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.
VSI

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 i4
- HP Integrity Server Blades
  - BL860c i4
  - BL870c i4
  - BL890c i4
- i2 versions of blades and rx2800
- Blades FlexFabric LAN support

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

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.
# OpenVMS Integrated Product Status

## Operating Environment • DVD Contents

### May 2015

**BOE Components:**
- V8.4-1H1 operating system
- ANT
- AXIS2
- CDSA
- CIFS
- CSWS_JAVA
- DCPS
- DECnet Phase IV & Phase V
- DECram
- DECwindows Motif
- DCE (runtime)
- Encryption
- Kerberos
- PERL
- Secure Web Server (CSWS)
- SSL
- TCP/IP
- The Data Collector
- UDDI
- VSI Binary Checker
- WBEM/CIM
- WBEM providers
- WSIT
- XML C++

**HAOE Components:**
- BOE components
- Availability Manager
- RMS Journaling
- Volume Shadowing
- OpenVMS Cluster Client
- OpenVMS Cluster Software

### September 2015

**BOE Component:**
- CSWS_PHP
- XML_JAVA
- DECwindows

---

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.
## OpenVMS Layered Product Status

### Layered Products • DVD Contents

### May 2015

**Released**

- ACMS dev, remote, runtime
- BASIC
- C
- COBOL
- DECforms dev, runtime
- DECset (CMS, DTM, MMS, SCA, LSE, PCA)
- DFO
- DFS
- Fortran
- PASCAL

### September 2015

- ABS / MDMS
- Datatrieve
- FMS dev, runtime
- MRU
- SSM
- TDMS dev, runtime

---

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.
# OpenVMS Rolling Roadmap

## February 2016

### OpenVMS V8.4-2

**HP Integrity System Support**
- 64 Cores (CPU hyperthreads off)
- UEFI 2.3
- 3PAR 8200 Flash Array

**VSI TCP/IP 1.0**
- Installation Option
- HP TCP/IP **will not be supported** in a future release

**Performance**
- More alignment faults eliminated
- Improved network throughput with VSI TCP/IP

**Software Component Updates**
- ACME-enabled LOGIN
- Enterprise Directory
- HSM
- Apache 2.4.12
- LDDRIVER 9.7

## 2016 / 2017

### OpenVMS V8.x,......

**HP Integrity System Support**
- 16Gb Fibre Channel
- HP Kittson-based servers
- Additional device support, depending on customer feedback

**Software**
- JAVA 1.8
- Large Disks (64b LBNs)
- GNV & CRTL (Application Portability)
- OMNI / OSAP
- gSOAP, Samba, PHP, git, OpenSSL

**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

## 2018

### 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.

---

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.
Research Areas

• Virtual Machine Guest
  − kvm
  − xen
  − VMware

• Containers / Docker

• Hadoop

• Cloud
  − OpenStack
  − Rackspace
  − Apache jclouds

• Encryption
  − Communications
  − Data at Rest

• Alternative CLI
VSI OpenVMS Service Roadmap

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.

8.4-1H1

Standard Support

5 Year Standard Support + 2 Year PVS minimum

PVS – Prior Version Support without Sustaining Engineering

* 24 Month notice will be provided before support is ended
VSI OpenVMS Service Roadmap

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.
VSI OpenVMS Service Roadmap

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.

PVS – Prior Version Support without Sustaining Engineering
* 24 Month notice will be provided before support is ended
VSI OpenVMS Service Roadmap

These roadmaps contain forward looking statements and are provided solely for your convenience. While the information in this roadmap is based on our current best estimates, such information is subject to change without notice.
For more information, please contact us at:

RnD@vmssoftware.com

VMS Software, Inc. • 580 Main Street • Bolton MA 01740 • +1 978 451 0110