



VMS Software

VSI VMS/XDE E2026.02 Beta

Release Notes

Publication Date: February 2026

1. Introduction

VSI is pleased to introduce VMS Cross-Development Environment (VMS/XDE) E2026.02. For detailed information about the product, refer to [VSI VMS/XDE Installation and Configuration Guide](#).

2. Fixes and Improvements

In VMS/XDE E2026.02:

- Several minor stability issues have been fixed.
- The trial period for the current demo version of VMS/XDE has been extended until March 31, 2026.

In VMS/XDE E2026.01:

- Compatibility with the native OpenVMS timers subsystem has been improved (bug report case 2120).
- Compatibility with the native OpenVMS global sections subsystem has been improved (bug report case 2057).
- Previously, if a subprocess created by the DCL command **SPAWN** crashed, VMS/XDE would also crash. This issue has been fixed in this release (bug report case 2295).
- The attributes of the file SYSUAF.TEMPLATE are now set correctly after VMS/XDE installation (bug report case 2297).
- Fatal error messages are now reported to the host OS console STDERR stream (bug report case 2310).
- The issue with the delayed DCL output after exiting from the DEBUGGER utility has been fixed (bug report case 2312).
- Previously, if a process with the initialized Common Event Flags subsystem crashed, VMS/XDE would also crash. This issue has been fixed in this release (bug report case 2319).
- A bug that was causing VMS/XDE to crash upon executing the DCL command **SET MESSAGE** has been fixed (bug report case 2322).
- The previously missing logical name LNM\$DT_FORMAT_TABLE has been added (bug report case 2323).
- An issue that was causing the FMS editor to crash upon exiting has been fixed (bug report case 1316).
- An issue with the incorrect reporting of the host OS storage read/write errors has been fixed (bug report case 2264).
- The behavior of DKC volumes has been improved to correctly handle files with no extension (bug report case 2314). For additional information, refer to [Section 3: "Known Issues and Limitations"](#).
- Newly created files now inherit the default process protection mode (bug report case 2289).
- VMS/XDE now supports the OpenVMS file security commands (bug report case 2289).

- An OpenVMS file created from an existing host system file now inherits the permissions of the host system file (bug report case 2298).
- An issue with the incorrect counting of AST quotas has been fixed (bug report case 2327).

In VMS/XDE E2025.11:

- Running VMS/XDE using the host OS root account has been disallowed (bug report case 2296).
- A bug that was causing VMS/XDE to crash when running the DCL command **MCR SYSMAN IO AUTO** has been fixed (bug report case 2286).
- A bug that was causing the access violation exception when invoking the command **SHOW DEVICES *disk-name*/FILES** for a disk without opened files has been fixed (bug report case 2280).
- VMS/XDE is now more stable when used on NTFS with WSL2 (bug report case 2287).
- A bug that was causing VMS/XDE to crash when getting attributes of a file for which the user does not have permissions has been fixed (bug report case 2291).
- Incorrect output of the SDA command **SHOW SUMMARY** has been fixed (bug report case 2291).
- System requirements have been revised and lowered (bug report case 2281).
- The TCP/IP routine GETADDRINFO now returns the correct information for IPv6 addresses (bug report case 2294).
- A system requirements check has been added to the installation procedure (bug report case 2282). The check validates the following:
 - Support for extended attributes
 - GLIBC/GLIBCXX version
 - Kernel version
 - Existing VMS/XDE installations on the current system
 - Whether the installation is attempted from a root account
- Added the missing DKC1 device to the full installation package.

In VMS/XDE E2025.10.1:

- Multithread stability fixes:
 - A bug that was causing VMS/XDE to hang when creating a new process has been fixed.
 - A bug that was causing VMS/XDE to hang when running multithread applications (such as JAVA) has been fixed.
- Terminal interaction fixes:
 - A bug that was causing the terminal window to hang on image rundown has been fixed.

- A bug that was causing the terminal window to lag when running multiple subprocesses has been fixed.
- Storage devices fix:

The **SHOW DEVICE DISK /FULL** command now displays the following additional information: storage size, volume size, free space, and file limit.
- Memory information fix:

The **SHOW MEMORY** command now correctly displays the amount of permanently allocated physical memory.
- Interprocess communication fix:

Using the Module Management System (MMS) utility or the DCL command **PIPE** no longer causes VMS/XDE to hang.
- Network driver fix:

An issue with the support of Network-related \$QIO functions has been fixed, and using the SCP or FTP protocols no longer causes VMS/XDE to hang.
- Process termination stability has been improved.
- An interactive package installer has been added.
- Several minor internal fixes and improvements have been implemented.
- Documentation has been improved.

3. Known Issues and Limitations

The current version of VMS/XDE has the following issues and limitations:

- OpenVMS files that have the character string `^.` in the name and no extension will be assigned an extension consisting of the characters following the last `^.` string in the name. For example, if you create a file and name it `FILE^.NAME`, it will be assigned the extension `.NAME` and stored on the host file system as `FILE.NAME`.
- None of the OpenVMS TCP/IP utilities are expected to work at this time. The standard OpenVMS TCPI/IP configuration process is not supported and not required. Any relevant TCP/IP configuration will be pulled from the host system.
- SYSGEN utility can only be used to display system parameter values. Using this utility to change any parameter values may render your system unusable.
- SYSMAN utility is not supported.
- File creation, modification, and access times are based on the host file system.
- VMS/XDE timezone configuration is set automatically based on the host system timezone settings. Configuring VMS/XDE timezone manually is *strictly* prohibited.

Do not edit or otherwise create new versions of the file `STS$TIMEZONE_SRC.DAT`.

Do not run the UTC\$TIME_SETUP.COM, UTC\$CONFIGURE_TDF.COM, UTC\$TIMEZONE_SETUP.COM, or DTSS\$INSTALL_TIMEZONE_RULE.COM command procedures.

- VMS/XDE cannot be installed or run by a root user or a user from the root group.
- The name, user ID, and group ID of the current VMS/XDE user must match those of the current host system user.
- VSI does not guarantee the correct functioning of VMS/XDE when it is installed directly on NTFS-based partitions or if NTFS-based partitions are used for the DKA0 or DKA1 storage devices.
- Symbolic links are not supported.
- The BACKUP.EXE utility cannot create physical backups.
- The SYS\$IPC system service does not work with user buffers in the P2 address space.
- The PTHREAD\$RTL and TCPIP\$IPC_SHR libraries are not fully supported.
- DECwindows subsystem is supported with limitations.
- Stack size is limited to 2048 KB for the main thread and 1024 KB for pthreads.
- SDA and DEBUGGER utilities are supported with limitations.
- DELTA and XDELTA debuggers are not supported.
- Process and system quotas are supported with limitations.
- The **LIBRARIAN/DATA=EXPAND/OBJ** command is not supported on DKC x storage devices.
- OpenSSH only supports client applications.

4. Trial Period Limitations

The trial period for the current demo version of VMS/XDE will end on March 31, 2026. For more information, refer to [VMS Software EULA](#).