-IN-1 Group Conferencing DCL build files located.
%OAN-I-IVPENDBLD,  End check for ALL-IN-1 Group Conferencing build files.

    Check that the Group Conferencing functions in ALL-IN-1
    Group Conferencing work.

    This IVP does not test all of the available functions.  It performs
    a number of functions the success of which is deemed to confirm the
    correct inclusion of the ALL-IN-1 Group Conferencing interface
    with ALL-IN-1.

    The IVP involves an exercise that will perform these functions

        1.  NOTES INITITIALIZE OAN$IVP_NOTEBOOK.NOTE

            This will create a notebook OAN$IVP_NOTEBOOK.NOTE in the user's
            ALL-IN-1 default directory.

        2.  NOTES CREATE_CONFERENCE OAN$IVP_CONFERENCE.NOTE ...

            This will create a conference OAN$IVP_CONFERENCE.NOTE in the
    user's
            ALL-IN-1 default directory.

        3.  NOTES ADD_ENTRY OAN$IVP_CONFERENCE.NOTE ...
```

```
    This will add the new conference to the new notebook.

4.  NOTES OPEN ...

    Opens the new conference

5.  NOTES SET_MODERATOR OA$Y

    Sets the IVP user as the moderator of the conference.

6.  NOTES ADD_MEMBER ...

    Adds a new member to the conference.

7.  NOTES CLOSE

    Closes the conference.

8.  NOTES DELETE_ENTRY

    Removes the IVP test conference from the notebook.
    The notes conference OAN$IVP_CONFERENCE.NOTE file is deleted.

9.  NOTES EXIT

    Exits from the ALL-IN-1 Group Conferencing function.
    The notes conference OAN$IVP_NOTEBOOK.NOTE file is deleted.
```

```
%OAN-I-IVPSTRTFUN,  Start of ALL-IN-1 Group Conferencing availability test.

%OAN-I-IVPSTRTA1,  ALL-IN-1 started.
%OAN-I-IVPOPENNOTE,  IVP notebook opened.
%OAN-I-IVPCONCRE,  IVP conference created.
%OAN-I-IVPADDENT,  IVP conference added to IVP notebook.
%OAN-I-IVPCONOPE,  IVP conference opened.
%OAN-I-IVPADDMEM,  New member added to IVP conference.
%OAN-I-IVPCONCLO,  IVP conference closed.
%OAN-I-IVPDELENT,  IVP conference deleted from IVP notebook.
%OAN-I-IVPDELCON,  IVP conference file deleted from system.
%OAN-I-IVPNOTEX,  IVP ALL-IN-1 Group Conferencing exited.
%OAN-I-IVPDELNOTE,  IVP notebook file deleted from system.


        IVP finished using ALL-IN-1 at 8-Dec-1989 11:51pm

%OAN-I-IVPSTRTFUN,  End of ALL-IN-1 Group Conferencing availability test.

%OAN-I-IVPSUCCESS,  ALL-IN-1 Group Conferencing V2.4 IVP
                    was successful.
        Installation of OAN V2.4 completed at 11:51

Enter the products to be processed from the next distribution volume set.
* Products:  EXIT

        VMSINSTAL procedure done at 11:52
```

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