

VSI OpenVMS

Software Roadmap

A guide to the strategy and
roadmap for the OpenVMS
Operating System



VMS Software

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Disclaimer

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.

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VSI OpenVMS Software Product Roadmap Highlights

VMS Software is enabling the OpenVMS ecosystem on industry standard x86 servers to enable customers to deploy applications on industry standard hypervisors, on bare metal servers and in the cloud. VMS Software provides services and support to keep mission critical environments operational and available as well as migration services to seamlessly move customers forward.



CY 2022

OpenVMS V9.2 (Production Release – x86-64)

V9.2 will be the first production release of OpenVMS for x86 running on Oracle VM VirtualBox, KVM, and VMware, featuring a native MACRO compiler, more layered and open source products, additional security features, and a set of cross tools.

OpenVMS V9.2-X (Production Releases – x86-64)

Support for additional platforms such as HyperV, more native compilers, and other enhancements will be provided in releases following V9.2.

VSI OpenVMS Software Rolling Roadmap

July

OpenVMS V9.2 (Limited Production Release)

- Additional Layered Products and Open Source Applications
- New Security Feature – Entropy Engine
- Native compilers with LLVM backend code generator:
 - BLISS, XMACRO, C++ (Phase 1)

July-November

- Additional Layered Products and Open Source Applications
- Additional native compilers
 - C, COBOL, and C++ (Phase 2 – VMS Extensions)
- VSI TCP/IP Services enhancements and bugfixes
 - GATED

November/December

OpenVMS V9.2-1 (Production Release – x86-64)

- Additional Layered Products and Open Source Applications
- Cloud Platforms – Amazon Web Services, Microsoft Azure (researching, customer input requested)
- VSI TCP/IP Services enhancements and bugfixes
 - PTP (Precision Time Protocol)
- OpenJDK for x86
- Native compilers with LLVM backend code generator:
 - Fortran, BASIC, and Pascal

Applications and Tools:

- Availability Manager V3.2-1 for Windows 10/11 and OpenVMS

OpenVMS V9.2-2 for x86

- Additional hypervisor and cloud platform support driven by customer requirements
- Additional bare metal server support driven by customer demand
- Cluster security features
- VSI expects to release new operating system versions on a yearly basis after 2023, with release content determined by customer requirements and industry trends.

OpenVMS x86 Server/IO Roadmap

	V9.2	V9.2-x	V9.2-x
Server Model ¹	N/A	N/A	Full Support for HPE DL380 (Intel) Other two socket model hardware
VM Hypervisor	Oracle VM VirtualBox; KVM; VMware	Oracle VM VirtualBox; KVM; VMware	Oracle VM VirtualBox; KVM; VMware Microsoft Hyper-V
Cloud Platform	N/A	Amazon Web Services (customer input requested) Microsoft Azure (customer input requested)	Amazon Web Services (customer input requested) Microsoft Azure (customer input requested)
USB ²	N/A	USB 2.0	USB 2.0/3.x

¹ VSI will test specific models in a server product line and will support architecturally equivalent server models (same CPU/chipset family).

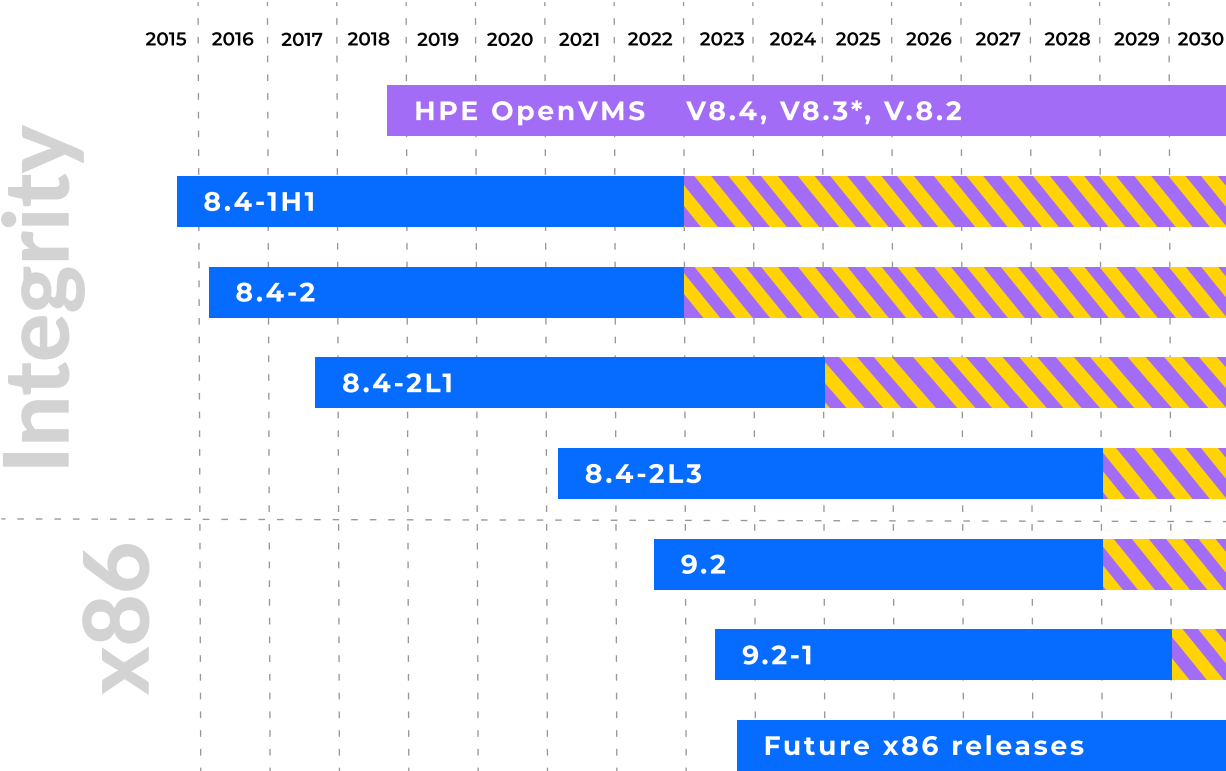
² USB device support will be for server oriented memory devices such as memory sticks and mass storage devices.

Prior VSI OpenVMS Releases

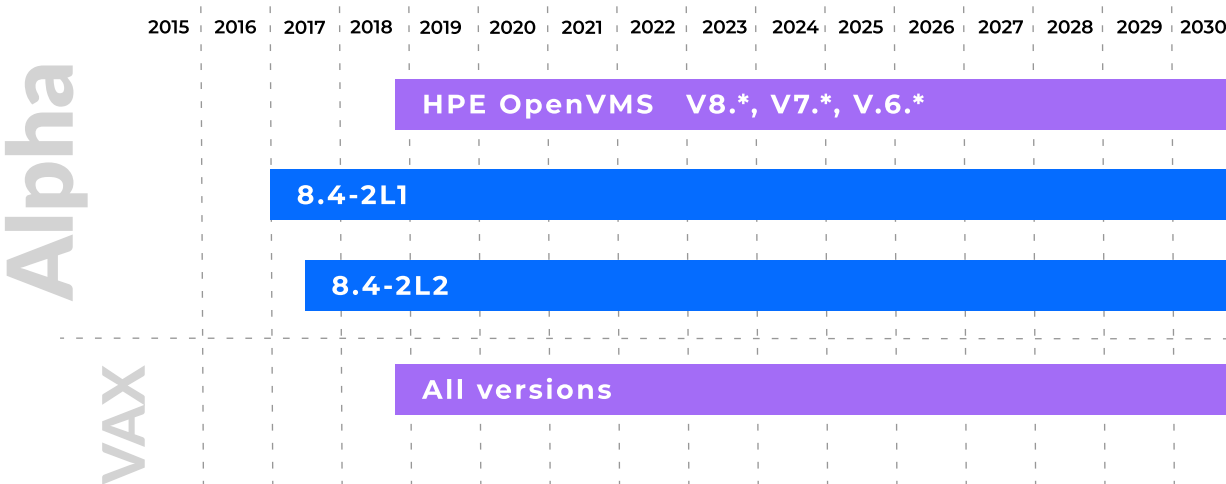
April 2022	E9.2 Field Test for x86
November 2021	V9.1-A Update Kit 1
September 2021	V9.1-A Field Test for x86
July/August 2021	V9.1 Update Kits 1 & 2
June 2021	V9.1 Field Test for x86
April 2021	V8.4-2L3 for Integrity
April 2021	V9.0-H Limited EAK for x86
February 2021	V9.0-G Limited EAK for x86
December 2020	V9.0-F Limited EAK for x86
October 2020	V9.0-E Limited EAK for x86
August 2020	V9.0-D Limited EAK for x86
July 2020	V9.0-C Limited EAK for x86
June 2020	V9.0-B Limited EAK for x86
May 2020	V9.0-A Limited EAK for x86
May 2020	V9.0 Limited EAK for x86
June 2017	V8.4-2L2 for Alpha
January 2017	V8.4-2L1 for Alpha
September 2016	V8.4-2L1 for Integrity
March 2016	V8.4-2 for Integrity
May 2015	V8.4-1H1 for Integrity

VSI OpenVMS Support Roadmap

VSI OpenVMS Integrity & x86 Support Roadmap



VSI OpenVMS Alpha & VAX Support Roadmap



EES: Extended Engineering Support contract is available
 PVS: Prior Version Support without Sustaining Engineering
 Standard Support

• 24 Month notice will be provided before support is ended

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