

Guide to HP OpenVMS Version 8.4 Media

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Preface

Overview

This guide contains information about the OpenVMS Version 8.4 kit and how to access OpenVMS documentation on the documentation CD.

Document Structure

Chapter 1 lists the contents of the OpenVMS Version 8.4 media packages for Alpha and Integrity server systems. It also includes pointers to the OpenVMS installation guide and to general information about the OpenVMS binary and Alpha Systems Firmware CDs.

Chapter 2 describes the OpenVMS Documentation CD provided for Version 8.4. This chapter also includes information about accessing and reading books from the CD.

Related Documents

For additional information about OpenVMS products and services, see the OpenVMS website: <http://www.hp.com/go/openvms>

For detailed information about installation procedures and Version 8.4 changes and enhancements, see the following documents:

- *HP OpenVMS Version 8.4 Upgrade and Installation Manual*
- *HP OpenVMS Version 8.4 Release Notes*
- *HP OpenVMS Version 8.4 New Features and Documentation Overview*
- *Cover Letter for HP OpenVMS Version 8.4*

Reader's Comments

HP welcomes your comments on this manual.

Please send comments to the following email address:

openvmsdoc@hp.com

How to Order Additional Documentation

For information about how to order additional documentation, see the OpenVMS Documentation website:

<http://www.hp.com/go/openvms/doc/order>

Conventions

The following conventions may be used in this manual:

Convention	Meaning
Ctrl/ <i>x</i>	A sequence such as Ctrl/ <i>x</i> indicates that you must hold down the key labeled Ctrl while you press another key or a pointing device button.
PF1 <i>x</i>	A sequence such as PF1 <i>x</i> indicates that you must first press and release the key labeled PF1 and then press and release another key (<i>x</i>) or a pointing device button.
Return	In examples, a key name in bold indicates that you press that key.
...	A horizontal ellipsis in examples indicates 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.

Convention	Meaning
.	A vertical ellipsis indicates 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 you must enclose choices in parentheses if you specify more than one.
[]	In command format descriptions, brackets indicate optional choices. You can choose one or more items or no items. Do not type the brackets on the command line. However, you must include the brackets in the syntax for OpenVMS directory specifications and for a substring specification in an assignment statement.
⊙	In command format descriptions, vertical bars separate choices within brackets or braces. Within brackets, the choices are optional; within braces, at least one choice is required. Do not type the vertical bars on the command line.
{ }	In command format descriptions, braces indicate required choices; you must choose at least one of the items listed. Do not type the braces on the command line.
bold type	Bold type represents the introduction of a new term. It also represents the name of an argument, an attribute, or a reason.
<i>italic type</i>	Italic type indicates important information, complete titles of manuals, or variables. Variables include information that varies in system output (Internal error <i>number</i>), in command lines (/PRODUCER= <i>name</i>), and in command parameters in text (where <i>dd</i> represents the predefined par code for the device type).
UPPERCASE TYPE	Uppercase type indicates a command, the name of a routine, the name of a file, or the abbreviation for a system privilege.
Example	This typeface indicates code examples, command examples, and interactive screen displays. In text, this type also identifies URLs, UNIX commands and pathnames, PC-based commands and folders, and certain elements of the C programming language.
–	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 Overview

This chapter contains information about the OpenVMS Version 8.4 media kits, including:

- Contents of the media kits
- Pointers to installation information, release notes, and new features for the OpenVMS operating system
- Directory structure of the OpenVMS Version 8.4 for Integrity Servers Operating Environment DVD
- Directory structure of the OpenVMS Alpha Version 8.4 Operating System CD
- Locations of layered products included on the CDs
- OpenVMS Open Source Tools CD, containing OpenVMS ports of various Open Source projects not included elsewhere in the OpenVMS kit (same CD for Alpha and Integrity servers)
- Product licensing

OpenVMS for Integrity Servers Media Kit Contents

The OpenVMS for Integrity servers media kit contains the following:

- HP OpenVMS Version 8.4 for Integrity Servers Operating Environment DVD
- OpenVMS Open Source Tools Version 4.0 CD
- OpenVMS Version 8.4 Documentation CD
- Cover Letter for HP OpenVMS Version 8.4
- HP OpenVMS Version 8.4 New Features and Documentation Overview
- HP OpenVMS Version 8.4 Release Notes
- HP OpenVMS Version 8.4 Upgrade and Installation Manual
- HP OpenVMS License Management Utility Manual
- This guide

If you receive this kit as part of the Quarterly Update, other components might be included. For more information, see “Layered Products and Operating Environment Updates” (page 7).

Layered Products and Operating Environment Updates

The following items might be included in the OpenVMS for Integrity servers media kit:

- Operating Environment update media
- Online Documentation Library media
- Layered Products Library media
- Getting Started Layered Products Library and Operating Environment Update for OpenVMS for Integrity Servers

The three pieces of media update every quarter, and you will receive the latest version in the media kit.



NOTE: The Services Tools and associated web pages may contain new diagnosis software that is applicable to the system and should be reviewed for the most recent updates to the diagnosis tools.

The Services Tools for OpenVMS on Integrity Servers distribution contains analysis, diagnosis and remote support software, for example WEBES and ISEE, for use by HPs service engineers and HPs Authorized Service Provider service engineers.

The software and associated documentation for use on systems that have hardware warranty, a service contract, or service obligation is available at:

<http://h18023.www1.hp.com/support/svctools/>

NOTE: The OpenVMS Version 8.4 for Integrity servers media kit contains the latest online documentation CDs for the operating environments and the layered products. Upon each subsequent quarterly release, these CDs are replaced by the Online Documentation Library media for the operating environments and layered products.

OpenVMS Alpha Media Kit Contents

The OpenVMS Alpha Version 8.4 media kit includes the following:

- OpenVMS Alpha Version 8.4 Operating System CD
- OpenVMS Alpha Version 8.4 Layered Products CD
- OpenVMS Open Source Tools Version 4.0 CD
- OpenVMS Version 8.4 Documentation CD
- Cover Letter for HP OpenVMS Version 8.4
- HP OpenVMS Version 8.4 New Features and Documentation Overview
- HP OpenVMS Version 8.4 Release Notes
- HP OpenVMS Version 8.4 Upgrade and Installation Manual
- HP OpenVMS License Management Utility Manual
- This guide



NOTE: The Services Tools and associated web pages may contain new diagnosis software that is applicable to the system and should be reviewed for the most recent updates to the diagnosis tools.

The Services Tools for OpenVMS on Integrity Servers distribution contains analysis, diagnosis and remote support software, for example WEBES and ISEE, for use by HPs service engineers and HPs Authorized Service Provider service engineers.

The software and associated documentation for use on systems that have hardware warranty, a service contract, or service obligation is available at:

<http://h18023.www1.hp.com/support/svctools/>

OpenVMS for Integrity Servers Operating Environment

This section describes where the OpenVMS Version 8.4 for Integrity servers operating environment is located on the DVD and lists the names and locations on DVD of all the layered products that ship with the OpenVMS Version 8.4 for Integrity servers media kit.

To install the OpenVMS for Integrity servers operating environment, see the *HP OpenVMS Version 8.4 Upgrade and Installation Manual*. In addition, before you install the OpenVMS for Integrity servers operating environment, review the *HP OpenVMS Version 8.4 Release Notes* for problems, changes, and restrictions, and see the *HP OpenVMS Version 8.4 New Features and Documentation Overview* for enhancements and new features.

Directories on the OpenVMS for Integrity Servers Operating Environment DVD

The top-level directories, documentation directories, and OpenVMS documentation file names for OpenVMS Software Product Descriptions (SPDs) are listed in Table 1-2. See Chapter 2 for more information about documentation and the OpenVMS Version 8.4 Documentation CD.

Table 1-1 Directory Structure on the OpenVMS for Integrity Servers Operating Environment DVD

Directory	File Name/Contents
[000000]	Integrity servers 8.4 OS
[.AVAILMAN_I64031]	Availability Manager Version 3.1
[.VMSI18N_I64084]	C/C++ I18N
[.CDSA_I64024-322]	CDSA Version 2.4
[.CSWS_JAVA_I64031]	CSWS_JAVA Version 3.1
[.CSWS_PERL_I64021]	CSWS_PERL Version 2.1
[.CSWS_PHP_I64021]	CSWS_PHP Version 2.1
[.DCE_I64032]	DCE Version 3.2
[.DCPS_I64027]	DCPS Version 2.7
[.DECNET_PHASE_IV_I64084]	DECnet Phase IV Version 8.4
[.DECNET_PLUS_I64084]	DECnet-Plus Version 8.4
[.DECNET_PLUS_I64084]	DECnet OSAK, VT, FTAM Version 8.4
[.DISTNETBEANS_I64055]	Distributed NetBeans Version 5.5
[.DWMOTIF_I64017]	DECwindows Motif Version 1.7
[.ENTERPRISE_DIR_I64056]	Enterprise Directory Version 5.6
[.JAVA_I640155]	Java Version 1.5
[.KERBEROS_I64031]	Kerberos Version 3.1
[.LMF_BACKPORT]	LMF Backport kits
[.MGMTAGENTS_I64034]	Management Agents Version 3.4
[.NETBEANS_I64036]	NetBeans Version 3.6
[.OVPA_I64040]	OpenView Performance Agent Version 4.0
[.PERL_I640586]	Perl Version 5.8-6
[.PPU_I64080]	Pay per use Version 8.0
[RTR_I64052]	Reliable Transaction Router Version 5.2
[.SWB_I6401112]	Secure Web Browser Version 1.1-12
[.SWS_I640211]	Secure Web Server Version 2.1-1
[.SOAP_020]	SOAP Toolkit Version 2.0
[.SSL_I64014]	SSL Version 1.4
[.TCP/IP_I64057]	TCP/IP Services Version 5.7
[.TDC_I64023]	TDC (The Performance Data Collector) Version 2.3
[.TIMEZONE]	Time Zone ECOs
[.UDDI_010A]	UDDI4J Version 1.0A
[.WBEMCIM_I640296]	WBEMCIM Version 2.9-6

Table 1-1 Directory Structure on the OpenVMS for Integrity Servers Operating Environment DVD
(continued)

Directory	File Name/Contents
[.WSIT_I64030]	WSIT Version 3.0
[.XMLC_I640030]	XML-C Version 3.0
[.XMLJ_020]	XML_J Version 2.0
[.I64084.DOCUMENTATION]	Product documentation in .PS and .TXT formats
	OVMS_V84_INSTALL.[PS, TXT] OpenVMS Upgrade and Installation Manual
	OVMS_V84_REL_NOTES.[PS,TXT] OpenVMS Release Notes manual
	OVMS_V84_NEW_FEATURES.[PS,TXT] OpenVMS New Features and Documentation Overview manual
	V84_SPD.[PS,TXT] OpenVMS SPD
	OVMS_V84_OE_SPD.[PS,TXT] OpenVMS OE SPD
	CLUSTER_SPD.[PS,TXT] OpenVMS Cluster Software SPD
	DECram_SPD.[PS,TXT] DECram Software SPD
	RMS_SPD.[PS,TXT] RMS SPD
	VOLUME_SHADOWING_SPD.[PS,TXT] Volume Shadowing for OpenVMS SPD

OpenVMS Alpha Operating System and Layered Products

This section describes where the OpenVMS Alpha operating system is located on the CD and lists the names and locations of all the layered products that ship with the OpenVMS Alpha media kit. The layered products are located on several CDs.

The OpenVMS Alpha CD contains a bootable copy of the OpenVMS Alpha Version 8.4 operating system. When you boot the CD, it displays a menu from which you can install or upgrade the operating system using the POLYCENTER Software Installation utility. To install or upgrade the OpenVMS Alpha operating system, see the HP OpenVMS Version 8.4 Upgrade and Installation Manual. In addition, before you install the OpenVMS operating system, review the HP OpenVMS Version 8.4 Release Notes for problems, changes, and restrictions, and see the HP OpenVMS Version 8.4 New Features and Documentation Overview for enhancements and new features.

Directories on the OpenVMS Alpha Operating System CD

The top-level directories, documentation directories, and OpenVMS documentation file names for OpenVMS SPDs are listed in [Table 1-2](#). See the [Chapter 2](#) for more information about documentation and the OpenVMS Version 8.4 Documentation CD.

Table 1-2 Directory Structure on the OpenVMS Alpha Operating System CD

Directory	File Name/Contents
[000000]	Alpha operating system
[.CDSA_ALPHA024]	CDSA Version 2.4
[.DECNET_PHASE_IV_ALPHA084]	DECnet Phase IV Version 8.4
[.DECNET_PLUS_ALPHA084]	DECnet-Plus Version 8.4

Table 1-2 Directory Structure on the OpenVMS Alpha Operating System CD (continued)

Directory	File Name/Contents
[.DECNET_PLUS_ALPHA084]	DECnet OSAK, FTAM, VT Version 8.4
[.DWMOTIF_ALPHA016]	DECwindows Motif Version 1.6
[.KERBEROS_ALPHA031]	Kerberos Version 3.1
[.SSL_ALPHA014]	SSL Version 1.4
[.TCPIP_ALPHA057]	TCP/IP Services Version 5.7
[.TDC_ALPHA022]	TDC Version 2.2
[.ALPHA084.DOCUMENTATION]	Product documentation in .PS and .TXT formats
	OVMS_V84_INSTALL.[PS, TXT] OpenVMS Upgrade and Installation Manual
	OVMS_V84_REL_NOTES.[PS, TXT] OpenVMS Release Notes manual
	OVMS_V84_NEW_FEATURES.[PS, TXT] OpenVMS New Features and Documentation Overview manual
	V84_SPD.[PS, TXT] OpenVMS SPD
	CLUSTER_SPD.[PS, TXT] OpenVMS Cluster Software SPD
	DECRAM_SPD.[PS, TXT] DECram Software SPD
	VOLUME_SHADOWING_SPD.[PS, TXT] Volume Shadowing for OpenVMS SPD
	GALAXY_SPD.[PS, TXT] Galaxy SPD
	RMS_SPD.[PS, TXT] RMS SPD

System Integrated Products (SIPs) are included on the operating system CDs. RMS Journaling, Volume Shadowing for OpenVMS, and OpenVMS Cluster software are SIPs and are included as part of the software.

Layered Products

For Version 8.4, OpenVMS Alpha provides certain layered products on the OpenVMS Alpha Layered Products CD, as well as other layered products on the OpenVMS Alpha Operating System CD and on the OpenVMS Open Source Tools CD. This layered product offering may change for future versions. Updated versions of the layered products shipping with the operating system for Version 8.4 will be available on the quarterly Software Product Libraries for Alpha.

The binaries and documentation files for each layered product are located in separate directories on the CD. Each layered product directory is set up in the following format:

[<i>product</i>]	Product directory
[<i>product.kit</i>]	Product binary files
[<i>product.documentation</i>]	Product documentation (.PS and .TXT formats)

The following example shows the directory structure for the DECdfs Version 2.4B kit:

[DECDFS_ALPHA024B]	DECdfs Version 2.4B directory
[DECDFS_ALPHA024B.KIT]	Product binary files
[DECDFS_ALPHA024B.DOCUMENTATION]	Product documentation

Installation guides and release notes for the layered products are included in the [DOCUMENTATION] directories on the CD.

Table 1-3 lists the layered products that are included in the OpenVMS Alpha media kit, except for those already listed in Table 1-2. It shows the name of the layered product and its top-level directory name. For more information about the products on the OpenVMS Open Source Tools CD, see “Open Source Tools CD (Alpha and Integrity servers)” (page 12).

Table 1-3 OpenVMS Alpha Layered Products

Product	Directory
Availability Manager Version 3.1	[.AVAILMAN_ALPHA031]
C/C++ I18N Libraries	[.VMSI18N_ALPHA084]
DCPS Version 2.7	[.DCPS_027]
Debugger Client Version 1.1	[.DEBUG_CLIENTS011]
DECdfs Version 2.4B	[.DECDFS_024B]
Global Workload Manager (gWLM) Version 4.1	[.GWLM_ALPHA0411]
RAID Version 3.0A	[.RAID_030A]
Time Zone	[.TIMEZONE]

Firmware for HP Integrity Servers

HP Integrity servers include several firmware components (varying with system type), any of which might need updating. For the minimum versions required, refer to the HP OpenVMS Version 8.4 Release Notes. To update Integrity server firmware, follow the instructions provided in the *HP OpenVMS Version 8.4 Upgrade and Installation Manual*.

Open Source Tools CD (Alpha and Integrity servers)

The Open Source Tools CD is a collection of Open Source tools ported to OpenVMS by OpenVMS engineering. These tools are provided as free software under the terms of the GNU Lesser General Public License. You can redistribute them and modify them under the terms of the GNU Lesser General Public License as published by the Free Software Foundation Version 2.1 of the License.

HP distributes this library in the hope that it will be useful; however, HP provides NO WARRANTY, without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. For more details, see the GNU Lesser General Public License, which is located in the GNV kit directory on the Open Source Tools CD.

The Open Source Tools CD contains the following ports:

- GNV – an open source, GNU-based, UNIX environment for OpenVMS that provides UNIX application developers, system managers, and users a UNIX-style environment. This facilitates development and porting of UNIX software to OpenVMS. (GNU is a UNIX-like operating system that is free software.) GNV provides a UNIX-like shell (command-line interpreter) environment and a C Run-Time Library (CRTL) supplemental library to provide utilities typically found on UNIX systems. The shell used by GNV is bash (Bourne-Again SHell,

from GNU, using the POSIX.2 specification). The Open Source Tools CD contains two GNV kits: one for OpenVMS Alpha and one for OpenVMS for Integrity servers.

- IAS (Intel Itanium Assembler/Disassembler) – An OpenVMS Integrity servers port of the open source Itanium assembler available from Intel. It can be used to write low-level Itanium assembler code. A few additional features were added to the assembler to make it more usable on OpenVMS Integrity servers. Additional information about the new features and how to use the assembler is inside the kit.
- Stunnel – a program that allows you to encrypt arbitrary TCP connections inside an SSL (Secure Sockets Layer) connection from your OpenVMS system to another machine. Stunnel enables you to secure non-SSL aware applications (such as Telnet, IMAP, and LDAP) by providing the encryption and not requiring changes to the original application. Both images and source are provided.

The Open Source Tools CD also contains the following tools and products:

- SSL (Secure Sockets Layer) Sources – included as an optional layered product with OpenVMS Version 8.4. The CD provides the SSL Version 1.4 for OpenVMS port sources.
- CD-Record Sources – included as part of OpenVMS Version 8.4. The full source kit used to create the CD record images is provided within the operating system.
- GnuPG (GNU Privacy Guard) – GNU's tool for secure communication and data storage. It can be used to encrypt data and to create digital signatures. GnuPG includes an advanced key management facility. GnuPG is a complete and free replacement for PGP. Because it does not use the patented IDEA algorithm, it can be used without any restrictions. GnuPG is a RFC 2440 (OpenPGP) compliant application.
- CDSA (Common Data Security Architecture) Sources – included as part of OpenVMS Version 8.4. The CD provides the full source kit used to create CDSA for OpenVMS Version 2.4.
- Kerberos Sources – included as part of OpenVMS Version 8.4. The CD provides the full source kit used to create Kerberos for OpenVMS Version 3.1.
- GTK+ – an open source, free software library for creating graphical user interfaces.
- libIDL – the IDL compiling library, which is an open source, free software library used for creating trees of CORBA Interface Definition Language (IDL) files.
- Freeware tools tar and zip in the [.000TOOLS] directory

Table 1-4 lists the product names and directories on the Open Source Tools CD.

Table 1-4 Open Source Tools CD

Product	Directory
CD-Record Sources Version 1.10	[.CDRECORD_SOURCE]
CDSA Sources	[.CDSA_SOURCE]
Decompression (unzip) and other tools	[.000TOOLS]
GnuPG Version 1.24	[.GNUPG]
GNV for Integrity servers and Alpha Version 2.1-3	[.GNV_SOURCE]
GTK+	[.GTK]
IAS (Intel Assembler Source)	[.IAS]
Kerberos Version 3.1 Sources	[.KERBEROS_SOURCE]
libIDL	[.LIBIDL]
SSL Version 1.4 Sources	[.SSL_SOURCE]
Stunnel Version 3.26	[.STUNNEL]

Product Licensing

The software contained on the OpenVMS for Integrity servers media and on the OpenVMS Alpha CDs belongs to HP. Use of the software is authorized only if you have a valid software license from HP for each of the products.

A License Management Facility (LMF) Product Authorization Key (PAK) allows you to access a software product. A PAK must be registered and loaded before you can install the associated software from this CD. To obtain PAKs, contact your HP support representative or your authorized reseller.

System Integrated Products (SIPs) are included on the OpenVMS operating system media, with the requirement that you purchase separate licenses to enable them. You can purchase the related documentation separately.

The following products are SIPs:

- DECram
- DECnet Phase IV
- OpenVMS Cluster software
- OpenVMS Galaxy
- RMS Journaling
- Volume Shadowing for OpenVMS

Licensing for OpenVMS for Integrity servers differs from licensing for OpenVMS Alpha in that the OpenVMS operating system and certain layered products are provided in operating environments: the Base Operating Environment (BOE) and the High Availability Operating Environment (HA-OE). The HA-OE additionally offers the products included with the BOE like the following (they were formerly part of the EOE and are now part of the BOE):

- DECram
- OpenVMS Management Station

You can purchase the BOE license and licenses for additional layered products, or you can choose the HA-OE, depending on which layered products you want. For more information about the operating environments and their contents, see the *HP Operating Environments for OpenVMS for Integrity Servers SPD* (82.34.xx) at:

<http://h18000.www1.hp.com/info/XAV12Z/XAV12ZPF.PDF>

2 OpenVMS Documentation CD

This chapter contains information about the OpenVMS Version 8.4 Documentation CD, including its format, contents, structure, and how to access the files. The same OpenVMS Version 8.4 Documentation CD is included in both the OpenVMS Version 8.4 for Integrity servers media kit and in the OpenVMS Version 8.4 Alpha media kit.

Documentation CD Format

Documentation for OpenVMS Version 8.4 is provided on one CD in ISO 9660 format for use on both Windows OpenVMS systems.

Documentation CD Content

The OpenVMS Version 8.4 Documentation CD contains documentation in the following formats:

- HTML
- PDF

Documentation CD Structure

The Documentation CD contains the following directories:

- [84FINAL]
Includes subdirectories containing the entire OpenVMS Version 8.4 documentation set as well as associated product document sets in HTML format.
- [84FINAL.DOCUMENTATION]
Includes the subdirectory [.PDF].
 - [.PDF]
Contains documentation in PDF format for the OpenVMS operating system, Advanced Server for OpenVMS, HP Secure Web Browser for OpenVMS, HP Secure Web Server for OpenVMS, HP TCP/IP Services for OpenVMS, PATHWORKS for OpenVMS (Advanced Server), DECdfs for OpenVMS, DECnet for OpenVMS, and other layered products. For a complete listing of these documents, see Table 2-1.



NOTE: For some manuals, the PDF file is not located in the [.PDF] directory. Instead, these PDF files are located in the book's subdirectory under [84FINAL]. For example, the PDF file for *HP Volume Shadowing for OpenVMS*, named AA-PVXMJ-TE.PDF, is located in the directory [84FINAL.AA-PVXMJ-TE] along with the book's HTML files.

Accessing Documentation on the CD

This section describes how to access files on the CD.

Accessing HTML Documentation

The HTML documentation is stored in subdirectories under the [84FINAL] directory on the OpenVMS Version 8.4 Documentation CD. Use the file INDEX.HTML, located in the root directory, to browse the documentation.

Accessing PDF Documentation

The PDF documentation is provided in directories throughout the CD. Links to the documents are provided in the INDEX.HTML file in the root directory.

Table 2-1 lists the documentation available in .PDF and .HTML formats, except as noted, for the following software:

- OpenVMS Operating System
- Advanced Server for OpenVMS
- COM for HP OpenVMS
- DECdfs for OpenVMS
- DECnet for OpenVMS
- DECnet-Plus for OpenVMS
- DECwindows Motif for OpenVMS
- HP BridgeWorks
- HP DCE for OpenVMS
- HP DCPS for OpenVMS
- HP OpenVMS Enterprise Directory
- HP Secure Web Browser (based on Mozilla)
- HP Secure Web Browser (based on Apache)
- HP TCP/IP Services for OpenVMS
- Java Technology Software for OpenVMS
- NetBeans for OpenVMS
- PATHWORKS for OpenVMS (Advanced Server)
- SOAP Toolkit for OpenVMS
- Software Development Kit (SDK) for the Java Platform
- UDDI for OpenVMS (based on UDDI4J)
- Web Services Integration Toolkit for OpenVMS
- XML Technology for OpenVMS
- Archived manuals

Table 2-1 Contents of the Documentation CD

OpenVMS Operating System

HP Availability Manager User's Manual

HP C Run-Time Library Reference Manual for OpenVMS Systems

Compaq C Run-Time Library Utilities Reference Manual

Compaq Portable Mathematics Library

DECcmds User's Guide

DEC Text Processing Utility Reference Manual

COM, Registry, and Events for OpenVMS Developer's Guide

Extensible Versatile Editor Reference Manual

Guide to Creating OpenVMS Modular Procedures

Guide to OpenVMS File Applications

Guide to the DEC Text Processing Utility

Guide to the POSIX Threads Library

Guidelines for OpenVMS Cluster Configurations

HP OpenVMS Alpha Partitioning and Galaxy Guide

HP OpenVMS Guide to Upgrading Privileged-Code Applications

HP OpenVMS System Analysis Tools Manual

Table 2-1 Contents of the Documentation CD (continued)

HP OpenVMS Calling Standard

HP OpenVMS Cluster Systems

HP OpenVMS Command Definition, Librarian, and Message Utilities Manual

HP OpenVMS DCL Dictionary: A--M

HP OpenVMS DCL Dictionary: N--Z

HP OpenVMS Debugger Manual

HP OpenVMS Delta/XDelta Debugger Manual

HP OpenVMS Guide to System Security

HP OpenVMS I/O User's Reference Manual

HP OpenVMS License Management Utility Manual

HP OpenVMS Linker Utility Manual

HP OpenVMS MACRO-32 Compiler Porting and User's Guide

HP OpenVMS Management Station Overview and Release Notes

HP OpenVMS Programming Concepts Manual, Volume I

HP OpenVMS Programming Concepts Manual, Volume II

OpenVMS Record Management Services Reference Manual

OpenVMS Record Management Utilities Reference Manual

HP OpenVMS RTL General Purpose (OTS\$) Manual

HP OpenVMS RTL Library (LIB\$) Manual

OpenVMS RTL Screen Management (SMG\$) Manual

OpenVMS RTL String Manipulation (STR\$) Manual

HP OpenVMS System Management Utilities Reference Manual: A--L

HP OpenVMS System Management Utilities Reference Manual: M--Z

HP OpenVMS System Manager's Manual, Volume 1: Essentials

HP OpenVMS System Manager's Manual, Volume 2: Tuning, Monitoring, and Complex Systems

HP OpenVMS System Messages: Companion Guide for Help Message Users

HP OpenVMS System Services Reference Manual: A--GETUAI

HP OpenVMS System Services Reference Manual: GETUTC--Z

OpenVMS User's Manual

OpenVMS Utility Routines Manual

HP OpenVMS Version 8.4 New Features and Documentation Overview

HP OpenVMS Version 8.4 Release Notes

HP OpenVMS Version 8.4 Upgrade and Installation Manual

HP Open Source Security for OpenVMS, Volume 1: Common Data Security Architecture

HP Open Source Security for OpenVMS, Volume 2: HP SSL for OpenVMS

HP Open Source Security for OpenVMS, Volume 3: Kerberos

HP POLYCENTER Software Installation Utility Developer's Guide

Table 2-1 Contents of the Documentation CD (continued)

Porting Applications from HP OpenVMS Alpha to HP OpenVMS Industry Standard 64 for Integrity Servers

HP Volume Shadowing for OpenVMS

Advanced Server for OpenVMS Documentation

HP Advanced Server for OpenVMS Commands Reference Manual

HP Advanced Server for OpenVMS Concepts and Planning Guide

HP Advanced Server for OpenVMS Guide to Managing Advanced Server Licenses

HP Advanced Server for OpenVMS Server Administrator's Guide

HP Advanced Server for OpenVMS Server Installation and Configuration Guide

COM for OpenVMS

COM for HP OpenVMS Installation Guide

DECdfs for OpenVMS

DECdfs for OpenVMS Management Guide

DECdfs for OpenVMS Installation Guide

DECdfs for OpenVMS Release Notes

DECnet for OpenVMS (.PDF only)

DECnet for OpenVMS Guide to Networking

DECnet for OpenVMS Networking Manual

DECnet for OpenVMS Network Management Utilities

DECnet-Plus for OpenVMS (.PDF only)

HP DECnet-Plus for OpenVMS Installation and Configuration

HP DECnet-Plus for OpenVMS Release Notes

DECnet-Plus for OpenVMS Introduction and User's Guide

HP DECnet-Plus for OpenVMS Network Management

HP DECnet-Plus Network Control Language Reference

DECnet-Plus Planning Guide

DECnet-Plus for OpenVMS Programming

DECnet-Plus FTAM and VT Use and Management

DECnet-Plus FTAM Programming

DECnet-Plus OSAK Programming Reference

DECnet-Plus OSAK Programming

DECnet-Plus OSAK SPI Programming Reference

HP DECnet-Plus DECdts Management

Table 2-1 Contents of the Documentation CD (continued)

DECnet-Plus DECdns Programming

DECnet-Plus DECdns Management

DECnet-Plus Problem Solving

DECnet/OSI for VMS CTF Use

DECwindows Motif for OpenVMS Documentation (.PDF only)

HP DECwindows Motif for OpenVMS Documentation Overview

HP DECwindows Motif for OpenVMS New Features

HP DECwindows for OpenVMS Installation Guide

HP DECwindows Motif for OpenVMS Management Guide

HP BridgeWorks (.PDF only)

HP BridgeWorks Installation Guide for OpenVMS

HP BridgeWorks Release Notes for OpenVMS

HP BridgeWorks Readme for Windows

HP DCE for OpenVMS (.PDF only)

HP DCE for OpenVMS Alpha and OpenVMS I64 Installation and Configuration Guide

HP DCE for OpenVMS Alpha and OpenVMS I64 Product Guide

HP DCE for OpenVMS Alpha and OpenVMS I64 Reference Guide

HP DCE for OpenVMS Alpha and OpenVMS I64 Release Notes

HP DCPS for OpenVMS

HP DCPS for OpenVMS Software Installation Guide

HP DCPS for OpenVMS User's Guide

HP DCPS for OpenVMS Manager's Guide

HP DCPS for OpenVMS Release Notes

HP OpenVMS Enterprise Directory (.PDF only)

HP Enterprise Directory Management

HP Enterprise Problem Solving

HP Enterprise Directory Read Before Installing

HP Enterprise Directory Installing

HP Enterprise Directory Release Notes

HP Secure Web Browser (based on Seamonkey)

HP Secure Web Browser for OpenVMS Alpha Installation Guide and Release Notes

HP Secure Web Browser for OpenVMS Integrity servers Installation Guide and Release Notes

Table 2-1 Contents of the Documentation CD (continued)

HP Secure Web Server (based on Apache)

HP Secure Web Server for OpenVMS Installation and Configuration Guide
CSWS_JAVA for HP Secure Web Server for OpenVMS Installation Guide and Release Notes
CSWS_PERL for HP Secure Web Server for OpenVMS Installation Guide and Release Notes
CSWS_PHP for HP Secure Web Server for OpenVMS Installation Guide and Release Notes
Perl for HP OpenVMS Installation Guide and Release Notes

HP TCP/IP Services for OpenVMS

Compaq TCP/IP Services for OpenVMS Concepts and Planning
HP TCP/IP Services Guide to SSH
HP TCP/IP Services for OpenVMS Guide to IPv6
HP TCP/IP Services for OpenVMS Installation and Configuration
HP TCP/IP Services for OpenVMS Management
HP TCP/IP Services for OpenVMS Management Command Reference
HP TCP/IP Services for OpenVMS ONC RPC Programming
HP TCP/IP Services for OpenVMS Release Notes
HP TCP/IP Services for OpenVMS SNMP Programming and Reference
HP TCP/IP Services for OpenVMS Sockets API and System Services Programming
HP TCP/IP Services for OpenVMS Tuning and Troubleshooting
HP TCP/IP Services for OpenVMS User's Guide

Java Software Development Kit (JDK)

Before You Install J2SE Development Kit (JDK) v 6.0-1 for the OpenVMS Alpha Operating System for the Java Platform
Release Notes for J2SE Development Kit (JDK) v 6.0-1 for the OpenVMS Alpha Operating System for the Java Platform
User Guide for J2SE Development Kit (JDK) v 6.0x for the OpenVMS Operating System for the Java Platform
Before You Install Software Development Kit (SDK) v 1.4.2-9 for the OpenVMS Integrity server Operating System for the Java Platform
Release Notes for Software Development Kit (SDK) v 1.4.2-9 for the OpenVMS Integrity server Operating System for the Java Platform
User Guide for Software Development Kit (SDK) v 1.4.x for the OpenVMS Operating System for the Java Platform

Netbeans and Distributed Netbeans for OpenVMS (.PDF only)

Netbeans for OpenVMS Installation Guide
Netbeans for OpenVMS Release Notes
Distributed Netbeans for OpenVMS Installation Guide and Release Notes
Quick Start Guide

Table 2-1 Contents of the Documentation CD (continued)

SOAP Toolkit for OpenVMS

Soap Toolkit for OpenVMS Installation Guide and Release Notes

UDDI for OpenVMS (based on UDDI4J)

UDDI HP OpenVMS Installation Guide and Release Notes

Web Services Integration Toolkit for OpenVMS

Web Services Integration Toolkit for HP OpenVMS Installation Guide and Release Notes

Web Services Integration Toolkit for OpenVMS Installation Guide

Web Services Integration Toolkit for HP OpenVMS Interface Definition Language (IDL) Reference

XML Technologies for OpenVMS

XML C Technology for HP OpenVMS Installation Guide and Release Notes

XML Java Technology for HP OpenVMS Installation Guide and Release Notes
