



OpenVMS Rolling Roadmap

This information contains forward looking statements and is provided solely for your convenience. While the information herein is based on our current best estimates, such information is subject to change without notice.

December 1, 2015

OpenVMS Rolling Roadmap

March 2016

2016 / 2017

2018

OpenVMS V8.4-2

HP Integrity System Support

- Full BL890c Support
 - 64 Cores (hyperthreads off)
 - 1.5 TB Memory
 - Expanded network device name space
- UEFI 2.3
- 3PAR 8200 Flash Array
- Network Boot on Blades
- rx7640 / rx8640

Performance

- More alignment faults eliminated
- Tunable BACKUP Compression

Software Component Updates

- Enterprise Directory 5.7
- Apache 2.4.12
- LDDRIVER 9.7
- GNV 3.0-2
- WBEM
- Availability Manager (64b Windows)
- Latest Time Zone Definitions

OpenVMS V8.x,.....

HP Integrity System Support

- 16Gb Fibre Channel
- HP Kittson-based servers
- Additional device and server support, depending on customer feedback

Software

- JAVA 1.8
- VSI TCP/IP 1.0
- Large Disks (64b LBNs)
- CRTL (Application Portability)
- gSOAP, Samba, PHP, git, OpenSSL
- OMNI / OSAP
- RTR

New File System

- In addition to ODS-2 and ODS-5
- Eliminate 2TB volume size limit
- Faster create/delete
- Directory scalability
- 4 billion files per volume
- Fast crash recovery

OpenVMS V9.0

Itanium & x86-64

- Network stack performance
- Containers
- OpenJDK

Itanium

Additional servers & I/O, depending on customer feedback

x86-64

- Selected HP Servers (Intel and AMD)
- OpenVMS as a virtual machine guest
- Dynamic Binary Translator (Alpha/Itanium)
- Updated Language Standards
 - C
 - C++
 - FORTRAN

Multiple releases may occur between V8.4-2 and V9.0. The order in which various improvements are added to these releases will be determined by readiness, hardware availability, and customer feedback.

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Research Areas

- Virtual Machine Guest
 - kvm
 - xen
 - VirtualBox
 - VMware
- Containers / Docker
- Hadoop
- Cloud
 - OpenStack
 - Rackspace
 - Apache jclouds
- Security
 - Encryption
 - Communications
 - Data at Rest
 - Crash Dumps
 - UEFI Secure Boot
- Alternative CLI

OpenVMS Operating Environment

DVD Contents

Released

March 2016

BOE Components:

- V8.4-1H1 operating system (05/13/15)
- ANT (05/13/15)
- AXIS2 (05/13/15)
- CDSA (05/13/15)
- CIFS (05/13/15)
- CSWS (09/24/15)
- CSWS_JAVA (09/24/15)
- CSWS_PHP (09/24/15)
- DCPS (05/13/15)
- DECnet Phase IV (05/13/15)
- DECnet Phase V (05/13/15)
- DECram (05/13/15)
- DECwindows Motif (09/24/15)
- DCE (runtime) (05/13/15)
- Encryption (05/13/15)
- Kerberos (05/13/15)
- PERL (05/13/15)
- SSL (05/13/15)
- TCP/IP (05/13/15)
- The Data Collector (05/13/15)
- UDDI (05/13/15)
- VSI Binary Checker (05/13/15)
- WBEM/CIM (05/13/15)
- WBEM providers (05/13/15)
- WSIT (05/13/15)
- XML C++ (05/13/15)
- XML_JAVA (09/24/15)

HAOE components:

- Availability Manager (05/13/15)
- RMS Journaling (05/13/15)
- Volume Shadowing (05/13/15)
- OpenVMS Cluster Client (05/13/15)
- OpenVMS Cluster Software (05/13/15)

BOE Components:

- CSWS
- CSWS_JAVA
- CSWS_PHP
- Enterprise Directory
- WBEM/CIM
- WBEM providers
- DECnet Phase V Applications
 - OSAK
 - FTAM
 - VT

HAOE components:

- Availability Manager (64b Windows)

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OpenVMS Layered Products

CD Contents

Released

March 2016

- ABS / MDMS (09/24/15)
- ACMS dev, remote, runtime (05/13/15)
- BASIC (05/13/15)
- C (05/13/15)
- COBOL (05/13/15)
- Datatrieve (09/24/15)
- DECforms dev, runtime (05/13/15)
- DECset (05/13/15)
(CMS, DTM, MMS, SCA, LSE, PCA)
- DFO (09/24/15)
- DFS (05/13/15)
- FMS dev, runtime (09/24/15)
- Fortran (05/13/15)
- MRU (09/24/15)
- PASCAL (05/13/15)
- SSM (09/24/15)
- TDMS dev, runtime (09/24/15)
- ACMS dev, remote, runtime
- DECforms dev, runtime

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VSI Previous Operating System Releases

May 2015

OpenVMS V8.4-1H1

Itanium® Processor 9500 series

- ◆ New CPU architecture
- ◆ Vastly improved performance

HP Integrity System Support

- ◆ rx2800
- ◆ HP Integrity Server Blades
 - BL860c
 - BL870c
 - BL890c
- ◆ Blades FlexFabric LAN support
- ◆ 9300 series blades and rx2800

Software

- ◆ Quality Enhancements
 - Operating System
 - Layered Products
- ◆ Product Rebranding

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