

Benefits of VSI OpenVMS on Alpha

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Vision

By linking the past to the future,
we provide OpenVMS users an opportunity
to protect and realize the full value
of their application investments.

Agenda



**Long-term
Support**



Resources



Enhanced Security



Future for Alpha



Modern Features



**Questions /
Discussion /
Wishlist**

Long-term support



Long-term support

- Last patch kit for HPE OpenVMS released in mid 2019
- Since then, there have been ~50 ECO kits for VSI OpenVMS on Alpha, and dozens of layered product and open source software releases
- Backported bugs found during x86 port
- Backported improvements for x86
- Alpha (and Itanium) kept on-par with x86 where feasible

Alpha ECO kits

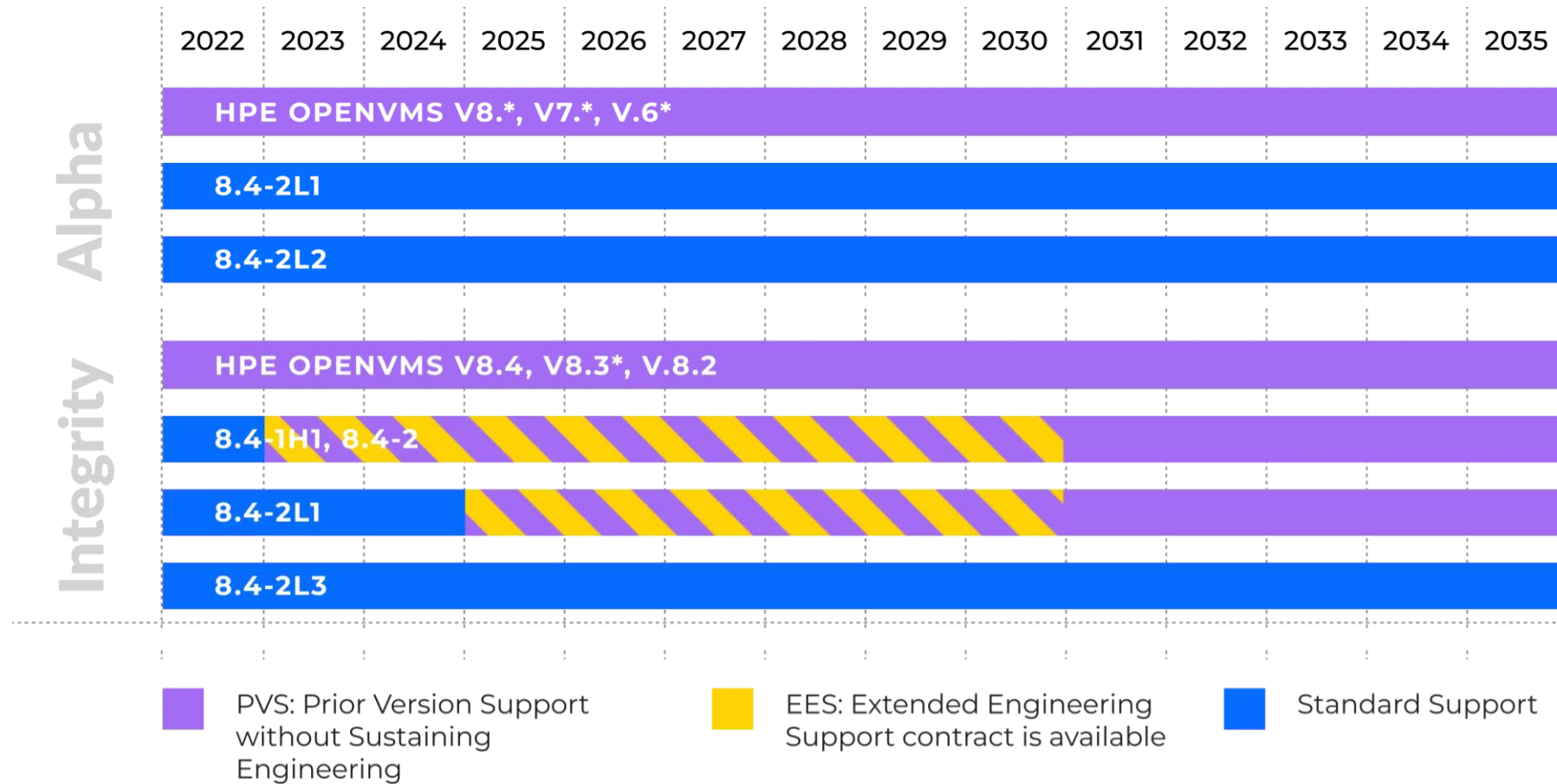
Current Alpha V8.4-2L1 Operating System ECO kits

Path:

<https://sp.vmssoftware.com/#/packages?sysarch=axp&swtype=e&minos=V8.4-2L1>

Kit Name	Date available on Portal	Reboot	Install Rating
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VMS842L1A_MULTIPATH-V0100	01-Aug-2017	Yes	2
VMS842L1A_LCKMGR-V0100	12-Aug-2017	Yes	2
VMS842L1A_GALAXY-V0100	26-Jan-2018	Yes	2
VMS842L1A_PRCMGT-V0100	15-Jun-2018	Yes	1
VMS842L1A_MDDRIVER-V0100	23-Aug-2018	Yes	2
VMS842L1A_NOTARY-V0200	24-Sep-2018	No	1
VMS842L1A_ACME-V0100	17-Nov-2018	Yes	1
VMS842L1A_PRTSMB-V0100	19-Jan-2019	No	3
VMS842L2A_PWDMGMT-V0200	16-Apr-2019	No	2
VMS842L1A_DTS DTR-V0100	14-Sep-2019	No	3
VMS842L1A_LCKMGRSTB-V0200	02-Nov-2019	No	3
VMS842L1A_PEDRIVER-V0200	02-Nov-2019	Yes	3
VMS842L2A_AUTOGEN-V0200	27-Jan-2020	No	1
VMS842L1A_ACMESRV-V0100	23-Feb-2020	No	1
VMS842L1A_LDAP-V0400	28-Mar-2020	No	2
VMS842L2A_EDT-V0100	11-Apr-2020	No	2
VMS842L1A_ENCRYPSHR-V0100	18-Apr-2020	No	1
VMS842L2A_FDL-V0100	07-May-2021	No	2
VMS842L1A_CLUSTER-V0100	15-Jun-2021	Yes	2
VMS842L2A_CLUCONFIG-V0200	08-Dec-2021	No	2

Long-term support



Performance Version V8.4-2L2

2L1

- All AlphaServers
- Emulators



2L2

- EV6+ AlphaServers
- Emulators



Enhanced security



Enhanced Security



TCP/IP



OpenLDAP



OpenSSL



**Password
Management**



OpenSSH



Samba

Modern Features



Modern Features



**Apache,
CivetWeb**



**cUrl, gSoap, RabbitMq
client, MQTT, Swig**



PHP, LUA



**Redis, MariaDb client,
Postgress client**

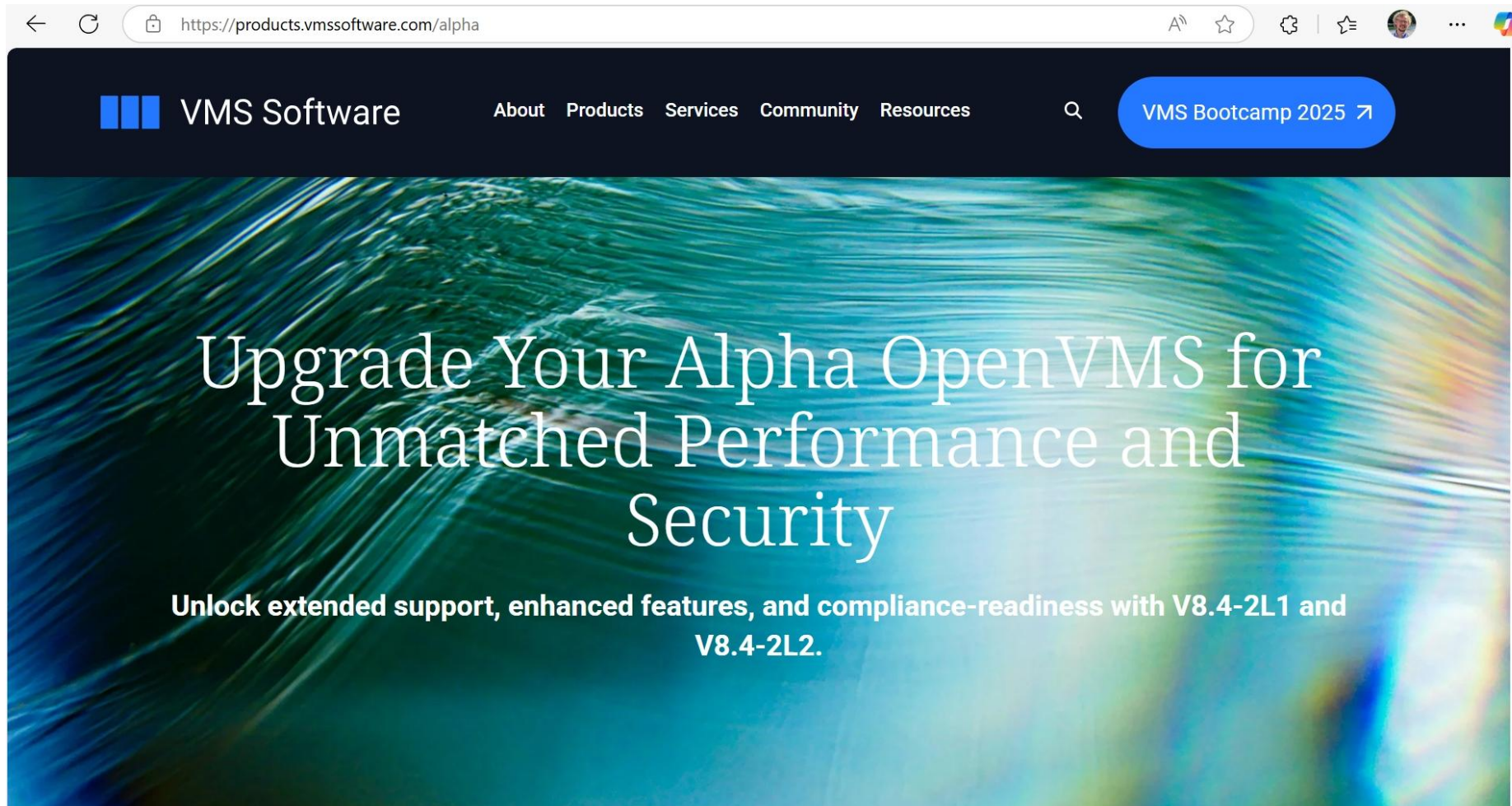
Resources



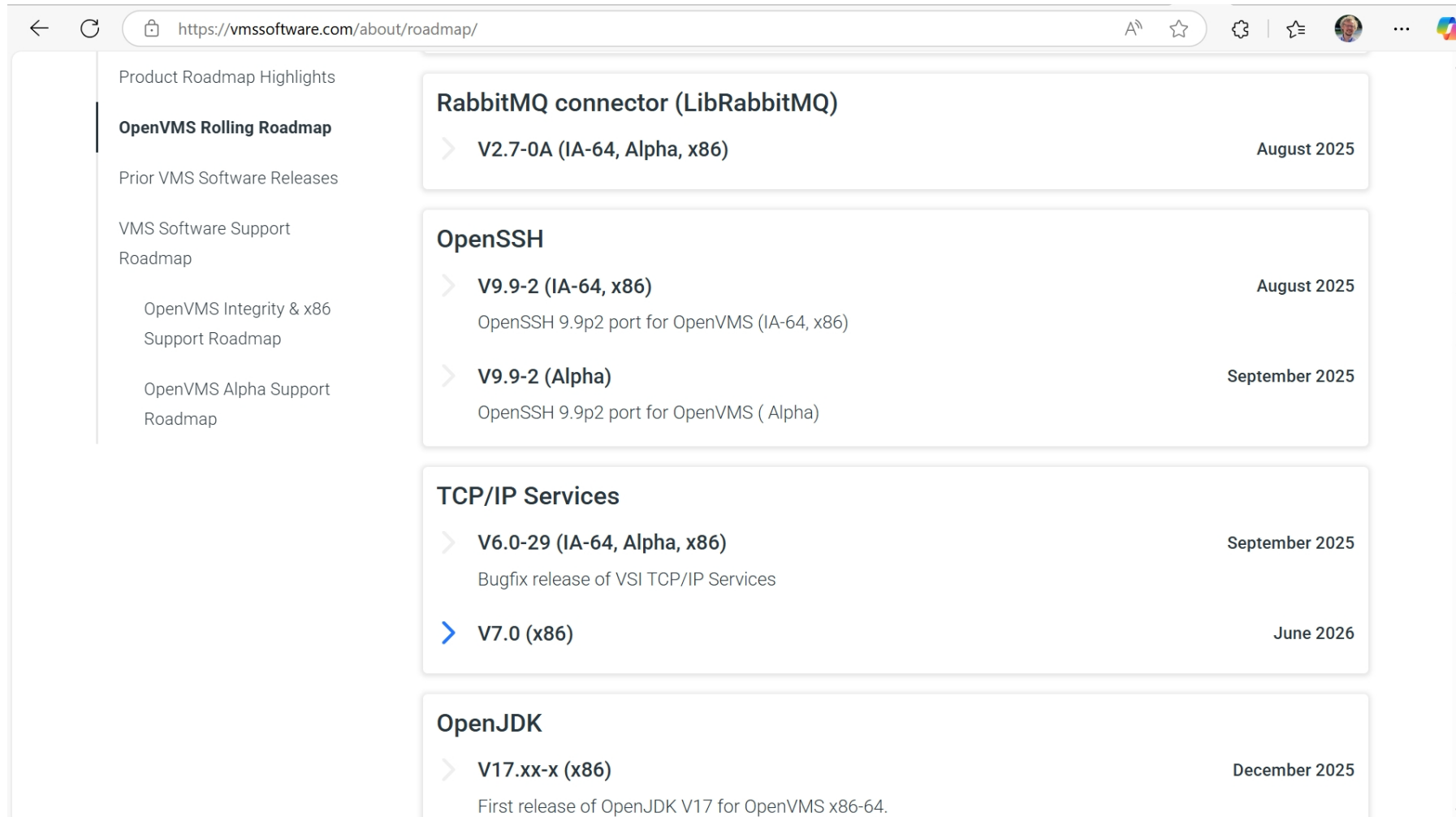
Resources

- products.vmssoftware.com/alpha
- vmssoftware.com/about/roadmap
- Free Upgrade Analysis
- Evaluation Licenses
- sales@vmssoftware.com

Roadmap



Roadmap



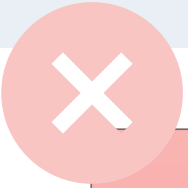
The screenshot shows a web browser at the URL <https://vmssoftware.com/about/roadmap/>. The page features a left-hand navigation menu with the following items: "Product Roadmap Highlights", "OpenVMS Rolling Roadmap" (which is the active section), "Prior VMS Software Releases", "VMS Software Support Roadmap", "OpenVMS Integrity & x86 Support Roadmap", and "OpenVMS Alpha Support Roadmap". The main content area displays a list of upcoming releases for various software components, each in a separate box. The components and their release details are as follows:

Component	Version	Platform	Release Date
RabbitMQ connector (LibRabbitMQ)	V2.7-0A	IA-64, Alpha, x86	August 2025
OpenSSH	V9.9-2	IA-64, x86	August 2025
	OpenSSH 9.9p2 port for OpenVMS (IA-64, x86)		
	V9.9-2	Alpha	September 2025
OpenSSH 9.9p2 port for OpenVMS (Alpha)			
TCP/IP Services	V6.0-29	IA-64, Alpha, x86	September 2025
	Bugfix release of VSI TCP/IP Services		
	V7.0	x86	June 2026
OpenJDK	V17.xx-x	x86	December 2025
	First release of OpenJDK V17 for OpenVMS x86-64.		

Future for Alpha



Future for Alpha



- Java
- C++
- DECwindows Improvements
- Entropy engine



- C
- iSCSI
- NFSv4



- New version (ECO Rollup)
- Cluster Compatibility
- MFA
- SSHv10

Questions / Discussion / Wish List



Thanks!



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