precisely

EngageOne Vault

Version 2021.1.2

Release Update

EngageOne Vault 2021.1.2 provides enhancements, and fixes to known issues. Note that EngageOne Vault runs on Windows and Linux operating systems only.

For the protection of our customers, Precisely does not disclose, discuss or confirm security issues. Keeping your software up to date is one of the most important things you can do to maintain your environment's security. Precisely strongly encourages customers to stay current by upgrading to the latest release for EngageOne Vault.

Contents:

Release content

Software and associated documentation is provided as a download. The products supplied to you from the downloaded release media will depend on the licenses you hold and you will only be able to install products for which you have a valid license keycode. If you believe that you have not received the correct material or keycodes please contact your product supplier. The features made available by this particular release are listed in **Changes in this release** on page 2.

The software distribution contain the Vault user guides in Portable Document Format (PDF). These guides are also available on the **EngageOne Vault Technical Support** website.

Changes in this release

Added support for Windows Server 2022

From this release Windows Server 2022 is added.

Security updates and bug fixes

Security findings in EngageOne Vault have been remediated.

Compatibility

The current versions of Vault and its clients are fully compatible with earlier versions except for Unicode indexes. Unicode indexes may require some processing to accommodate the updates to the sort order. For more information, see "Updating Unicode indexes" in the "Vault Customization Guide".

Documentation

The following manuals are available with this release.

These guides are provided in PDF format.

Documentation Set

Vault User Guide

For Vault, and Service. This guide provides information about the Vault document repository and step by step instructions for using the various Vault Service clients.

Vault Customizing Guide

This guide provides comprehensive information for establishing a Vault document repository and configuring the various clients to use it. This guide contains reference information required if you wish to customize the various components that make up the Vault modules.

Vault Installation Guide

This guide is intended for administrators responsible for installing Vault Server and Vault Service clients.

Vault Messages Reference Guide

This guide contains detailed information on common error messages encountered by Vault users. Each message contains a detailed description of the event and what action the user can take to attempt to remedy the issue.

Vault CMIS Connector Installation and Configuration

This guide provides introductory information about the Vault CMIS connector operation and installation.

Vault Programming Reference

This guide provides comprehensive information for interfacing with a Vault document repository from a client program.

Vault REST API for EngageOne Server Services Guide

This guide describes the The Vault REST API, which allows a web-based application service to access a Vault server using REST calls.

Customer Support

If you require any assistance, please contact our Support team - **Technical Support/Client Service Contacts**.

Fixed issues

Key	Summary
VAULT-1580	EngageOne Vault was not issuing warning or error notifications when large files over 2 GB were loaded. In some cases, this led to unpredicted behavior. **Resolution:** server.ini settings are available to ensure warning and error messages are issued. Depending on the configuration of these settings, processing will halt or continue with a warning message. Refer to the Server initialization file section of the EngageOne Vault Customization Guide for detailed information.
VAULT-1579	The REST and ODBC export differ in the way they handle non-existent fields. Where a field does not exist in Vault, the ODBC export will create the field and set it to 0. In contrast, the REST Export will create the field and set it to null. **Resolution:** The Advanced ADM configurations/Mapping non-existent fields section in the EngageOne Vault Customization Guide now details how to make configuration changes to ensure The REST and ODBC export handle non-existent in the same way.

Fixed issues in previous release

Key	Summary
VAULT-1480	An issue was observed in the Vault REST export when blank fields (or fields containing a space) were present in the journal file. These fields were not exported, and caused the export to fail for these records. In this scenario, other fields could be imported into the wrong columns. Depending on database columns

Key	Summary
	definition, the export may fail, which could lead to incorrect data written to the database.
	Resolution: A new `ExportBlankFields` profile.ini setting is available for use to cater for blank fields for Vault REST export processing. The default value is 0 - does not cater for blank values, or to allow blank values set this value to 1.
VAULT-1326	This issue occurred when rendering AFP output containing bar charts; the invisible line type was not supported, this led to bars with visible borders despite being defined as invisible.
	Resolution: The underlying code related to line rendering has been modified to correctly process the invisible line type.
VAULT-1288	Incorrectly rendering DJDELINE format documents.
	Resolution: The underlying code related to DJDELINE rendering has been modified to resolve this issue.
VAULT-1266	This issue relates to the incorrect time-stamping of documents migrated to AWS storage. The time-stamp was set to the migration date/time rather than the correct date associated with the document.
	Resolution: The underlying code has been updated to ensure correct time-stamping is applied.
VAULT-1147	Incorrect spacing between text and its associated underlining was observed when processing AFP output.
	Resolution: A new profiles.ini setting is available: `AFP_FontUnderscoreGap`. This setting allows you to specify in pixels the gap between text and its underlining.
VAULT-1146	This issue was occasionally observed when downloading large files from AWS S3. In this scenario, file transmission issues may be encountered.
	Resolution: The underlying code has been updated to fix this issue. Specifically, disk caching for AWS S3 file download is now enabled to ensure smooth download processing.
VAULT-1185	The user log in status checking was not synchronized correctly, this would in occasionally flag a 91599 error in the e2Serverd log.
	Resolution: The underlying code that controls the log in status has been modified to resolve this issue.
VAULT-1151	This issue was observed when mirroring operations under Linux where File Handles are opened during mirroring on Linux
	Resolution: During mirroring operations on Linux, the Vault Server opened file handles without closing them on completion of mirroring, this caused the maximum

Key	Summary
	number of opened file handles to be exceeded. The underlying code has been updated to close file handles after successful mirroring operations.
VAULT-920	In certain circumstances the incorrect customer record was displayed to the customer. **Resolution:** The request now reads the unique memory address rather than the common memory address.
VAULT-708	Vault 7.6 AWS S3 storage FwdonIndex and removing issues **Resolution:** the code responsible for forward journal functionality on index and unindex when S3 storage is used has been updated to resolve this issue.
VAULT-589	The Mobile Vault CD fails to build. The error raised identifies an unrecognized Z tag. **Resolution:** The missing parameter Z is now available, allowing the Mobile Vault CD to build successfully.
VAULT-386	This issue occurs when rendering PDF, underlining of text is not occurring where expected if text is placed on an object with a different color than the background, e.g., a text box that is not white. **Resolution:** Underlining is now visible where expected.
VAULT-387	The render engine aborts when a resource file contains inconsistent objects. **Resolution:** Validation of the resource file content has been added to prevent the render engine from aborting. Inconsistent resource associations are now logged.
VAULT-551	AFP documents are not displayed correctly in the Render clien when: • viewed as GIF or PNG and, • after a non-breaking space is encountered. **Resolution:** the underlying code has been updated to fix this issue.
VAULT-579	Barcodes were not appearing correctly in Service Client. A regression issue in GhostScript was causing incorrect presentation in Postscript documents. **Resolution:** Postscript documents containing barcodes are now rendered correctly.
VAULT-516	TLE indexing issues related to TLE tables with a large number of entries. **Resolution:** Enhancements to the TLE indexing process have been made to allow a larger number of TLE table entries.

Key	Summary
VAULT-545	A regression issue was found in GhostScript, resulting in a performance impact when rendering Postscript documents.
	Resolution: This release sees GhostScript upgraded to versions to 9.27.

Release lifecycle

Release Version		Level of Support
EngageOne Vault 2021.1	GA	Investigate, Troubleshoot issues, Provide workarounds, Regular patches, Vulnerability updates.
EngageOne Vault 7.6.2	GA - 1	Investigate, Troubleshoot issues, Critical security issue patches. Provide workarounds for non-critical issues.
EngageOne Vault 7.6.1	GA - 2	Troubleshoot issues, Investigate, Workarounds.
EngageOne Vault 7.6.0	All releases GA-3 and below	Knowledge base support only.

Advance retirement notices

Windows Server 2012 R2

Support for Windows Server 2012 R2 will be withdrawn in the 2023 time frame.

Added support

From EngageOne Vault 2021.1

EngageOne Vault has been certified on the following additional host operating system levels;

• Windows Server 2022

From EngageOne Vault 2021.1

EngageOne Vault has been certified on the following additional host operating system levels;

• Redhat/Centos 8.2+
• SUSE Linux Enterprise Server 12+ (64-bit)
• AWS Linux 2
• Oracle Linux 7.6
• Windows 10
• Windows Server 2019

Refer to the EngageOne Vault Installation Guide for detailed information.

Withdrawn support

From EngageOne Vault 2021.1.1

From this release support for the JBoss application server is withdrawn.

From EngageOne Vault 2021.1

Support for the following platforms was withdrawn:

• Microsoft Windows Server 2012
• Microsoft Windows Server 2008 R2 Service Pack 1
• Microsoft Windows Server 2008 Service Pack 2
• Microsoft Windows 8
• Microsoft Windows 7 Service Pack 1

From EngageOne Vault 7.6

Support for the Solaris operating system was withdrawn.

Restrictions

AFP

EngageOne Vault only supports the inclusion of page segments (object type 0x5F) and IOCA images (object type 0xFB) via the IOB (include object).

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