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Read Before Installing or Using Digital DCE for OpenVMS VAX and OpenVMS Alpha Version 1.3B (MUPB)

AV–QMC5B–TE

	Alpha Systems	VAX Systems
Kit Name	DCEAXPMUPB013	DCEVAXMUPB013
Old Product	Digital DCE for OpenVMS Alpha V1.3A	Digital DCE for OpenVMS VAX V1.3A
New Product	Digital DCE for OpenVMS Alpha V1.3B	Digital DCE for OpenVMS VAX V1.3B
Approximate Block Size	48,000	36,000

Version 1.3B Mandatory Update (MUPB) Description

Version 1.3B of Digital DCE for OpenVMS VAX and OpenVMS Alpha is a mandatory update that replaces Digital DCE for OpenVMS VAX and OpenVMS Alpha Version 1.3A. *Version 1.3B is a complete kit that does not require a previous version of Digital DCE for OpenVMS for installation.* Version 1.3B can be installed in a new system or can be installed as an update to a previous version of DCE for OpenVMS. Refer to the *Digital DCE for OpenVMS VAX and OpenVMS Alpha Release Notes* for information about this release.

Digital DCE for OpenVMS VAX and OpenVMS Alpha V1.3B is functionally equivalent to Digital DCE for OpenVMS VAX and OpenVMS Alpha V1.3A.

The following problems are fixed in Digital DCE for OpenVMS V1.3B:

- DCE$CDSCLERK, DCE$CDSD, and DCE$CDSADVER processes terminated with an ACCVIO when processing errors (such as network errors).
- DCE daemons terminated because of a lack of resources.
- DCE daemons hung in HIB state with an outstanding user mode AST pending.
- DTS time conversion routines were not thread safe.
- DCE for OpenVMS systems were unable to participate in cells with other DCE systems based on OSF DCE R1.1.
- An OpenVMS DCE client could not be configured into an Alpha NT security server.
- DCE$SECD process hung on multiprocessor systems.
- DCE startup failures occurred when running on systems running DECnet/OSI with a cluster alias defined.

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- Synchronization problems occurred when using the UDP protocol on multiprocesor systems.
- DCE daemons failed to reach steady state on multiprocessor systems.

All existing Version 1.3 documentation can be used with Version 1.3B with the following exceptions:

- References to the installation directories [DCEVAX013] and [DCEAXP013] should be changed to [DCEVAXMUPB013] and [DCEAXPMUPB013].
- References to the installation saveset names DCEVAX013 and DCEAXP013 should be changed to DCEVAXMUPB013 and DCEAXPMUPB013.

License Information

If you are installing the Digital DCE for OpenVMS Run Time Services Kit, you do not need a separate license. The right to use the Run Time Services Kit is included as part of the OpenVMS operating license.

However, if you are installing the Digital DCE for OpenVMS Application Developer's Kit, CDS Server Kit, or Security Server Kit, you must first register a License Product Authorization Key (License PAK) using the License Management Facility (LMF). The License PAK may be shipped along with the kit if you ordered the license and media together; otherwise, it is shipped separately to a location based on your license order. If you are installing Digital DCE for OpenVMS as an update on a node or cluster already licensed for this software, you have already completed the License PAK registration requirements. See the *OpenVMS License Management Utility Manual* for registration instructions.

Installation Information on OpenVMS VAX

Installing Version 1.3B of Digital DCE for OpenVMS VAX requires OpenVMS VAX Version 5.5-2 or higher.

If you are installing on OpenVMS VAX Version 6.0 or lower, you must install a special kit, the DEC C/C++ Run Time Components Kit, AACRT060.A (which is shipped as part of Digital DCE for OpenVMS VAX), before you can install Digital DCE for OpenVMS VAX Version 1.3B.

If you are installing on OpenVMS VAX Version 6.1 or higher, you do not need to preinstall this special kit.

Installation Information on OpenVMS Alpha

Installing Version 1.3B of Digital DCE for OpenVMS Alpha requires OpenVMS Alpha Version 1.5 or higher.

If you are installing on OpenVMS Alpha Version 1.5, you must also install a special kit, DCEPRE013.A (which is shipped as part of Digital DCE for OpenVMS Alpha), before you can install Digital DCE for OpenVMS Alpha Version 1.3B.

If you are installing on OpenVMS Alpha Version 6.1 or higher, you do not need to preinstall this special kit.

Release Notes Information

The release notes for Digital DCE for OpenVMS Version 1.3B contain important installation-related instructions and a summary of technical changes, new features, differences, known problems, corrected errors, restrictions, and incompatibilities. **Note:** The release notes contain important information about system and process parameters and quotas. These parameters and quotas may require adjustments depending on the number of DCE users.

After you install Digital DCE for OpenVMS, you can find the release notes in:

```
SYS$HELP:DCE013B.RELEASE_NOTES
```

You can find the release notes for the Resource Broker in:

```
SYS$HELP:RB011.RELEASE_NOTES
```

Contents of This Kit

- **Bill of Materials (BOM)**

  Please read the BOM enclosed in this kit and check to see that all items listed are actually in your kit. If your kit is damaged or any items are missing, call your Digital representative.

- **Media**

  If you ordered media, you will find the media in this kit. Consult the *Digital DCE for OpenVMS VAX and OpenVMS Alpha Installation and Configuration Guide* for information about installing Digital DCE for OpenVMS on your system.

- **Documentation**

  This kit includes the following Digital DCE for OpenVMS hardcopy documentation:

  Read Before Installing or Using Digital DCE for OpenVMS VAX and OpenVMS Alpha
  Digital DCE for OpenVMS VAX and OpenVMS Alpha Installation and Configuration Guide
  Digital DCE for OpenVMS VAX and OpenVMS Alpha Product Guide
  Digital DCE for OpenVMS VAX and OpenVMS Alpha Reference Guide
  Guide to the Resource Broker
  DEC C/C++ Run-Time Components Installation and Reference Guide for OpenVMS VAX
  Understanding DCE (O'Reilly and Associates)
  Guide to Writing DCE Applications (O'Reilly and Associates)
  Distributing Applications Across DCE and Windows NT (O'Reilly and Associates)
  Introduction to OSF DCE (Prentice-Hall)
  OSF DCE User's Guide and Reference (Prentice-Hall)
  OSF DCE Administration Guide—Introduction (Prentice-Hall)
  OSF DCE Administration Guide—Core Components (Prentice-Hall)
  OSF DCE Administration Guide—Extended Services (Prentice-Hall)
  OSF DCE Administration Reference (Prentice-Hall)
  OSF DCE Application Development Guide (Prentice-Hall)
  OSF DCE Application Development Reference (Prentice-Hall)

  Note that you need the *DEC C/C++ Run-Time Components Installation and Reference Guide* only for certain OpenVMS VAX systems. You can ignore this guide if you are installing on an OpenVMS Alpha system or on OpenVMS VAX Version 6.1 or higher.

- **Software Product Description (SPD)**

  The SPD provides an overview of the Digital DCE for OpenVMS kit and its features.

- **Software Performance Report (SPR)**

  Use this form to report any problems with Digital DCE for OpenVMS, provided you have purchased warranty services.

Contents of the CD

Table 1 lists the root directories on the CD for Digital DCE for OpenVMS VAX and OpenVMS Alpha Version 1.3B.

Table 1: Directories on the CD for Digital DCE for OpenVMS

[000000] Contents	
Contains software for Digital DCE for OpenVMS AXP	DCEAXPMUPB013.DIR
Contains software for Digital DCE for OpenVMS VAX	DCEVAXMUPB013.DIR
Contains the Read Before Installing letter and the CD guide. You should read these two documents first	README.DIR
Contains Bookreader manuals	DECW$BOOK.DIR
Contains printable installation guides, release notes, and the SPD	DOCUMENTATION.DIR

Table 2 lists the contents of [DCEAXPMUPB013], the directory for the Digital DCE for OpenVMS Alpha software.

Table 2: Software for Digital DCE for OpenVMS Alpha

[DCEAXPMUPB013] Saveset	File Name
Special Alpha AXP PreInstallation Kit	DCEPRE013.A
Saveset A	DCEAXPMUPB013.A
Saveset B	DCEAXPMUPB013.B
Saveset C	DCEAXPMUPB013.C
Saveset D	DCEAXPMUPB013.D
Saveset E	DCEAXPMUPB013.E

Table 3 lists the contents of [DCEVAXMUPB013], the directory for the Digital DCE for OpenVMS VAX software.

Table 3: Software for Digital DCE for OpenVMS VAX

[DCEVAXMUPB013] Saveset	File Name
DEC C/C++ Run Time PreInstallation Kit	AACRT060.A
Saveset A	DCEVAXMUPB013.A
Saveset B	DCEVAXMUPB013.B
Saveset C	DCEVAXMUPB013.C
Saveset D	DCEVAXMUPB013.D
Saveset E	DCEVAXMUPB013.E

Table 4 lists the contents of [README], the directory containing the documents you should read right away.

Table 4: Read First Documentation

[README]

Document Name	File Name
Read Before Installing Digital DCE for OpenVMS VAX and OpenVMS Alpha—This document	DCE_READFIRST.TXT (and .PS)
Digital DCE for OpenVMS VAX and OpenVMS Alpha Compact Disc User's Guide	DCE_CD_GUIDE.TXT (and .PS)

Table 5 lists the contents of [DECW$BOOK], the directory for the Digital DCE Bookreader documentation.

For more information on reading books on the CD, see the *Digital DCE for OpenVMS VAX and OpenVMS Alpha Compact Disc User's Guide*.

Table 5: Bookreader Documentation for Digital DCE

[DECW$BOOK]

Document Name	File Name
Bookshelf for this library	LIBRARY.DECW$BOOKSHELF
Digital DCE for OpenVMS VAX and OpenVMS Alpha Product Guide	DCE_PROD_GDE.DECW$BOOK
Digital DCE for OpenVMS VAX and OpenVMS Alpha Reference Guide	DCE_REF_GDE.DECW$BOOK
Digital DCE for OpenVMS VAX and OpenVMS Alpha Installation and Configuration Guide	DCE_INSTALL_CONFIG_GDE.DECW$BOOK
Guide to the Resource Broker	RESOURCE.DECW$BOOK
Introduction to OSF DCE	INTRO.DECW$BOOK
OSF DCE User's Guide and Reference	USERS_GDREF.DECW$BOOK
OSF DCE Administration Guide— Introduction	BOOKINTRO.DECW$BOOK
OSF DCE Administration Guide—Core Components	BOOKCORE.DECW$BOOK
OSF DCE Administration Guide—Extended Services	BOOKEXTENDED.DECW$BOOK
OSF DCE Administration Reference	ADMIN_REF.DECW$BOOK
OSF DCE Application Development Guide	APP_GD.DECW$BOOK
OSF DCE Application Development Reference	APP_REF.DECW$BOOK

Table 6 lists the contents of [DOCUMENTATION], the directory containing Digital DCE for OpenVMS printable documentation.

Table 6: Printable Documentation for Digital DCE

[DOCUMENTATION]	
Document Name	File Name
Digital DCE for OpenVMS VAX and OpenVMS Alpha Installation and Configuration Guide	DCE_INSTALL_CONFIG_GDE.TXT (and .PS)
Digital DCE for OpenVMS VAX and OpenVMS Alpha Release Notes	DCE_RELEASE_NOTES.TXT (and .PS)
Resource Broker Release Notes	RB_RELEASE_NOTES.TXT (and .PS)
DEC C/C++ Run Time Components for OpenVMS VAX Reference and Installation Guide	CRT060_REF_INST.TXT (and .PS)
DEC C/C++ Run Time Components for OpenVMS VAX Release Notes	CRT060_RELEASE_NOTES.TXT (and .PS)
Digital DCE for OpenVMS Software Product Description (SPD)	OPENVMS_DCE_SPD.TXT (and .PS)

A Final Note

Digital prides itself on responding to customer needs. In order to continue serving you, we need your comments. Each manual contains preaddressed, postage-paid Reader's Comments forms at the back. If you find errors in a manual or want to make comments about it, please fill out one of these forms and send it to us.

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This MUP has not been through an exhaustive field test process. Due to the experimental stage of this MUP, Digital makes no representations regarding its use or performance. The customer shall have the sole responsibility for adequate protection and backup data used in conjunction with this MUP.