



# EngageOne Vault

Version 2021.1

## Release Notes

EngageOne Vault 2021.1 provides new features, 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.

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# 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 3.

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

## *Project library changes*

Library	Summary
okhttp and logging-interceptor	from 2.7.5 to 4.9.0
Ghostscript	from 9.27 to 9.53.3
Xerces	from 3.1.4 to 3.2.3
OpenSSL	from 1.1.1g to 1.1.1h
Curl	from 7.75.0 to 7.67.0
ICU	from 52.1 to 68.1
Apache CXF	from 3.3.4 to 3.4.2

## *Java compatibility*

This release adds compatibility to Vault APIs for Java 12 (OpenJDK).

## *AFP to PDF optimization*

A new `NoUnicodeMapping` setting has been added to `ProfileName`. This setting allows you to enable/disable PDF bitmap font optimization.

## *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

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### **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.

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### **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.

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### **Vault Installation Guide**

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

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### **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.

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### **Vault CMIS Connector Installation and Configuration**

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

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### **Vault Programming Reference**

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

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### **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.

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# Support

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

# 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, Provide workarounds, Regular patches for critical (Severity 1 issues).
EngageOne Vault 7.6.1	GA - 2	Phone & Best Effort Support. Will provide workarounds for non-critical issues
EngageOne Vault 7.6.0	GA - 3	Phone, Knowledge Base & Best Effort Support only
EngageOne Vault 7.5.2	GA – 4 and below	Phone, Knowledge Base & Best Effort only

## Added support

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 this release of EngageOne Vault, support for the following platforms has been 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

# 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).



## Fixed issues

Key	Summary
VAULT-1326	<p>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.</p> <p><b>Resolution:</b> The underlying code related to line rendering has been modified to correctly process the invisible line type.</p>
VAULT-1288	<p>Incorrectly rendering DJDELINE format documents.</p> <p><b>Resolution:</b> The underlying code related to DJDELINE rendering has been modified to resolve this issue.</p>
VAULT-1266	<p>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.</p> <p><b>Resolution:</b> The underlying code has been updated to ensure correct time-stamping is applied.</p>
VAULT-1147	<p>Incorrect spacing between text and its associated underlining was observed when processing AFP output.</p> <p><b>Resolution:</b> A new profiles.ini setting is available: <code>AFP_FontUnderscoreGap</code>. This setting allows you to specify in pixels the gap between text and its underlining.</p>
VAULT-1146	<p>This issue was occasionally observed when downloading large files from AWS S3. In this scenario, file transmission issues may be encountered.</p> <p><b>Resolution:</b> 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.</p>
VAULT-1185	<p>The user log in status checking was not synchronized correctly, this would in occasionally flag a 91599 error in the e2Serverd log.</p> <p><b>Resolution:</b> The underlying code that controls the log in status has been modified to resolve this issue.</p>
VAULT-1151	<p>This issue was observed when mirroring operations under Linux where File Handles are opened during mirroring on Linux</p> <p><b>Resolution:</b> During mirroring operations on Linux, the Vault Server opened file handles without closing them on completion of mirroring, this caused the maximum</p>

Key	Summary
	number of opened file handles to be exceeded. The underlying code has been updated to close file handles after successful mirroring operations.

### Issues fixed in previous releases

Key	Summary
<b>VAULT-920</b>	In certain circumstances the incorrect customer record was displayed to the customer. <b>Resolution:</b> The request now reads the unique memory address rather than the common memory address.
<b>VAULT-708</b>	Vault 7.6 AWS S3 storage FwdonIndex and removing issues <b>Resolution:</b> the code responsible for forward journal functionality on index and unindex when S3 storage is used has been updated to resolve this issue.
<b>VAULT-589</b>	The Mobile Vault CD fails to build. The error raised identifies an unrecognized Z tag. <b>Resolution:</b> The missing parameter Z is now available, allowing the Mobile Vault CD to build successfully.
<b>VAULT-386</b>	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. <b>Resolution:</b> Underlining is now visible where expected.
<b>VAULT-387</b>	The render engine aborts when a resource file contains inconsistent objects. <b>Resolution:</b> Validation of the resource file content has been added to prevent the render engine from aborting. Inconsistent resource associations are now logged.
<b>VAULT-551</b>	AFP documents are not displayed correctly in the Render client when: <ul style="list-style-type: none"> <li>• viewed as GIF or PNG and,</li> <li>• after a non-breaking space is encountered.</li> </ul> <b>Resolution:</b> the underlying code has been updated to fix this issue.
<b>VAULT-579</b>	Barcodes were not appearing correctly in Service Client. A regression issue in GhostScript was causing incorrect presentation in Postscript documents. <b>Resolution:</b> Postscript documents containing barcodes are now rendered correctly.

Key	Summary
<b>VAULT-516</b>	TLE indexing issues related to TLE tables with a large number of entries. <b>Resolution:</b> Enhancements to the TLE indexing process have been made to allow a larger number of TLE table entries.
<b>VAULT-545</b>	A regression issue was found in GhostScript, resulting in a performance impact when rendering Postscript documents. <b>Resolution:</b> This release sees GhostScript upgraded to versions to 9.27.

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Printed in the UK.



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