



Customer Engagement

EngageOne[®] Vault

Version 7.5 Service Pack 1

Release Notes



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1 - About this release

Vault is part of the EngageOne Suite and this release of Vault 7.5 Service Pack 1 provides new features, enhancements and fixes to known issues.

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Release content

The features made available by this particular release are listed in [New features and enhancements](#) on page 7.

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.

The products supplied to you will depend on the Vault licenses you hold. Additionally, 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 Vault supplier.

The functions and features available with all Vault software are controlled by an XML license file. Your XML license file information will be supplied to you (separately from other release material), typically as an email attachment.

You will be required to supply your license details as part of the various installation processes. Should you experience any difficulties with your license file, please contact your Vault supplier.

Compatibility

Vault

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.

Terminology

The term **Windows** is used to mean any version of Microsoft **Windows** operating system which Vault supports. Please see the "Vault Installation Guide" for more information.

Conventions used in this document

[]	Optional parameters (The square brackets are not typed in). For example, [-x]
monospaced	Text or code you manually type in. For example, <code>lsattr -E -l rmt0</code>

2 - New features and enhancements

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Enhanced flow between render and server

The flow between the Rendering Engine and Vault Server has been improved to allow for multiple page fetching for: AFP, PS, PDF, collections, raw, stream, tiff, tiff_g4, text, decode, reprint. The flow of pages is based on a requested upper page count and a maximum buffer size. The server fetches extra pages and render currently knows how to handle multiple pages returned from the server. This is useful performance improvement for all customers.

A new request- `storage.bulkfilepages` has been used and replaces `storage.filepage`. Requested parameters are validated for this request, to ensure appropriate parameters are used by this request in applications based on Vault APIs.

`Filter.storage.bulkfilepages` is a new cache filter. This filter can be set to 1 in the `[cache1]` section of the `server.ini` file. When set to 1, the raw bulk file pages data from a compressed file is not cached.

Enhanced PDF from AFP using the legacy bitmap character mode

Rendering PDF from AFP using legacy bitmap characters has been improved in this release by using a single bitmap for all uses of the same character/font rather than a separate entry for each bitmap character.

Depending on the amount of text, this can represent a significant PDF size reduction, especially for larger PDF files.

For each bitmap character a separate XObject Image is created after each page. A separate XObject cache is used and cleared once each page is rendered.

Changes in behavior and fixed issues

Changes in behavior

Fixed issues

Fixed Issue	Description
VAULT-110	<p>In certain circumstances, some jobs, for example large collection jobs will complete successfully but log negative values for total reads and writes.</p> <p>Resolution: The code that deals with the logging of reads and writes has been updated to eliminate this issue.</p>
VAULT-172	<p>In some cases an indexer full flush operation is time consuming enough to cause the e2serverd instance to go into offline mode.</p> <p>Resolution: A new indexer option (<code>ScheduledFlush</code>) has been added that can be configured to control the full flush activity. Refer to the Vault Customization Guide for detailed information.</p>
VAULT-122	<p>Prior to this release, the <code>MaximumPageSize</code> required setting for Postscript jobs.</p> <p>Resolution: Updates have been made to ensure that the <code>MaximumPageSize</code> setting is no longer required when processing PostScript jobs.</p>
VAULT-180	<p>This issue was observed when a long value was stored in an index field.</p> <p>Resolution: Additional processing now ensures that a common length of the base or subkey is calculated to eliminate this problem.</p>
VAULT-133	<p>This issue occurred during PDF compression where the loader service or the e2util tool may run into memory usage problems.</p> <p>Resolution: In this release a memory optimization fix was applied to the PDF compression process.</p>
VAULT-194	<p>The indexer fails to start correctly when the <code>indexerd</code> option <code>OSCACHE</code> is set to 1.</p> <p>Resolution: Updates have been made to ensure that the indexer starts correctly in this scenario.</p>
VAULT-115	<p>This item relates to security improvements for Vault web service components.</p>
VAULT-246	<p>Vulnerability in Ghostscript was fixed by upgrading to version 9.25.</p>

Errata

- The desktop client will not correctly decrypt a PDF file if the PDF password is encrypted using the Vault password encryption model.

3 - End of life

In this section

Solaris

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Solaris

EngageOne Vault Release 7.5 is the last release to support the Solaris operating system.

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