

OpenVMS Migration Software for VAX to Alpha Systems

(formerly DECmigrate)

Installation Guide

June 2002

This document contains instructions for installing the OpenVMS Migration Software for VAX to Alpha Systems.

Revision/Update Information:	This is a new manual.
Operating System and Version:	OpenVMS Alpha Version 6.2 or higher
Software Version:	OpenVMS Migration Software for VAX to Alpha Systems 1.2

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Preface

This OpenVMS Migration Software for VAX to Alpha Systems installation Guide describes how to install the software on an OpenVMS AXP system.

This guide is intended for system managers who plan to install the OpenVMS Migration Software for VAX to Alpha Systems.

In this guide, wherever the term DECmigrate (a predecessor of this product) is still used, it refers to the OpenVMS Migration Software for VAX to Alpha Systems product.

Keep this document with your distribution kit. You will need it to install maintenance updates or to reinstall the OpenVMS Migration Software for VAX to Alpha Systems for other reasons.

Document Structure

This guide contains one chapter and one appendix:

Chapter 1 describes how to install the OpenVMS Migration Software for VAX to Alpha Systems.

Appendix A describes the OpenVMS Migration Software for VAX to Alpha Systems files installed on your system and the logical names that are defined.

Conventions

The following conventions are used in this manual:

Ctrl/x

A sequence such as Ctrl/x indicates that you must hold down the key labeled Ctrl while you press another key or a pointing device button. PF1 x or GOLD x

A sequence such as PF1 x or GOLD x indicates that you must first press and release the key labeled PF1 or GOLD and then press and release another key or a pointing device button. GOLD key sequences can also have a slash (/), dash (-), or underscore (_) as a delimiter in EVE commands.

<Return>

In examples, a key name enclosed in a box indicates that you press a key on the keyboard. (In text, a key name is not enclosed in a box.)

..

Horizontal ellipsis points in examples indicate one of the following possibilities:

Additional optional arguments in a statement have been omitted.

The preceding item or items can be repeated one or more times.

Additional parameters, values, or other information can be entered.

.
. .
.

Vertical ellipsis points indicate the omission of items from a code example or command format; the items are omitted because they are not important to the topic being discussed.

()

In command format descriptions, parentheses indicate that, if you choose more than one option, you must enclose the choices in parentheses.

[]

In command format descriptions, brackets indicate optional elements. You can choose one, none, or all of the options. (Brackets are not optional, however, in the syntax of a directory name in an OpenVMS file specification or in the syntax of a substring specification in an assignment statement.)

{ }

In command format descriptions, braces indicate a required choice of options; you must choose one of the options listed.

boldface text

Boldface text represents the introduction of a new term or the name of an argument, an attribute, or a reason.

italic text

Italic text indicates important information, complete titles of manuals, or variables. Variables include information that varies in system output (Internal error number), in command lines (/PRODUCER=name), and in command parameters in text (where device-name contains up to five **alphanumeric characters**).

UPPERCASE TEXT

Uppercase text indicates a command, the name of a routine, the name of a file, the name of a node, the name of a user account, or the abbreviation for a system privilege.

Monospace type

Monospace type indicates command examples and interactive screen displays. In the C programming language, monospace type in text identifies the following elements: keywords, the names of independently compiled external functions and files, syntax summaries, and references to variables or identifiers introduced in an example.

■

A hyphen at the end of a command format description, command line, or code line indicates that the command or statement continues on the following line. Numbers

All numbers in text are assumed to be decimal unless otherwise noted. Nondecimal radices - binary, octal, or hexadecimal - are explicitly indicated.

1. Installing the OpenVMS Migration Software for VAX to Alpha Systems

The The OpenVMS Migration Software for VAX to Alpha Systems layered product uses the POLYCENTER Software Installation procedure.

1.1. Requirements

Before you start the procedure, ensure that you meet the following installation requirements:

- Operating system - OpenVMS Alpha Version 6.2 or higher
- Disk space - 13000 blocks. For complete information about hardware and software requirements, see the SPD.

1.2. Before You Run the Installation Procedure

Before you start the installation, complete the following pre-installation tasks

1.2.1. De-Installing Previous Versions

Compaq recommends that you de-install previous versions of DECmigrate before you install the OpenVMS Migration Software for VAX to Alpha Systems. See Section 1.5 for de-installation information.

2. Installing the OpenVMS Migration Software for VAX to Alpha Systems

The POLYCENTER Software Installation procedure automatically calls the Installation Verification Procedure (IVP). The IVP might display these messages during the installation procedure:

```
% Verification of installation starting
```

Displayed when IVP is run.

```
% Successful verification of installation
```

Displayed when the IVP is run without any errors.

1.3. Disk onto which you install

Compaq strongly suggests that you install the software onto the system disk SYSS\$COMMON:. If you use a different device, neither the IVP nor the OpenVMS Migration Software for VAX to Alpha Systems can run until you complete these additional steps:

- Edit the IVP.
- Edit the OpenVMS Migration Software for VAX to Alpha Systems Software startup procedure.
- Edit your system startup procedure.
- Modify other associated files and utilities.

1.3.1. Installation Procedure

To start the procedure, follow these steps:

1. Log in to the SYSTEM account.
2. Refer to the Software Product Library Master Index for the correct CD number and directory name for the OpenVMS Migration Software for VAX to Alpha Systems. Insert the CD into the drive.
3. Mount the CD using the volume label of the CD containing the OpenVMS Migration Software for VAX to Alpha System. Instructions on how to mount the CD are contained in the Software Product Library Getting Started document. Additional information on mounting the discs is contained in the [README] directory on disc 1.
4. The following example assumes that SPRING is your system's name and DKA400 is the name of the device onto which you are mounting the compact disc medium.

```
$ MOUNT /SYSTEM DKA400: volume-label %MOUNT-I-WRITELOCK, volume is
write locked
```

```
%MOUNT-I-MOUNTED, volume-label mounted on _SPRING$DKA400:
```

5. Check the directory of the CD. Enter the DIRECTORY command and specify the installation device, for example:

```
$ DIRECTORY DKA400:[OMSV_0102.]
Directory DKA400:[OMSV_0102]
DOCUMENTATION.DIR;1
KIT.DIR;1
Total of 2 files.
Directory DKA400:[OMSV_0102.DOCUMENTATION]
OMSV_012.RELEASE_NOTES
OMSV_012_IG.TXT;1
Total of 4 files.
Directory DKA400:[OMSV_0102.KIT]
CPQ-AXPVMS-OMSV-V0102--1.PCSI;1
Total of 2 files.
Grand total of 3 directories, 9 files.
```

6. Finish reading the Release Notes, if you have not already done so. To read them on-line, enter the TYPE command, as follows:

```
$ TYPE /PAGE DKA400:[OMSV_0102.DOCUMENTATION] -
_$ OMSV_012.RELEASE_NOTES
```

7. To print a PostScript file, enter the PRINT command. The following example prints the Release Notes, mounted on DKA400:, to print queue PRINTER_7:

```
$ PRINT /QUEUE=PRINTER_7 -
_$ DKA400:[OMSV_0102.DOCUMENTATION] -
_$ OMSV_012.RELEASE_NOTES
```

8. Run the installation procedure. For example, if the CD is mounted on device DKA400:, enter:

```
$ PRODUCT INSTALL OMSV /SOURCE=DKA400:[OMSV_0102.KIT]
```

If you omit the /SOURCE qualifier, the POLYCENTER Software Installation procedure searches in the location defined by the logical name PCSI\$SOURCE.

If you omit both /SOURCE and PCSI\$SOURCE, the procedure installing the OpenVMS Migration Software for VAX to Alpha Systems searches your current default directory for the OpenVMS Migration Software for VAX to Alpha Systems kit.

In the following example, the command installs the software from the CD-ROM with device name DKA400: onto an OpenVMS Alpha system.

```
$ PRODUCT INSTALL /SOURCE=DKA400:[OMSV_0102.KIT]
```

The following product has been selected:

```
CPQ AXPVMS OMSVA V1.2          Layered Product
```

Do you want to continue? [YES]

Configuration phase starting ...

You will be asked to choose options, if any, for each selected product and for any products that may be installed to satisfy software dependency requirements.

CPQ AXPVMS OMSVA V1.2: OpenVMS Migration Software for VAX to Alpha Systems

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* This product does not have any configuration options.

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If you accept this terms then continue installation.

Do you want to continue? [YES]

Execution phase starting ...

The following product will be installed to destination:

```
CPQ AXPVMS OMSVA V1.2          DISK$ALPHASYS:[VMS$COMMON.]
```

Portion done: 0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%

The following product has been installed:

```
CPQ AXPVMS OMSVA V1.2          Layered Product
```

%PCSI-I-IVPEXECUTE, executing test procedure for CPQ AXPVMS OMSVA V1.2 ...

%PCSI-I-IVPSUCCESS, test procedure completed successfully

CPQ AXPVMS OMSVA V1.2: OpenVMS Migration Software for VAX to Alpha Systems

Release notes for OMSVA available in directory SYS\$HELP

Insert the following lines in SYS\$MANAGER:SYSTARTUP_VMS.COM:

```
@sys$startup:vest$startup.com
```

Note: Upgrading OpenVMS requires product reinstallation

1. Refer to SYS\$HELP:OMSV_012.RELEASE_NOTES for more information.
2. To see a list of the files installed, issue the following command:

```
PRODUCT LIST OMSVA/SOURCE=[pcsi kit location]
```

1.4. After You Run the Installation Procedure

When the installation is finished, before you run the OpenVMS Migration Software for VAX to Alpha Systems software, follow these post- installation steps:

1. Edit the system startup procedure:

```
SYS$STARTUP:SYSTARTUP_VMS.COM.
```

Add the following line:

```
$ @SYS$SYSROOT:[SYS$STARTUP] VEST$STARTUP.COM
```

As part of installation, PCSI runs the OpenVMS Migration Software for VAX to Alpha Systems startup procedure. However, VEST\$STARTUP.COM also needs to be run upon each reboot. Adding this instruction to your system startup procedure ensures that VEST\$STARTUP.COM runs whenever your system reboots.

2. Log out and then log in again.

After installation, you can access the OpenVMS Migration Software for VAX to Alpha Systems Release Notes, even if you dismounted the distribution medium, or if you deleted a copy of the Release Notes from the OpenVMS Migration Software for VAX to Alpha Systems Software directory. Use the PRODUCT EXTRACT RELEASE_NOTES command to copy the document from the installed kit to a file. The default file name is DEFAULT.PCSI\$RELEASE_NOTES, in your current directory.

To specify a different name for the file, use the /FILE qualifier. Follow these steps:

1. Ensure that one of the following is true:
 - The logical name PCSI\$SOURCE is defined to point to the directory containing the .PCSI files.
 - The directory containing the .PCSI files is your default directory.
2. Enter the PRODUCT EXTRACT RELEASE_NOTES command. For example:

```
$ PRODUCT EXTRACT RELEASE_NOTES -  
_ $ OMSVA/VERSION=1.2 -  
_ $ /FILE=[OMSV_0102] RELEASE_NOTES.TXT
```

1.5. De-Installing

To de-install the OpenVMS Migration Software for VAX to Alpha Systems files, use the PRODUCT REMOVE command:

```
$ PRODUCT REMOVE OMSVA
```

The following product has been selected:

CPQ AXPVMS OMSVA V1.2	Layered Product
-----------------------	-----------------

Do you want to continue? [YES]

The following product will be removed from destination:

CPQ AXPVMS OMSVA V1.2	DISK\$ALPHASYS:[VMS\$COMMON.]
-----------------------	-------------------------------

Portion done: 0%...20%...30%...40%...50%...60%...70%...80%...90%...100%

The following product has been removed:

CPQ AXPVMS OMSVA V1.2	Layered Product
-----------------------	-----------------