



Cover Letter for HP OpenVMS Version 8.2-1 for Integrity Servers

BA322-90034

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Dear OpenVMS Customer,

Hewlett-Packard is pleased to introduce the HP OpenVMS Version 8.2-1 for Integrity Servers operating system. HP is dedicated to providing customers with the most advanced functionality and highest-quality products possible. The OpenVMS Version 8.2-1 operating system release reflects this dedication.

This cover letter discusses the following topics:

- OpenVMS Version 8.2-1 New Features
- Firmware versions
- OpenVMS Freeware
- Documentation
- Software Product Descriptions
- Software Layered Product Update
- OpenVMS Source Listings Kit

New Features

The OpenVMS Version 8.2-1 release provides all of the features contained in the OpenVMS Version 8.2 release, plus enhancements to system availability, I/O performance improvements, and security. The following are some of the features and enhancements:

- New hardware support for the following Integrity servers:
 - HP Integrity rx7620 server
 - HP Integrity rx8620 server
 - HP Integrity Superdome server
- InfoServer utility

Allows you to boot from a virtual DVD drive on the local area network (LAN) from which you can upgrade your system to Version 8.2-1. InfoServer is supported on core LAN I/O devices on the rx1600, rx1620, rx2600, rx2620, and rx4640 Integrity servers.
- Support for nPartitions

On HP cell-based servers (such as the rx7620, rx8620, and the Integrity Superdome), each nPartition defines a subset of the server hardware resources that is used as an independent system environment.

- Power-saver feature
Minimizes power consumption by allowing you to place a CPU in low-power mode when it is idle, thereby reducing energy costs.
- Increase in the number of nodes in an I64 cluster
Supports up to 96 nodes in an OpenVMS Cluster system, with no constraints on the mix of Integrity server and AlphaServer nodes.
- Fibre Channel performance data with new System Dump Analyzer command
The SDA command FC PERFORMANCE is now available in OpenVMS Version 8.2–1.
- PPL units assignment tool
Helps manage license units for OpenVMS Per-Processor Licenses (PPL).

For more information about new features in the OpenVMS Version 8.2–1 release, refer to the *HP OpenVMS Version 8.2–1 for Integrity Servers New Features and Release Notes*.

Firmware Versions

The following minimum firmware versions are required to run OpenVMS Version 8.2–1 on the rx7620, rx8620, and Superdome Integrity servers:

- rx7620 and rx8620—Field Release Version 4.0 for rx7620 and rx8620
- Superdome—Support Management Station (SMS) Version 6.0

For information about how to check the current firmware version, refer to the *HP OpenVMS Version 8.2–1 for Integrity Servers Upgrade and Installation Manual*. If the firmware for your rx7620, rx8620, or Superdome needs to be updated, contact HP Customer Support.

For the minimum firmware versions required to run OpenVMS Version 8.2–1 on the entry-class Integrity servers, refer to the *HP OpenVMS Version 8.2–1 for Integrity Servers New Features and Release Notes*.

OpenVMS Freeware Version 7.0

The OpenVMS Freeware CDs are included in the OpenVMS CD distribution kit. The Freeware CDs contain free software tools and utilities for creating applications and managing OpenVMS systems.

NOTE

The OpenVMS Freeware CDs are provided as is without a warranty. HP imposes no restrictions on its distribution or on the redistribution of its contents. Be aware, however, that some of the packages on the CDs can carry restrictions on their use imposed by the original authors. Therefore, you should carefully read the documentation that accompanies each product. HP does not support services for this software, fix the software, or guarantee that it works correctly.

HP Service Support and Tools

Up-to-date support status for OpenVMS releases is provided at the following Web site:

<http://www.hp.com/go/openvms/supportchart.html>

This site contains the most current support status for all of the OpenVMS releases.

Documentation

OpenVMS Version 8.2–1 documentation consists of two new manuals to supplement the current manuals that were provided with OpenVMS Version 8.2. These new manuals provide the information you need to install and use Version 8.2–1.

The following release documentation is included in the OpenVMS Version 8.2–1 media kit:

- Hardcopy documents
 - *HP OpenVMS Version 8.2–1 for Integrity Servers Upgrade and Installation Manual*
 - *HP OpenVMS Version 8.2–1 for Integrity Servers New Features and Release Notes*
 - *Cover Letter for HP OpenVMS Version 8.2–1 Integrity Servers*
 - *HP OpenVMS License Management Utility Manual*
 - *HP OpenVMS Version 8.2 Release Notes*
- Online documents
 - Online Documentation Library for HP OpenVMS I64 and Microsoft® Windows® Platforms CD

Not all books in a documentation set are revised for each release. Typically, each release contains a number of new and revised books, with the remainder of the set consisting of books from previous releases. For example, the OpenVMS Version 8.2 set includes several new and revised books, with the remaining titles being carryovers from previous releases. The books in each set are the most current versions available.

In addition, all the documentation is available from the HP OpenVMS Systems Documentation Web site:

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

Software Product Descriptions

Software Product Descriptions (SPDs) for the OpenVMS operating system and System Integrated Products (SIPs) can be found on the OpenVMS distribution media. For information about locating the SPDs on the OpenVMS Version 8.2–1 for Integrity Servers Operating Environment DVD, refer to the *HP OpenVMS Version 8.2–1 for Integrity Servers New Features and Release Notes*.

For the most up-to-date SPDs, visit the following Web site:

<http://www.hp.com/go/spd>

Software Layered Product Updates

Initial product delivery for Software Layered Products is included on the Operating Environment Media offerings:

- BA322AA for Foundation Operating Environment
- BA323AA for Enterprise Operating Environment

For information about layered products included with OpenVMS Version 8.2–1, refer to the *HP OpenVMS Version 8.2–1 for Integrity Servers New Features and Release Notes*.

Software Update Services for I64 systems are available for the Foundation and Enterprise Operating Environments and for individual products on the EOE. Products on the FOE are not available for individual license or service. All software updates are delivered on a consolidated DVD available from HP. For more information, contact your local HP account representative or distributor.

Information about HP Support Services is also available at the following Web site:

<http://www.hp.com/hps/software>

OpenVMS Source Listings Kit

The HP OpenVMS Version 8.2–1 for Integrity Servers Source Listings Kit is available on DVD. This source listings kit contains all nonproprietary source listings files that make up the OpenVMS operating system.

The OpenVMS Source Listings Kit and License include the license required to view these files on a standalone system or in an OpenVMS Cluster environment. If you want to make these files available on another system, such as a remote site, you must purchase an additional kit. For each kit you purchase, you must sign a source license agreement. Contact your local HP representative for more information.

Use the following order number for the OpenVMS Version 8.2–1 source listings:

BA469AA—HP OpenVMS Version 8.2–1 for Integrity Servers Source Listings Kit and License