

# Enterprise Vault™ Compatibility Charts

11.0

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For the latest edition, see [https://www.veritas.com/support/en\\_US/doc/128058600-128865835-0](https://www.veritas.com/support/en_US/doc/128058600-128865835-0)

**VERITAS™**

# Enterprise Vault™: Compatibility Charts

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# About this guide

This chapter includes the following topics:

- [Introduction](#)
- [End of support policy for Veritas software](#)
- [Enterprise Vault and Microsoft products](#)
- [Original releases and service packs](#)
- [Key](#)

## Introduction

The *Compatibility Charts* provide information about the compatibility of Enterprise Vault, Compliance Accelerator, and Discovery Accelerator 11.0 and 12.

To obtain the *Compatibility Charts* for older versions of Enterprise Vault, click the following links:

- [Enterprise Vault 10.0](#)
- [Enterprise Vault 9.0](#)
- [Enterprise Vault 8.0](#)
- [Enterprise Vault 7.0](#)
- [Enterprise Vault 6.0](#)

## End of support policy for Veritas software

Note that Enterprise Vault 11.0.x reached its End of Support Life on February 1, 2019. For details, see the following article on the Veritas Support website:

<https://www.veritas.com/docs/100038896>

Information about Enterprise Vault 11.0.x will not be included in future editions of this guide, but this edition will be available for reference.

For information about the end of life policy for Veritas software, see:

- [Veritas End of Life Policy](#)
- [Veritas Product End of Life](#)

## Enterprise Vault and Microsoft products

Veritas is committed to ensuring that Enterprise Vault works effectively with the various products found in a typical Microsoft collaboration environment. We are committed to ensuring that Enterprise Vault adds value to the latest releases from Microsoft in the following product families:

- Exchange
- Office and Outlook
- Windows
- SQL Server
- SharePoint
- Skype for Business

To this end, we try to provide support for new releases from Microsoft in those areas within 90 days after the general availability of the releases from Microsoft. In some cases, support may take longer than this, but we try to meet this objective to provide our customers the best interoperability with Microsoft products.

Microsoft update rollups and hotfixes are supported unless otherwise stated.

## Original releases and service packs

Where a table shows a specific version of Enterprise Vault, for example 11.0, support is on Enterprise Vault 11.0 OR and all its service packs unless stated otherwise. For example, in the table in the "Windows email clients" section, Outlook 2013 OR is supported by all versions of Enterprise Vault 11.0 and 12.

See "[Windows email clients](#)" on page 49.

We implicitly support all minor releases and cumulative updates (CUs) unless stated otherwise. For example, if we support version X.Y we implicitly also support version X.Y.n. This support assumes that only minor changes such as defect fixes are included in these releases. When there are more significant changes in functionality,

we reserve the right to explicitly remove our support if these changes affect the product's integration with Enterprise Vault.

## Key

The values in the tables in this guide have the following meanings.

CU	Cumulative Update.
OR	Original Release.
OSR	OEM Service Release.
SP	Service Pack.
Y	Use of the combination of products is supported.
N	Use of the combination of products is not supported.
P	Pending. Use of the combination of products is not currently supported. Following testing, this value will change to Y or N.

# Enterprise Vault core dependencies

This chapter includes the following topics:

- [Introduction](#)
- [Operating system](#)
- [Standalone Enterprise Vault Administration Console](#)
- [Enterprise Vault API Runtime](#)
- [Enterprise Vault Server support for Add-Ins](#)
- [Domain and forest functional levels](#)
- [Microsoft SQL Server](#)
- [.NET Framework](#)
- [Microsoft Forefront TMG](#)
- [Microsoft Outlook on the Enterprise Vault server](#)
- [Microsoft Management Console \(MMC\)](#)
- [Web browsers](#)
- [Server virtualization](#)
- [Clustering](#)
- [Citrix](#)
- [Microsoft Operations Manager \(MOM\) and System Center Operations Manager \(SCOM\)](#)

- [Veritas backup agents for Enterprise Vault](#)
- [FIPS 140-2 compliance](#)
- [IPv6 support](#)

## Introduction

The core dependencies comprise the following:

- Enterprise Vault Server support for Enterprise Vault Add-Ins for email clients
- Features and services that Enterprise Vault needs to function

The dependencies listed are not the same as prerequisites, as not all features are needed in every installation of Enterprise Vault.

## Operating system

The following table shows the supported combinations of server operating system and the Enterprise Vault Server.

**Table 2-1** Operating system

Item	Version	Enterprise Vault	
		11.0	12
Windows Core Server	2008, 2012, 2016	N	N
Windows Small Business Server	2008, 2012	N	N
Windows Storage Server	2008, 2012, 2016	N	N
Windows Server 2008	All versions	N	N
Windows Server 2008 x64 edition (using WOW64)	SP1, SP2	N	N
	R2, R2 SP1	Y [1]	N
Windows Server 2008 x64 edition	All versions	N	N
Windows Server 2012	OR	Y [2,3]	Y [2,3,4]
	R2	Y [3]	Y [3,4]

**Table 2-1** Operating system (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Windows Server 2016	OR	N	Y [5,6]
Windows Server 2019	OR	N	Y [5,6]

- 1 If Windows Server 2008 R2 or R2 SP1 is installed on an Enterprise Vault 11.0.1 server, you must install the Microsoft hotfix [KB2698365](#).
- 2 Requires Microsoft hotfix [KB2878182](#).
- 3 Enterprise Vault Servers on Windows Server 2012 require additional configuration before you use Enterprise Vault Search. See [KB2803161](#).
- 4 If Windows Server 2012 OR or R2 is installed on an Enterprise Vault 12.3 or later server, you must install a Microsoft update rollup. See [KB2973337](#).
- 5 Requires Enterprise Vault 12.3 or later.
- 6 Enterprise Vault classification with the Microsoft File Classification Infrastructure is not supported.

## Standalone Enterprise Vault Administration Console

The following table shows the supported client operating systems for the standalone Enterprise Vault Administration Console, which runs on a separate computer from the Enterprise Vault server.

The standalone Enterprise Vault Administration Console version must be the same as the Enterprise Vault server.

**Table 2-2** Standalone Enterprise Vault Administration Console

Item	Version	Standalone Administration Console	
		11.0	12
Windows Vista	OR, SP1 or later	N	N
Windows 7	All versions	Y	Y [1,2,3]
Windows 8	OR	Y	Y [3]
Windows 8.1	OR	Y	Y [3]

**Table 2-2** Standalone Enterprise Vault Administration Console (*continued*)

Item	Version	Standalone Administration Console	
		11.0	12
Windows 10	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803, October 2018 Update 1809	Y [4]	Y

- 1 Requires the Microsoft hotfix [KB2640696](#) for Windows 7 OR.
- 2 Requires an [activation configuration file](#).
- 3 Enterprise Vault 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 4 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4.

## Enterprise Vault API Runtime

The following table shows the supported combinations of operating system and the Enterprise Vault API Runtime.

**Table 2-3** Enterprise Vault API Runtime

Item	Version	Enterprise Vault API Runtime	
		11.0	12
Windows Vista x86 and x64 editions	OR, SP1, SP2	N	N
Windows 7 x86 and x64 editions	OR, SP1	Y	Y [1]
Windows 8 x86 and x64 editions	OR	P	Y [1]
Windows 8.1 x86 and x64 editions	OR	Y [2]	Y [1]

**Table 2-3** Enterprise Vault API Runtime (*continued*)

Item	Version	Enterprise Vault API Runtime	
		11.0	12
Windows 10 x86 and x64 editions	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803	Y [3]	Y
	October 2018 Update 1809	P	P
Windows Server 2003, 2003 R2 x86 and x64 editions	OR, SP1	N	N
	SP2	N	N
Windows Server 2008 x86 and x64 editions	OR, SP1, SP2	N	N
Windows Server 2008 R2	OR, SP1	Y [4]	N
Windows Server 2012	OR	Y [5,6]	Y [1,5,6]
	R2	Y [2,6]	Y [1,6]
Windows Server 2016	OR	N	Y [7]
Windows Server 2019	OR	N	P

- 1** Enterprise Vault 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 2** Requires Enterprise Vault 11.0.1.
- 3** Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4.
- 4** If Windows Server 2008 R2 or R2 SP1 is installed on the Enterprise Vault 11.0.1 server, you must install the Microsoft hotfix [KB2698365](#).
- 5** Requires Microsoft hotfix [KB2878182](#).
- 6** Enterprise Vault Servers on a Windows Server 2012 require additional configuration before you use Enterprise Vault Search, see [KB2803161](#).
- 7** Requires Enterprise Vault 12.1 or later.

The following table shows the supported combinations of Enterprise Vault server and API Runtime.

**Table 2-4** Supported combinations of Enterprise Vault server and API Runtime

Item	Version	Enterprise Vault API Runtime	
		11.0	12
Enterprise Vault Server	11.0	Y	Y
	12	Y	Y

## Enterprise Vault Server support for Add-Ins

The following table shows the supported combinations of Enterprise Vault Server and Enterprise Vault Add-Ins for email clients.

**Table 2-5** Enterprise Vault Server support for Add-Ins

Item	Version	Enterprise Vault Server	
		11.0	12
Enterprise Vault Add-Ins	10.0	Y	N
	11.0	Y	Y
	12	Y	Y

## Domain and forest functional levels

Enterprise Vault supports all Active Directory (AD) and Active Directory Domain Services (AD DS) functional levels for the following:

- Windows Server 2008
- Windows Server 2008 R2
- Windows Server 2012
- Windows Server 2012 R2
- Windows Server 2016

# Microsoft SQL Server

**Note:** Enterprise Vault supports SQL databases only at their default compatibility levels. For more information about SQL database compatibility levels, see <http://msdn.microsoft.com/en-us/library/bb510680.aspx>.

**Table 2-6** Microsoft SQL Server

Item	Version	Enterprise Vault	
		11.0	12
SQL Server 2008, Enterprise and Standard	All versions	N	N
SQL Server 2008 x64 edition, Enterprise and Standard	OR, SP1, SP2, SP3, SP4	N	N
	R2, R2 SP1, R2 SP2, R2 SP3	Y	N
SQL Server 2012, Enterprise, Business Intelligence, and Standard	OR	N	N
SQL Server 2012 x64 edition, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2, SP3	Y [1,2]	Y [2,3]
	SP4	Y [1,2,4]	Y [2,3]
SQL Server 2014, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2, SP3	N	N
SQL Server 2014 x64 edition, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2	Y [1,2,4]	Y [2,3]
	SP3	P	P
SQL Server 2016 x64 edition, Enterprise and Standard	OR, SP1, SP2	N	Y [2,5]
SQL Server 2017 x64 edition, Enterprise and Standard	OR	N	Y [2,5,6]

**Table 2-6** Microsoft SQL Server (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
SQL Server 2017 on Linux	OR	N	N

- 1 AlwaysOn Availability Groups are not supported.
- 2 Enterprise Vault does not support certain double-byte supplementary characters in the U+10000 to U+10FFFF unicode range and does not support SQL collations that include the supplementary character (SC) flag.
- 3 AlwaysOn Availability Groups are not supported on SQL Server 2012 SP2 CU3, CU4, and 2014 CU5. If you already have these versions of SQL Server installed, see [KB3034679](#) for the hotfix.
- 4 Requires Enterprise Vault 11.0.1.
- 5 Requires Enterprise Vault 12.1 or later.
- 6 FSA Reporting is supported only with Enterprise Vault 12.3 or later.

## .NET Framework

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**Note:** The System Status display requires .NET Framework 3.5 SP1 to be installed on the computer that is running the Administration Console.

---

**Table 2-7** .NET Framework

Item	Version	Enterprise Vault	
		11.0	12
.NET Framework	2.0 SP2, 3.0, 3.0 SP1, 3.5	N	N
	3.5 SP1	Y [1]	Y [1]
	4.0	Y [1,2]	Y [1]
	4.5	Y [1,2]	Y [1]
	4.6	Y [2]	Y [2]
	4.7	Y [2]	Y [2]

- 1 Enterprise Vault 11.0.1 or later require .NET Framework 4.5.2 or later as well as .NET Framework 3.5 SP1.
- 2 Enterprise Vault requires .NET Framework 3.5 SP1 even if a later version is already installed.

## Microsoft Forefront TMG

Note that Microsoft Forefront TMG 2010 has reached end of life. See [Microsoft Lifecycle Policy](#) for more information.

**Table 2-8** Microsoft Forefront TMG

Item	Version	Enterprise Vault	
		11.0	12
Forefront TMG 2010 Standard and Enterprise editions	OR, SP1	Y	Y

# Microsoft Outlook on the Enterprise Vault server

**Table 2-9** Microsoft Outlook on the Enterprise Vault server

Item	Version	Enterprise Vault	
		11.0	12
Outlook 2003	OR, SP1	N	N
	SP2	Y [1,2]	N
	SP3	Y [1,2]	N
Outlook 2007 [3]	OR, SP1	N	N
	SP2	Y [4,5,6]	N
	SP3	Y [4,7,8]	N
Outlook 2010	OR, SP1, SP2	N	N
Outlook 2013 [9,10,11,12]	OR	N	N
	SP1	Y [13]	Y
Outlook 2016 [9,14,15,19]	OR	N	Y [16,17,18]
Outlook 2019	OR	P	P

- 1** Supports Exchange Server archiving of Exchange Server 2007 or older targets only.
- 2** Support is dropped for Outlook 2003 on Enterprise Vault 11.0.1.
- 3** See <https://www.veritas.com/docs/100001480>.
- 4** Set the registry entries described in the Microsoft Knowledge Base article [KB952295](#). The recommended registry value is 0xFFFFFFFF.
- 5** This is the minimum supported service pack of Outlook 2007 for Exchange Server archiving of Exchange Server 2010 targets. However, we recommend you install Outlook 2007 SP3.
- 6** Requires Microsoft hotfix [KB2475891](#).
- 7** To target Exchange Server 2013, you must install Outlook 2007 SP3 with update package KB2596598 or later update.
- 8** This is the minimum supported service pack of Outlook 2007 for Exchange Server archiving of Exchange Server 2013 targets.

- 9 Supports only 32-bit version of Outlook.
- 10 The use of Outlook 2013 on the Enterprise Vault server is not supported for Exchange Server 2003 targets.
- 11 To run Enterprise Vault archiving with MAPI over HTTP on Exchange Server 2013 SP1 or later service packs, see <https://www.veritas.com/docs/100040583>.
- 12 Click-to-Run version is not supported.
- 13 Requires Enterprise Vault 11.0.1.
- 14 Requires Enterprise Vault 12.2 or later.
- 15 Requires Microsoft hotfix [KB3191883](#).
- 16 Does not support Exchange Server 2010.
- 17 Supports only MAPI over HTTP on Exchange Server 2013 SP1 and Exchange Server 2016. Does not support Outlook Anywhere and RPC connection methods.
- 18 Public folder archiving requires Enterprise Vault 12.3 or later. Performance of public folder archiving is affected if Outlook 2016 is installed on the Enterprise Vault server.
- 19 Enterprise Vault 12.4 and later support Outlook 2016 Click-to-Run, 32-bit version.

## Microsoft Management Console (MMC)

Table 2-10 Microsoft Management Console (MMC)

Item	Version	Enterprise Vault	
		11.0	12
MMC	2.0	N	N
	3.0	Y	Y

## Web browsers

The following table shows web browser support for Enterprise Vault legacy web applications (that is, Archive Explorer, Browser Search, and Integrated Search), opening archived items in HTML view (View Original Item), and Enterprise Vault OWA Extensions for OWA 2010 and earlier. The browsers may be installed on any supported Windows operating system. Internet Explorer must be installed, even if a different browser is used.

For compatibility with Enterprise Vault Search, which was introduced in Enterprise Vault 11.0, see [About Enterprise Vault Search](#).

**Table 2-11** Web browsers

Item	Version	Enterprise Vault	
		11.0	12
Internet Explorer	7.0, 8.0	Y	N
	9.0, 10.0	Y [♣]	Y [♣]
	11.0	Y [♣]	Y [♣]
Edge	OR	N	N
Google Chrome	All versions	N	N
Mozilla Firefox	All versions	N	N
Safari	All versions	N	N

- ◆ Supported only in Compatibility View. For more information, see <https://www.veritas.com/docs/100031459>.

## Server virtualization

Enterprise Vault supports the use of all virtualization technologies that run supported versions of the Windows operating system.

When you deploy Enterprise Vault on virtual servers, you should consider the performance limitations of each virtualization platform relative to the information in the Enterprise Vault *Performance Guide*. See <https://www.veritas.com/docs/100000918>.

Enterprise Vault supports VMware High Availability, and the VMware vCenter Converter Standalone tool.

# Clustering

**Table 2-12** Clustering

Item	Version	Enterprise Vault	
		11.0	12
Microsoft Server clustering [1]	Windows Server 2008	N	N
	Windows Server 2008 R2, x64 edition (using WOW64), OR, SP1	Y [2]	N
	Windows Server 2012	Y [3,4]	Y [3,4,5]
	Windows Server 2012 R2	Y [4]	Y [4,5]
	Windows Server 2016	N	Y [6,7]
	Windows Server 2019	N	Y [6,7]
Veritas Cluster Server (VCS) [1,8,9]	5.1	N	N
	6.0, 6.0.1	Y	N
	6.0.2	Y [10]	N
	6.1	Y [10,11]	Y [10,11]
Veritas InfoScale Cluster Server (VCS) [1,8,9,14]	7.0	Y [10,11]	Y [10,11]
	7.1	Y [10,12]	Y [10,12]
	7.2	N	Y [10,12]
	7.3	N	Y [10,12,13]
	7.4	N	Y [6,10,12]

- 1 Active/passive clusters, in which one or more active nodes can fail over to a passive node, are supported. Active/active clusters are not supported.
- 2 If Windows Server 2008 R2 or R2 SP1 is installed on the Enterprise Vault 11.0.1 server, you must install the Microsoft hotfix [KB2698365](#).
- 3 Requires Microsoft hotfix [KB2878182](#).
- 4 Enterprise Vault Servers on a Windows Server 2012 require additional configuration before you use Enterprise Vault Search, see [KB2803161](#).

- 5 If you cluster Enterprise Vault 12.1 or earlier versions in a Windows Server failover cluster, you must deploy the 64-bit DLLs to all the nodes in the cluster. See <https://www.veritas.com/docs/100032928>.
- 6 Requires Enterprise Vault 12.3 or later.
- 7 Enterprise Vault classification with the Microsoft File Classification Infrastructure is not supported.
- 8 Enterprise Vault supports only non-secure clusters.
- 9 Excludes support for Enterprise Vault SCOM pack for clustering.
- 10 If a clustered MSMQ instance fails to come online, see <https://www.veritas.com/docs/100013300>.
- 11 VCS agent for MSMQ is supported only on Windows Server 2008 R2 and Windows Server 2012. You cannot configure MSMQ on systems running Windows Server 2012 R2.
- 12 See <https://www.veritas.com/docs/100040696>.
- 13 Requires Enterprise Vault 12.2 or later.
- 14 Select "Enterprise Vault Cluster Setup Wizard" from the Veritas InfoScale Solutions Configuration Center to configure the EV service group.

## Citrix

Veritas provides client support for Citrix-based thin client provisioning. This support is limited to the installation and use of the Enterprise Vault client for Outlook. Support for Vault Cache and Virtual Vault is included if the following criteria are satisfied:

- Vault Cache and Virtual Vault must be configured in header-only mode (no content caching).
- The network connecting the Citrix server and file server hosting the Vault Cache and Virtual Vault files must offer high speed and low latency.
- Servers must be Windows 2008 R2 or later.
- Outlook 2010 or later is required.
- Enterprise Vault Outlook Add-In 11.0, 11.0.1, 12 or later is required.

Veritas does not currently support any aspect of its Enterprise Vault server infrastructure provisioned via Citrix.

# Microsoft Operations Manager (MOM) and System Center Operations Manager (SCOM)

**Table 2-13** Microsoft Operations Manager (MOM) and System Center Operations Manager (SCOM)

Item	Version	Enterprise Vault	
		11.0	12
MOM	2005	N	N
SCOM	2007 OR	N	N
	2007 R2	Y [1,2]	N
	2012 OR	Y [2,3]	Y [4]
	2012 R2	Y [2]	Y
	2016	Y [5]	Y

- 1** Requires Cumulative Update 6 available from [KB2626076](#).
- 2** On the Enterprise Vault 11.0.1 server, the minimum version of SQL Server that you need to monitor database disk space through SCOM is SQL Server 2008 R2 SP1. The minimum version of SQL Server required for SCOM SMTP reports is SQL Server 2008.
- 3** Requires Cumulative Update 3 available from [KB2756127](#).
- 4** Requires SCOM 2012 SP1 or later.
- 5** Requires Enterprise Vault 11.0.1.

# Veritas backup agents for Enterprise Vault

**Table 2-14** Veritas backup agents for Enterprise Vault

Item	Version	Enterprise Vault	
		11.0	12
Veritas Backup Exec [1]	2012	N	N
	2014	Y [2]	P
	15	Y	Y [3,4,5]
	16	Y	Y [5,6,7]
	20	Y	Y [5,8]
Veritas NetBackup [9]	7.5	N	N
	7.6	Y [10]	N
	7.7	Y	N
	8.0	Y	Y [5,11]
	8.1	Y	Y [5,12,13,14]

- 1** Veritas Backup Exec does not support Enterprise Vault in an environment clustered using VCS.
- 2** Enterprise Vault 11.0.1 requires Backup Exec 2014 Service Pack 2 or later.
- 3** Requires Backup Exec 15 FP4 or later.
- 4** Enterprise Vault 12.1 or later is not supported.
- 5** AlwaysOn Availability Groups are not supported.
- 6** Enterprise Vault 12.2 is supported with Backup Exec 16 FP2 and later.
- 7** Enterprise Vault 12.3 is not supported.
- 8** Enterprise Vault 12.3 or later requires Backup Exec 20.1.
- 9** Veritas NetBackup Agent for Enterprise Vault does not support Enterprise Vault in an environment clustered using VCS. See <https://www.veritas.com/docs/100001149>.
- 10** Requires NetBackup 7.6.0.4 or later.
- 11** Enterprise Vault 12.2 or later is not supported.

- 12 Enterprise Vault 12.2 is supported with NetBackup 8.1 with Emergency Engineering Binary (EEB). See <https://www.veritas.com/docs/100040487>.
- 13 Enterprise Vault 12.3 or later requires NetBackup 8.1.1.
- 14 In Enterprise Vault 12.3 or later, multiple "smart" partitions can be open for archiving at the same time. However, the NetBackup Agent for Enterprise Vault can back up data from the most recently opened partition only. See <http://www.veritas.com/docs/100042794>.

## FIPS 140-2 compliance

Federal Information Processing Standards (FIPS) 140-2 is a standard for cryptographic modules in computer systems.

The table in this section shows the versions of Enterprise Vault, Compliance Accelerator, and Discovery Accelerator that are FIPS 140-2-compliant.

Where the Enterprise Vault documentation states that a version of Enterprise Vault is FIPS 140-2-compliant, it means that:

- Enterprise Vault uses FIPS 140-2-validated instances of algorithms and hashing functions in all instances where data is encrypted or hashed.
- Enterprise Vault manages cryptographic keys and message authentication in a secure manner, as required of FIPS 140-2-validated cryptographic modules.

Information about Enterprise Vault compliance with the FIPS 140-2 standard is available for Enterprise Vault [11.0](#) and [12](#).

**Table 2-15** FIPS 140-2 compliance

Item	Enterprise Vault	
	11.0	12
Enterprise Vault	Y	Y
Compliance Accelerator	Y	Y
Discovery Accelerator	Y	Y

## IPv6 support

General support for IPv6 was introduced in Enterprise Vault versions 9.0.3 and 10.0.1.

Note that SMTP archiving is supported in an IPv6 environment with the new version of Enterprise Vault SMTP Archiving in 11.0.1 and later. The legacy SMTP archiving is not supported in an IPv6 environment.

We recommend that you specify the hostname or the fully qualified domain name (FQDN) of the server as input.

For details about the Enterprise Vault IPv6 Support Matrix, see <https://www.veritas.com/docs/100043679>.

# Storage devices, appliances, and software

This chapter includes the following topics:

- [Introduction](#)
- [Storage devices: CIFS/SMB](#)
- [Storage devices: streamer API](#)
- [Dell EMC Centera and Atmos](#)
- [Storage software: NTFS](#)
- [Secondary storage devices](#)
- [Secondary storage software](#)

## Introduction

This chapter contains information about compatibility between Enterprise Vault and the storage products to which it can archive data.

Where appropriate, the tables in this chapter indicate the specific third-party product version that was tested with Enterprise Vault.

If there is a subsequent minor release that provides fixes without changing existing functionality, Veritas supports use of Enterprise Vault with that minor release unless stated otherwise.

Veritas supports archiving from Enterprise Vault to any high-performing disk storage that is:

- A directly attached or Storage Area Network (SAN) attached volume formatted as NTFS.

- Network Attached Storage (NAS) that is accessible over the CIFS/SMB protocol. For more information, see <https://www.veritas.com/docs/100038067>.
- Supported by an Enterprise Vault Storage Streamer API implementation.
- A Network File System (NFS) share. For more information, see <https://www.veritas.com/docs/100038223>.

Veritas does not support cloud storage (direct or via cloud storage gateways) as a primary storage location to store archived data. You can only use cloud storage as a secondary storage location to store data.

See “[Secondary storage devices](#)” on page 37.

## Storage devices: CIFS/SMB

The following table shows Enterprise Vault support for primary storage devices using access over the CIFS/SMB protocol.

**Table 3-1** Storage devices: CIFS/SMB

Item	Version	Enterprise Vault	
		11.0	12
Dell EMC Celerra	DART 5.5, 5.6.38 or later service pack	N	N
Dell EMC VNX Series [2]	OE for File 7.0.12 or later	Y [1,3]	N
	OE for File 7.1.47.5 or later	Y [1,3]	Y [1,3]
	OE for File 8.1	Y [1,3]	Y [1,3]
Dell EMC Unity OE [2]	4.2	P	Y [4]
	4.3	P	Y [4]
Dell EMC Data Domain [5]	DDOS 5.1, 5.2, 5.4, 5.5, 5.7 [6] or later	Y [1]	Y [1]
	DDOS 6.0, 6.1, 6.2	Y [1]	Y [1]
Dell EMC Isilon OneFS Scale Out Storage [7]	7.1, 7.2	Y [1]	Y [1]
	8.0, 8.1	Y [1]	Y [1]
Fujitsu ETERNUS	CS8000	P	Y [1,8]
Hitachi Content Platform	8.0 or later	N	Y [4]

**Table 3-1** Storage devices: CIFS/SMB (continued)

Item	Version	Enterprise Vault	
		11.0	12
HP StoreAll Storage	6.5, 6.6	Y [1]	P
HP X9000 Systems (IBRIX)	6.0, 6.1	N	N
HPE 3PAR	OS 3.3.x [9]	N	Y [10]
Huawei FusionStorage	V100R006 and later [11]	Y [1,12]	Y [1,12]
Huawei OceanStor	9000 [11]	Y [1,12]	Y [1,12]
	V3, V5	Y [1,12]	Y [1,12]
IBM N series running Data ONTAP	7.3 [13]	Y [1]	N
	8.0, 8.1 [13]	Y [1]	Y [1]
	8.2 [13,14,15]	Y [1]	Y [1]
iTernity Compliant Archive Solution	3.6 or later	Y [10]	Y [10]
NEC HYDRAsstor	3.1.2 or later service pack	P	P
NetApp ONTAP	7.3.n [13]	Y [1]	N
	8.0, 8.1 [13]	Y [1]	Y [1]
	8.2 [13,14,15]	Y [1]	Y [1]
	8.3 [13]	Y [4]	Y [4]
	9.0 [16]	Y [4]	Y [4]
	9.1, 9.2, 9.3, 9.4	Y [1]	Y [1]
Oracle Pillar Axiom	—	P	P
Oracle ZFS Storage Appliance	ZS3 and 7000 series	Y [4]	P
Quantum StorNext Appliances	5.3.1 or later [17]	Y [4]	Y [4]
Symantec Cluster File System	6.2 or later service pack	Y [4,18]	P

**Table 3-1** Storage devices: CIFS/SMB (continued)

Item	Version	Enterprise Vault	
		11.0	12
Veritas Access [19, 20]	7.2.1	Y [4]	Y [4]
	7.3, 7.4	Y [1]	Y [1]
Veritas Access 3340 Appliance [19, 20]	7.3.2	P	Y [1]
	7.4.2	P	Y [1]
Veritas InfoScale Storage (Cluster File System)	7.x	P	P

- 1 Both WORM and non-WORM features supported.
- 2 Select "Dell EMC Celerra Unified Storage Platforms" in the Enterprise Vault Administration Console while creating a partition.
- 3 The Enterprise Vault PST Locator task does not find PST files on a Dell EMC Celerra or VNX Series device.
- 4 Non-WORM only.
- 5 Partition rollover is not supported from this version onward.
- 6 Requires Enterprise Vault 12 or later.
- 7 See [Dell EMC Isilon share configuration for Enterprise Vault](#).
- 8 Requires specific device configuration. Contact the storage vendor at [storage-pm@ts.fujitsu.com](mailto:storage-pm@ts.fujitsu.com) for more information.
- 9 See [http://h20565.www2.hp.com/hpsc/doc/public/display?docId=a00021465en\\_us](http://h20565.www2.hp.com/hpsc/doc/public/display?docId=a00021465en_us).
- 10 WORM only.
- 11 See <http://support-open.huawei.com/ready/pages/user/compatibility/support-matrix.jsf>.
- 12 Requires specific device configuration. Contact the storage vendor for more information.
- 13 The Enterprise Vault PST Locator task will not find PST files on a MultiStore (vFiler) system. The PST Locator task will find PST files on a NearStore system that is running ONTAPI 1.4 or above.

- 14 Does not support collection and migration of files on primary partition on Clustered Data ONTAP.
- 15 Supports Data ONTAP 7-mode and Clustered Data ONTAP.
- 16 WORM is supported with ONTAP 9.0 P1 and later.
- 17 Quantum StorNext Appliances were formerly known as Quantum Artico.
- 18 For more information, see <https://www.veritas.com/product/software-defined-storage/infoscale-enterprise>.
- 19 See <https://www.veritas.com/docs/100040037>.
- 20 See <https://www.veritas.com/docs/100039174>.

## Storage devices: streamer API

The following table shows Enterprise Vault support for primary storage devices that use the Enterprise Vault Storage streamer API.

Contact the storage vendor to obtain the appropriate streamer software and any additional configuration documentation for your storage device, which you must install before you create the partition.

**Table 3-2** Storage devices: streamer API

Item	Version	Enterprise Vault	
		11.0	12
Caringo Swarm [1,2]	6.5 or later	Y [3]	N
	7.x or later	Y [4]	N
	9.x or later	P	Y
Cloudian HyperStore	7.0.6	N	P
Dell DX Object Storage platform	—	Y [1,3]	N
Dell EMC ECS (Elastic Cloud Storage) [5,6]	2.2	Y [7]	Y [7]
	3.0, 3.1, 3.2	Y [1,8]	Y [1]

**Table 3-2** Storage devices: streamer API (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Hitachi Content Platform [17]	6.n	Y [7,9]	P
	7.n [11]	Y [7]	Y [7]
	8.0.n [12]	Y [1]	Y [1]
	8.1 [12]	Y [1]	Y [1]
IBM Cloud Object Storage [13,14]	3.6	Y [15]	P
	3.8	P	Y [15]
	3.10.x	P	Y [15]
	3.12.x	P	Y [1]
NetApp StorageGRID [16]	9.n	N	N
Storiant	1.6 or later	P	P

- 1 Both WORM and non-WORM features supported.
- 2 Caringo CASTor is now Caringo Swarm. See [CASTor evolves to Caringo Swarm](#). However, all existing partitions created in Enterprise Vault are displayed as Caringo CASTor.
- 3 Enterprise Vault 11.0 OR is supported with Caringo Enterprise Vault Streamer (CEVS) version 1.2.
- 4 Enterprise Vault 11.0.1 is supported with Caringo Enterprise Vault Streamer (CEVS) version 1.3.
- 5 See <https://www.emc.com/collateral/white-papers/h15309-vertias-vault-emc-elastic-cloud-storage.pdf>.
- 6 See <https://www.veritas.com/docs/100038811>.
- 7 WORM only.
- 8 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 5 or later.
- 9 Requires streamer version 1.2.n, 1.3.n, or 1.4.n of the HCP Adapter for Veritas Enterprise Vault.
- 10 Non-WORM feature support is pending.
- 11 Requires streamer version 1.4.3.3 of the HCP Adapter for Veritas Enterprise Vault.

- 12 Requires streamer version 1.4.4.3 of the HCP Adapter for Veritas Enterprise Vault.
- 13 IBM Cloud Object Storage was formerly known as Cleversafe dsNet. Supported for on-premises private cloud storage use only.
- 14 See <http://ibm.biz/BdsaXB>.
- 15 Non-WORM supported.
- 16 Netapp StorageGRID now supports Enterprise Vault Simple Storage Service (S3) API storage migrator as a secondary storage (see [Migrating Data Using the Simple Storage Service \(S3\) API](#)).
- 17 See [Hitachi Content Platform Streamer Adapter for Veritas Enterprise Vault User Guide](#).

## Dell EMC Centera and Atmos

The following table shows Enterprise Vault support for Dell EMC Centera and Atmos for primary storage.

**Table 3-3** Dell EMC Centera and Atmos

Item	Enterprise Vault	
	11.0	12
Dell EMC Centera	Y	Y
Dell EMC Atmos	Y	Y

For more information about configuring Dell EMC Atmos for use with Enterprise Vault, see the following article on the Dell EMC website (requires registration):

[http://support.emc.com/docu43369\\_White-paper:-Configuring-Applications-to-Access-Atmos-via-CAS.pdf](http://support.emc.com/docu43369_White-paper:-Configuring-Applications-to-Access-Atmos-via-CAS.pdf)

## Dell EMC Centera SDK, CentraStar, and Atmos

The following table shows which version of the Dell EMC Centera SDK is supplied with each Enterprise Vault version, and the CentraStar and Atmos releases against which testing was performed.

In the **CentraStar version** and **Atmos version** columns in the tables, *n* represents any minor version number. For example, 4.0.*n* indicates that versions 4.0.0-2153-929-20439 and 4.0.1-2711-955-20523 are supported.

Notes:

- If you are planning to upgrade Enterprise Vault, check with Dell EMC that the version of CentraStar/Atmos you are using is supported by that SDK is supplied with the upgraded version of Enterprise Vault.
- For optimum performance, and to ensure adoption of Dell EMC Centera best practices, Veritas recommends using the Centera in CPM mode. Enterprise Vault is pre-configured for Centera with all best practice settings.

**Table 3-4** Dell EMC Centera SDK, CentraStar, and Atmos

Enterprise Vault version	Centera SDK version (build number)	CentraStar version	Atmos version
11.0, 11.0.1	3.3 (3.3.718)	3.1.n, 4.0.n, 4.1.n, 4.2.n, 4.3.n	2.1.n [1,2], 2.2.n [2], 2.4.n [2]
12, 12.1, 12.2, 12.3	3.3 (3.3.718)	3.1.n, 4.0.n, 4.1.n, 4.2.n, 4.3.n	2.1.n [1,2], 2.2.n [2], 2.4.n [2]

- 1 If you are running Atmos version 2.1.0.n, hotfix 357 is required. Contact Dell EMC for more information.
- 2 Device level sharing is no longer supported by Dell EMC from Atmos version 2.1.5.

## Storage software: NTFS

The storage software listed below shows Enterprise Vault support for primary and secondary partitions storing data on Windows file systems that are accessible over NTFS or CIFS/SMB.

**Table 3-5** Storage software: NTFS

Item	Version	Enterprise Vault	
		11.0	12
Windows NTFS [♦]	Windows Server 2008	Y	N
	Windows Server 2012	Y	Y
	Windows Server 2016	N	Y
	Windows Server 2019	N	P

**Table 3-5** Storage software: NTFS (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Windows Storage Server	—	Y	Y

- ◆ A standard NTFS file system mounted on fast access media (such as SAN, NAS, or DAS) is an acceptable platform for Enterprise Vault, offering speed, scalability, and security. Some vendors offer an NTFS front-end to other media (such as offline or WORM). Enterprise Vault should work with such systems, but care should be taken of their specific characteristics, such as slower access speeds. It is recommended that the index data is not placed on such alternate media, even though it is NTFS-based.

## Secondary storage devices

The secondary storage devices in the table below require migration of data contained in Enterprise Vault collection files. For more information about migrating Enterprise Vault data to these secondary storage devices, see the technical notes referred to in the table footnotes.

**Table 3-6** Secondary storage devices

Item	Enterprise Vault	
	11.0	12
Amazon Simple Storage Service [1]	Y [2]	Y
AT&T Synaptic Storage [3]	Y [2]	Y [20]
Cloudian HyperStore 7.0.6	N	P
Dell EMC Data Domain [4]	P	P
Google Cloud Storage	P	Y [5]
IBM Cloud Object Storage (S3) [6]	N	Y [7]
Hitachi Content Platform 6.n [7,8,9]	P	P
Hitachi Optical Archive System HL100/HL200 2.3.1 or later	Y [2,4,10]	P
Huawei Cloud OBS	N	Y [11,12]

**Table 3-6** Secondary storage devices (*continued*)

Item	Enterprise Vault	
	11.0	12
Huawei FusionStorage V100R006 and later	Y [4,10]	Y [12,13]
Huawei OceanStor 9000	Y [4,10]	Y [12,13]
Huawei OceanStor V3, V5	Y [4,10]	Y [4]
Microsoft Azure Blob storage [19]	N	Y [14]
Microsoft StorSimple [4]	P	Y
NetApp AltaVault 4.2.n [4,15,16]	N	Y
NetApp AltaVault 4.3 [4,16]	Y	Y
NetApp StorageGRID Webscale 10.3 [7]	Y [2,10]	Y [12]
Quantum Artico/XcellisNAS 5.4 or later [4]	P	Y [7]
Rackspace Cloud Files [17]	Y [2]	Y [20]
Scality RING 5.1.6 or later [7]	N	Y
Simple Storage Service (S3) API	Y [2,18]	Y
Storiant 1.6 or later [9]	P	P

- 1 See [Migrating Data Using the Amazon S3 Storage Migrator](#).
- 2 See <https://www.veritas.com/docs/100033631>.
- 3 See [Migrating Data Using the AT&T Synaptic Storage Migrator](#).
- 4 Uses the Enterprise Vault migrator software. Contact the storage vendor for more information.
- 5 For Enterprise Vault 12.1, see <https://www.veritas.com/docs/100039053>. For Enterprise Vault 12.2 or later, see [Migrating Data Using the Google Cloud Storage Migrator](#).
- 6 See <http://ibm.biz/BdsaEW>.
- 7 Requires specific configuration. Contact the storage vendor for more information.
- 8 Requires HCP Adapter for Enterprise Vault version 1.2.2 or later.
- 9 Contact the storage vendor to obtain the appropriate streamer software for your storage device, which you must install before you create the partition.

- 10 Requires Enterprise Vault 11.0.1.
- 11 Select "Huawei Object Store" in the Enterprise Vault Administration Console. Contact the storage vendor for more information.
- 12 See <https://www.veritas.com/docs/100039174>.
- 13 For on-premises configuration using CIFS, use the Enterprise Vault migrator software. For on-premises or public cloud configuration using S3, select "Huawei Object Store" in the Enterprise Vault Administration Console. Contact the storage vendor for more information.
- 14 Requires 12.2 or later. See [Migrating Data Using the Microsoft Azure Blob Storage Migrator](#).
- 15 See <https://www.veritas.com/docs/100033118>.
- 16 See <http://www.netapp.com/us/media/tr-4564.pdf>.
- 17 See [Migrating Data Using the Rackspace Cloud Files Migrator](#).
- 18 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later. For more information, see [Migrating Data Using the Simple Storage Service \(S3\) API](#).
- 19 Support pending for immutable storage for Azure Blob storage.
- 20 Support pending for Enterprise Vault 12.4.

## Secondary storage software

The secondary storage software listed below enables migration of data contained in Enterprise Vault collection files.

**Table 3-7** Secondary storage software

Item	Version	Enterprise Vault	
		11.0	12
IBM Tivoli Storage Manager [1]	6.2	N	N
Veritas NetBackup [2]	7.5, 7.6	Y	N
	7.7	Y [3]	Y
	8.0, 8.1	Y [3]	Y

**Table 3-7** Secondary storage software (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Veritas Backup Exec	2010 R3	Y	N
	2012	N	N
	2012 R3	Y	N
	2014	Y	P
	15, 16, 20	Y [3]	Y
Veritas Access [4]	7.2, 7.3, 7.4	N	Y

**1** See <https://www.veritas.com/docs/100017886>.

**2** See <https://www.veritas.com/docs/100038215>.

**3** Requires Enterprise Vault 11.0.1.

**4** Uses the Enterprise Vault migrator software. Contact the storage vendor for more information.

# Exchange archiving

This chapter includes the following topics:

- [Introduction](#)
- [Exchange Server](#)
- [Exchange Online](#)
- [Enterprise Vault Data Classification Services](#)
- [Exchange Server 2003 OWA control file versions](#)
- [Enterprise Vault OWA Extensions compatibility with Enterprise Vault Server](#)
- [Enterprise Vault Office Mail App for OWA compatibility with Enterprise Vault Server](#)

## Introduction

This chapter contains information about compatibility with Enterprise Vault Exchange archiving server components.

For information about compatibility with Enterprise Vault Exchange archiving client components, see [About Exchange archiving client compatibility](#).

# Exchange Server

**Table 4-1** Exchange Server

Item	Version	Enterprise Vault	
		11.0	12
Exchange Server 2003 [1]	OR, SP1	N	N
	SP2	Y [2]	N
Exchange Server 2003 x64 edition	OR, SP1, SP2	N	N
Exchange Server 2007, x64 edition	OR, SP1, SP2, SP3	Y	N
Exchange Server 2010 [3]	OR	N	N
	SP1, SP2, SP3	Y	Y
Exchange Server 2013 [4,5,6]	OR, CU1, CU2, CU3, SP1, CU5	Y	Y
	CU6, CU7	Y [7,8]	Y [7]
	CU8, CU9	Y [8]	Y
	CU10 to CU17	Y [9]	Y
	CU18 to CU21[11]	Y [9]	Y
	CU22	N	P
Exchange Server 2016 [4,5,6]	OR	Y [9]	Y
	CU1	Y [9,10]	Y [10]
	CU2 to CU11	Y [9]	Y
	CU12	N	P

**Table 4-1** Exchange Server (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Exchange Server 2019 [4,5,6,12,13]	OR	P	Y

- 1 The use of Outlook 2013 on the Enterprise Vault is not supported for Exchange Server 2003 targets.
- 2 The following are required on each Windows 2003 Server on which you install the Enterprise Vault Outlook Web Access (OWA) 2003 Extensions: Windows Server 2003 Service Pack 2 or later and Exchange Server 2003 Service Pack 1 or later.
- 3 Exchange Server 2010 is not supported with Outlook 2016 on Enterprise Vault server.
- 4 To run Enterprise Vault archiving with MAPI over HTTP on Exchange Server 2013 SP1 or later, see <https://www.veritas.com/docs/100040583>.
- 5 Outlook 2016 on Enterprise Vault server supports only MAPI over HTTP on Exchange Server 2013 SP1, Exchange Server 2016, and Exchange Server 2019 with Enterprise Vault 12.2 or later. Does not support Outlook Anywhere and RPC connection methods.
- 6 Public folder archiving with Outlook 2016 requires Enterprise Vault 12.3 or later.
- 7 Requires all recommended Interim Updates for Exchange 2013 CU6 and CU7. These Interim Updates are available on request from Microsoft, and you should quote KB3011579 in your request. See [KB3011579](https://www.veritas.com/docs/100014498) and <https://www.veritas.com/docs/100014498>.
- 8 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 1 or later.
- 9 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.
- 10 When you run the script to enable the Enterprise Vault Office Mail App, if you get an error "GetExchangeActAsUserTokenHandler needs to be set to support X-RF cases", run the Get-App command and then run the script again. Microsoft has fixed this issue in CU2.
- 11 Enterprise Vault Office Mail App does not work in OWA. A possible workaround is to install the Exchange CAS role on the Exchange mailbox server. See [KB4476965](https://www.veritas.com/docs/KB4476965).



# Exchange Server 2003 OWA control file versions

Exchange Server 2003 service packs and hotfixes may modify OWA control files. For supported versions of Exchange Servers, OWA control files and Enterprise Vault, see <https://www.veritas.com/docs/100040694>.

## Enterprise Vault OWA Extensions compatibility with Enterprise Vault Server

The following table shows the compatibility of Enterprise Vault OWA Extensions with Enterprise Vault Server versions.

**Table 4-4** Enterprise Vault OWA Extensions compatibility with Enterprise Vault Server

Item	Version	Enterprise Vault	
		11.0	12
Enterprise Vault OWA Extensions for OWA 2000 and 2003	10.0	Y [♦]	N
	11.0	Y [♦]	N
Enterprise Vault OWA Extensions for OWA 2007	10.0	Y	N
	11.0	Y	N
Enterprise Vault OWA Extensions for OWA 2010 SP1 and later service packs	10.0	Y	N
	11.0	Y	Y
	12	Y	Y

- ♦ Enterprise Vault 11.0 OWA Extensions for OWA 2000 is not supported.

## Enterprise Vault Office Mail App for OWA compatibility with Enterprise Vault Server

The following table shows the compatibility of Enterprise Vault Office Mail App for OWA with Enterprise Vault Server versions.

**Table 4-5** Enterprise Vault Office Mail App for OWA compatibility with Enterprise Vault Server

Item	Enterprise Vault	
	11.0	12
Enterprise Vault Office Mail App for OWA 2013	Y	Y
Enterprise Vault Office Mail App for OWA 2016 [1]	Y [2]	Y

- 1 When you run the script to enable the Enterprise Vault Office Mail App, if you get an error "GetExchangeActAsUserTokenHandler needs to be set to support X-RF cases", run the Get-App command and then run the script again. Microsoft has fixed this issue in CU2.
- 2 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.

# Exchange archiving client compatibility

This chapter includes the following topics:

- [About Exchange archiving client compatibility](#)
- [Windows operating systems for Outlook Add-In](#)
- [Windows email clients](#)
- [Web browsers](#)
- [Browser support for Enterprise Vault Office Mail App for Exchange 2013 and Exchange 2016](#)
- [Mac client operating systems](#)
- [Mac email clients](#)
- [Mac client browsers](#)
- [Desktop search utilities](#)
- [Screen reader](#)

## About Exchange archiving client compatibility

This chapter contains information about compatibility with Enterprise Vault Exchange archiving client components.

The "File System Archiving (FSA)" chapter provides information on the operating systems that FSA supports for placeholder and file internet shortcut access.

See the "Compliance Accelerator and Discovery Accelerator" chapter for information on their compatibility with other client components.

## Windows operating systems for Outlook Add-In

The following table shows the supported combinations of Windows operating systems and the Enterprise Vault Outlook Add-In.

**Table 5-1** Windows operating systems for Outlook Add-In

Item	Version	Enterprise Vault Outlook Add-In	
		11.0	12
Windows Vista	OR, SP1, SP2	N	N
Windows Vista x64	OR, SP1, SP2	N	N
Windows 7	OR, SP1	Y	Y [1]
Windows 7 x64	OR, SP1	Y	Y [1]
Windows 8	OR	Y	Y [1]
Windows 8 x64	OR	Y	Y [1]
Windows 8.1	OR	Y	Y [1]
Windows 8.1 x64	OR	Y	Y [1]
Windows 10	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803, October 2018 Update 1809	Y [2]	Y
Windows 10 x64	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803, October 2018 Update 1809	Y [2]	Y
Windows Server 2008	OR, SP1, SP2	N	N
Windows Server 2008 x64 (using WOW64)	OR, SP1, SP2	N	N
	R2, R2 SP1	Y	N

**Table 5-1** Windows operating systems for Outlook Add-In (*continued*)

Item	Version	Enterprise Vault Outlook Add-In	
		11.0	12
Windows Server 2008 x64	OR, SP1	N	N
Windows Server 2012	OR	Y [3,4]	Y [1,3,4]
	R2	Y [4]	Y [1,4]
Windows Server 2016	OR	N	Y [5]
Windows Server 2019	OR	N	P

- 1 Enterprise Vault 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 2 Requires Enterprise Vault server 11.0.1 Cumulative Hotfix 4 or later.
- 3 Requires Microsoft hotfix [KB2878182](#).
- 4 Enterprise Vault Servers on a Windows Server 2012 require additional configuration before you use Enterprise Vault Search, see [KB2803161](#).
- 5 Requires Enterprise Vault 12.1 or later.

---

**Note:** The language variants of the Enterprise Vault Outlook Add-Ins are tested against new releases from Microsoft for each major Enterprise Vault release (for example, Enterprise Vault 11.0). The language variants are fully supported for Service Packs but are only tested if there is a known language dependency.

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## Windows email clients

The following table shows the supported combinations of email clients and the Enterprise Vault Outlook Add-In.

**Table 5-2** Windows email clients

Item	Version	Enterprise Vault Outlook Add-In	
		11.0	12
Outlook 2007	OR, SP1, SP2, SP3	Y [1]	N
Outlook 2010	OR, SP1, SP2	Y [2]	Y [2]

**Table 5-2** Windows email clients (*continued*)

Item	Version	Enterprise Vault Outlook Add-In	
		11.0	12
Outlook 2013	OR, SP1	Y	Y
Outlook 2016	OR	Y [3]	Y
Outlook 2019	OR	Y [3]	Y
Outlook for Office 365 [4]	2016 32-bit (Build 16.0.9126.2259) [5]	Y [3]	Y
	2016 64-bit (Build 16.0.9126.2259) [5]	Y [3]	Y

- 1 An issue exists in Outlook 2007 with items that have 2048 or more recipients in the TO, CC or BCC fields or that have more than 2048 attachments. Microsoft hotfix [KB951995](#) addresses this issue. The recommended registry value is 0xFFFFFFFF.
- 2 If you are running the Outlook 2010 cumulative update released on July 11, 2011 (available at [KB2544027](#)) or SP1, see <https://www.veritas.com/docs/100006380>.
- 3 Requires Enterprise Vault server and Outlook Add-In 11.0.1 Cumulative Hotfix 4 or later.
- 4 Enterprise Vault Outlook Add-In is only supported with on-premises Exchange server accounts. It is not supported with Exchange Online accounts.
- 5 Latest build number that has been tested with Enterprise Vault.

## Web browsers

See “[Web browsers](#)” on page 21.

## Browser support for Enterprise Vault Office Mail App for Exchange 2013 and Exchange 2016

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**Note:** Exchange 2016 is supported from Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later and on Enterprise Vault 12 and later.

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**Table 5-3** Browser support for Enterprise Vault Office Mail App

Item	Version	Enterprise Vault Office Mail App	
		11.0	12
Internet Explorer	9.0	Y	Y
	10.0	Y	Y
	11.0	Y	Y
Edge	OR	Y [♦]	Y
Chrome	44.0	P	P
Firefox	40.0	P	P
Safari	6.n	P	N
	9.n	P	Y
	10.n	P	P
Safari for iPad	6.n	P	N
	9.n	P	P
	10.n	P	P
Safari for iPhone	6.n	P	P
	9.n	P	P
	10.n	P	P

♦ Requires Enterprise Vault 11.0.1 Cumulative Hotfix 3 or later.

## Mac client operating systems

The following table shows the supported combinations of Mac client operating system and Enterprise Vault Client for Mac.

**Table 5-4** Mac client operating systems

Item	Version	Enterprise Vault Client for Mac	
		11.0	12
Mac OS X	10.7, 10.8	Y	N
	10.9	Y	Y
	10.10	Y [1]	Y
	10.11	Y [2,3]	Y [2]
	10.12	Y [3]	Y
	10.13 [4,5]	Y [3]	Y
	10.14	P	Y [6]

- 1 Requires Enterprise Vault Client for Mac 11.0.1.
- 2 The OS X El Capitan v10.11.1 Update is recommended for all OS X El Capitan users. For more information, see <https://support.apple.com/en-us/HT205360> and [KB3098396](#).
- 3 Requires Enterprise Vault 11.0.1 or later and Client for Mac 11.0.1 Cumulative Hotfix 4 or later.
- 4 Outlook 2011 for Mac is not supported.
- 5 Supports Outlook 2016 for Mac version 15.35 and later.
- 6 Requires Enterprise Vault 12.4.

## Mac email clients

The following table shows the supported combinations of email clients and the Enterprise Vault Client for Mac.

**Table 5-5** Mac email clients

Item	Version	Enterprise Vault Client for Mac	
		11.0	12
Entourage, Web Services edition	2008 (13.n)	N	N

**Table 5-5** Mac email clients (*continued*)

Item	Version	Enterprise Vault Client for Mac	
		11.0	12
Outlook 2011 for Mac [1,2]	OR, SP1, SP2	Y	N
	SP3	Y	Y
Outlook 2016 for Mac [2,3]	OR [4]	Y [5]	Y
	x64 [6]	Y [5]	Y
Outlook 2019 for Mac	OR	P	Y [9]
IBM Notes	9.0.1 [7]	Y [8]	Y

- 1 Outlook 2011 for Mac supports only Exchange Web Services versions of Exchange 2007 R2.
- 2 Supported with Exchange 2010, Exchange 2013, and Exchange 2016.
- 3 Outlook 2016 for Mac version 15.35 or later is supported for Mac OS X 10.13.
- 4 Outlook 2016 update version 15.17 or later is recommended for Enterprise Vault Office Mail App users. For more information, see [KB3119518](#).
- 5 Requires Enterprise Vault server and Client for Mac 11.0.1 Cumulative Hotfix 4 or later.
- 6 Requires Enterprise Vault Client for Mac OS X 12.2.3 or later with Outlook 2016 for Mac version 16.n. For more information on support and solutions, see <https://www.veritas.com/docs/100041617>.
- 7 Use IBM iNotes web client for archiving items on Mac OS X 10.13. Use IBM Notes Client version 9.0.1 for all other operations such as search, restore, delete, and so on.
- 8 See <https://www.veritas.com/docs/100015121>.
- 9 Requires Enterprise Vault Client for Mac 12.4.

## Mac client browsers

In addition to the requirements shown in the table, you need a version of Safari that is compatible with your version of Mac OS X.

For compatibility with Enterprise Vault Search, which was introduced in Enterprise Vault 11.0, see [About Enterprise Vault Search](#).

**Table 5-6** Mac client browsers

Item	Version	Enterprise Vault	
		11.0	12
Safari [1,2]	4.0	N	N
	5.0, 6.0, 7.0	Y	N
	8.0	Y	Y
	9.0, 10.0, 11.0	Y [3]	Y
Mozilla Firefox	—	P	P

- 1 The Enterprise Vault OWA Extensions are not supported for OWA client access from Safari or Firefox.
- 2 Supports Enterprise Vault's Browser Search only. (Archive Explorer, Advanced Search, and Integrated Search features are not supported in Safari.)
- 3 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.

## Desktop search utilities

For information about making the Enterprise Vault Add-Ins available, see the Enterprise Vault *Setting up Exchange Server Archiving* guide.

## Windows Search (WS)

Enterprise Vault supports WS with the following combinations of Windows and Microsoft Office:

- 64-bit Windows with 64-bit Microsoft Office
- 32-bit Windows with 32-bit Microsoft Office
- 64-bit Windows (except Vista) with 32-bit Microsoft Office

**Table 5-7** Windows Search (WS)

Item	Version	WS 4.0	Cortana
Enterprise Vault Outlook Add-In	11.0, 11.0.1	Y	N
	12, 12.1, 12.2, 12.3	Y	N

## X1® Content Connector for Enterprise Vault

**Table 5-8** X1® Content Connector for Enterprise Vault

Item	Version	X1 Content Connector for Enterprise Vault
Enterprise Vault Outlook Add-In	11.0	P
	12	P

## Screen reader

Enterprise Vault supports the use of JAWS for Windows version 12 with Microsoft Office Outlook 2010.

Enterprise Vault does not support JAWS with the Enterprise Vault web applications, including Outlook Integrated Search (Search Vaults) and Archive Explorer.

For more information about Enterprise Vault and Section 508 Compliance, see <https://www.veritas.com/docs/100029628>.

# File System Archiving (FSA)

This chapter includes the following topics:

- [Content platforms](#)
- [Client access](#)
- [Content protocols](#)
- [Supported Windows components](#)
- [Cluster support for FSA services](#)
- [Supported applications](#)
- [Enterprise Vault server and FSA Agent/Placeholder service component](#)

## Content platforms

### Support for FSA Agent

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**Note:** File System Archiving does not support FAT32 file systems.

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Enterprise Vault File System Archiving requires an FSA Agent to be installed on the target file server to allow Windows placeholders to be created and accessed. The FSA Agent is supported for use with the following operating systems.

**Table 6-1** Support for FSA Agent

Item	Version	Enterprise Vault	
		11.0	12
CIFS platforms	—	Y [1]	Y [1]
Windows Server 2008	SP1, SP2	N	N
Windows Server 2008 x64 edition (using WOW64)	SP1, SP2, R2	Y [2]	N
	R2 SP1	Y [2]	Y [2,3]
Windows Core Server 2008 x64	OR, R2	Y [2]	N
	R2 SP1	Y [2]	Y [2,3]
Windows Storage Server 2008	OR	N	N
Windows Storage Server 2008 x64 edition (using WOW64)	OR, SP1, R2	Y [2]	N
	R2 SP1	Y [2]	Y [2,3]
Windows Server 2012	OR	Y	Y [3]
	R2 [4]	Y [5]	Y [3]
Windows Core Server 2012	OR, R2 [4]	P	Y [3]
Windows Storage Server 2012	OR	Y	Y [3]
	R2 [4]	Y [5]	Y [3]
Windows Server 2016	OR [4]	N	Y [6]
Windows Core Server 2016	OR [4]	N	Y [6]
Windows Storage Server 2016	OR [4]	N	Y [6]

**Table 6-1** Support for FSA Agent (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Windows Server 2019	OR	N	Y [6]

- 1 For more information on archiving and Internet shortcuts on CIFS compliant platforms, see <https://www.veritas.com/docs/100022216>.
- 2 Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later and Enterprise Vault 12 or later do not support Windows Server 2008 as an FSA target. The minimum supported version is Windows Server 2008 R2 SP1 with Microsoft Security Update <https://technet.microsoft.com/en-us/library/security/3033929>.
- 3 Enterprise Vault 12.3 or later requires a Microsoft update rollup. See [KB2973337](https://support.microsoft.com/kb/2973337).
- 4 Enterprise Vault 12.3 and earlier versions do not support Secure Boot. For more information, see <https://www.veritas.com/docs/100041724>.
- 5 On file servers running Windows Server 2012 R2, the Enterprise Vault 11.0 FSA Agent does not create placeholders for files if the path length exceeds 256 characters. Use Enterprise Vault 11.0.0 Cumulative Hotfix 1 or later, or the 11.0.1 FSA Agent.
- 6 Requires Enterprise Vault server and FSA Agent 12.1 or later.

## Unix, Linux, and NFS

Enterprise Vault File System Archiving supports archiving of Linux, Unix, and NetApp NFS volumes using Vault Solutions Archive Accelerator for NFS. See <https://www.vault-solutions.com/products/archive-accelerator-nfs>.

**Table 6-2** Unix, Linux, and NFS

Item	Version	Enterprise Vault	
		11.0	12
Linux	All varieties	Y	Y
Unix	All varieties	Y	Y
NetApp NFS volumes	All versions	Y	Y

## Support for Dell EMC Celerra, VNX, and Unity Series

Enterprise Vault supports the creation and access of placeholders and file internet shortcuts on Dell EMC Celerra, VNX, and Unity Series devices running the following operating system.

**Table 6-3** Support for Dell EMC Celerra, VNX, and Unity Series

Item	Version	Enterprise Vault	
		11.0	12
DART	5.5, 5.6.38 or later, 6.0 or later	N	N
OE for File	7.0.12 or later	Y [1]	N
	7.1.47.5 or later	Y [2]	Y [2]
	8.1	Y [2,3]	Y [2]
Unity OE [4]	4.2	N	N
	4.3	P	Y [5,6]

- 1** Enterprise Vault 11.0 supports access to placeholders on Dell EMC Celerra Data Mover HTTP Server using SSL. SSL connections are not supported for VNX Series devices.
- 2** For more information, see <https://www.veritas.com/docs/100012979>.
- 3** Requires Enterprise Vault server 11.0.1.
- 4** For more information, see <https://www.veritas.com/docs/100043949>.
- 5** Delete on Delete feature is not supported.
- 6** Internet shortcuts are supported. Support pending for placeholders.

## Support for NetApp Data ONTAP

Enterprise Vault File System Archiving is supported to archive from NetApp Data ONTAP using CIFS, as shown in the following table.

The major and minor releases of Data ONTAP are supported, in accordance with NetApp's recommendations. In the following table, *n* represents any minor version number.

**Table 6-4** Support for NetApp Data ONTAP

Item	Version	Enterprise Vault	
		11.0	12
Data ONTAP	7.3.n	Y	N
	8.0.n, 8.1.n	Y [1]	Y [1]
	8.2.n	Y [1,2,3]	Y [1,3,4]
	8.3.n	Y [5,6,7]	Y [7,8]
	9.0, 9.1, 9.2, 9.3, 9.4	N	Y [7,9,10]
MultiStore (vFiler) running Data ONTAP	7.3.n	Y	N
	8.0.n, 8.1.n	Y [1]	Y [1]
	8.2.n	Y [1,2,3]	Y [1,3,4]

- 1** Supports Data ONTAP 7-mode.
- 2** Enterprise Vault server 11.0.1 supports Clustered Data ONTAP.
- 3** For recommendations for migrating FSA archives from NetApp 7-Mode filers to NetApp C-Mode Vservers, see <https://www.veritas.com/docs/100015810>.
- 4** Enterprise Vault server 12 and later support Clustered Data ONTAP.
- 5** Requires Enterprise Vault 11.0.1 Cumulative Hotfix 3 or later.
- 6** NetApp ONTAP 8.3.1 or later is not supported for file system archiving.
- 7** Pass-through is not supported for Data ONTAP C-Mode Vservers.
- 8** NetApp ONTAP 8.3, 8.3.1, and 8.3.2 are supported for file system archiving.
- 9** Requires Enterprise Vault server 12.1 or later.
- 10** In Enterprise Vault 12.3 and earlier, files archived on NetApp 9.x devices are not deleted when the placeholders are deleted.

## Support for IBM N series

Enterprise Vault File System Archiving is supported to archive from IBM N series enterprise storage using CIFS, as shown in the following table.

**Table 6-5** Support for IBM N series

Item	Version	Enterprise Vault	
		11.0	12
IBM N series running Data ONTAP	7.3.n	Y	N
	8.0.n, 8.1.n	Y [1]	Y [1]
	8.2.n	Y [1,2,3]	Y [1,3,4]
MultiStore (vFiler) running Data ONTAP	7.3.n	Y	N
	8.0.n, 8.1.n	Y [1]	Y [1]
	8.2.n	Y [1,2,3]	Y [1,3,4]

- 1 Supports Data ONTAP 7-mode.
- 2 Enterprise Vault server 11.0.1 supports Clustered Data ONTAP.
- 3 For recommendations for migrating FSA archives from NetApp 7-Mode filers to NetApp C-Mode Vservers, see <https://www.veritas.com/docs/100015810>.
- 4 Enterprise Vault server 12 and later support Clustered Data ONTAP.

## Unsupported content platforms

For reference, Enterprise Vault File System Archiving does not support the following content platforms.

**Table 6-6** Unsupported content platforms

Item	Version	Enterprise Vault	
		11.0	12
Apple Macintosh	All versions	N	N
Dell EMC Centera (CIFS)	All versions	N	N
NetApp Multi-protocol volumes	All versions	N	N
NetApp Read Only volumes	All versions	N	N
NetApp SnapLock volumes	All versions	N	N
Novell	All versions	N	N
SAM-FS	All versions	N	N

**Table 6-6** Unsupported content platforms (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
SAMBA	All versions	N	N
VxFS	All versions	N	N
Windows NT	4.0	N	N

## Client access

### Supported client access

Enterprise Vault File System Archiving supports the following operating systems for placeholder and file internet shortcut access.

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**Note:** For certain file types, such as .doc, .xls and so on, Enterprise Vault does not support offline synchronization of placeholders using Sync Center on file servers running Windows Server.

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**Table 6-7** Supported client access

Item	Version	Enterprise Vault	
		11.0	12
Apple Macintosh	10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11, 10.12, 10.13	P	P
Windows 2003 Server	OR, R2	Y	N
Windows Vista	—	Y	N
Windows Vista x64 edition	—	Y	N
Windows 7	—	Y	Y [1]
Windows 7 x64 edition	—	Y	Y [1]
Windows 8	—	Y	Y [1]
Windows 8 x64 edition	—	Y	Y [1]

**Table 6-7** Supported client access (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Windows 8.1	—	Y	Y [1]
Windows 8.1 x64 edition	—	Y	Y [1]
Windows 10	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803, October 2018 Update 1809	Y [2]	Y
Windows 10 x64 edition	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803, October 2018 Update 1809	Y [2]	Y

- 1 Enterprise Vault 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 2 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4.

## Unsupported client access

Enterprise Vault File System Archiving does not support the following operating systems for placeholder and file internet shortcut access.

**Table 6-8** Unsupported client access

Item	Version	Enterprise Vault	
		11.0	12
Apple Macintosh	OS 9 [♦]	N	N
Apple Macintosh	10.n.n [♦]	N	N
Linux	All varieties	N	N
Unix	All varieties	N	N
Windows	Mobile	N	N
Windows	Media	N	N

**Table 6-8** Unsupported client access (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Windows	PocketPC	N	N
IBM OS/2	All versions	N	N

- ◆ File Internet Shortcuts and Placeholders are not supported via either Apple File Protocol (AFP) or Server Message Block (SMB).

## Content protocols

### Supported content protocols

Enterprise Vault File System Archiving currently supports the following protocols. For more information on archiving and Internet shortcuts on CIFS compliant platforms, see <https://www.veritas.com/docs/100022216>.

**Table 6-9** Supported content protocols

Item	Version	Enterprise Vault	
		11.0	12
Windows CIFS	2008	Y	N
	2008 R2	Y	Y
	2012, 2012 R2	Y	Y
	2016	N	Y [1]
NetApp Data ONTAP CIFS	7.3	Y	N
	8.0.n, 8.1.n, 8.2.n	Y	Y
	8.3.n	Y [2]	Y
	9.0, 9.1, 9.2	N	Y [3]
Dell EMC Celerra	DART 5.5, 5.6.38 or later, 6.0 or later	N	N
Dell EMC Celerra Multi protocol [4]	DART 5.5, 5.6.38 or later, 6.0 or later	N	N

**Table 6-9** Supported content protocols (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Dell EMC VNX Series CIFS	OE for File 7.0.12 or later	Y	N
	OE for File 7.1.47.5 or later	Y [5]	Y [5]
	OE for File 8.1	Y [5,6]	Y [5]
Dell EMC VNX Series Multi protocol [4]	OE for File 7.0.12 or later	P	N
	OE for File 7.1.47.5 or later	Y	Y
	OE for File 8.1	Y [5,6]	Y [5]

- 1 Requires Enterprise Vault server and FSA Agent 12.1 or later.
- 2 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 3 or later.
- 3 Requires Enterprise Vault server 12.1 or later.
- 4 Supports access to placeholders and internet shortcuts from CIFS clients and access to placeholders from NFS clients.
- 5 For more information, see <https://www.veritas.com/docs/100012979>.
- 6 Requires Enterprise Vault server 11.0.1.

## Unsupported content protocols

For reference, Enterprise Vault File System Archiving currently does not support the following protocols.

**Table 6-10** Unsupported content protocols

Item	Version	Enterprise Vault	
		11.0	12
AppleTalk Control Protocol (ATCP)	All versions	N	N
AppleTalk Remote Access Protocol (ARAP)	All versions	N	N
Dell EMC Celerra NFS only	All versions	N	N
Linux CIFS	All varieties	N	N
Linux NFS	All varieties	N	N

**Table 6-10** Unsupported content protocols (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
NetApp Data ONTAP Multi-Protocol	All versions	N	N
NetApp Data ONTAP NFS	All versions	N	N
SAMBA SMB	All versions	N	N
Unix CIFS	All varieties	N	N
Unix NFS	All varieties	N	N
Windows AFP	All versions	N	N
Windows NFS	2003, R2	N	N
Windows Services for Mac	All versions	N	N
Windows Services for Novell	All versions	N	N

## Supported Windows components

Enterprise Vault File System Archiving placeholder and file internet shortcuts have been tested with the following Windows components. If a Windows component does not appear on this list, it is advisable to perform a proof of concept validation of a production system prior to installation.

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**Note:** Where applicable, the support shown is based on the Enterprise Vault FSA Agent/Placeholder service and application hosted on the same file server.

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**Table 6-11** Supported Windows components

Item	Version	Enterprise Vault	
		11.0	12
FAT16, FAT32	All versions	N	N

**Table 6-11** Supported Windows components (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
NTFS	2008, 2008 R2	Y	N
	2008 R2 SP1, 2012, 2012 R2	Y	Y
	2016	N	Y [2]
EFS (Encrypting File System)	2008, 2008 R2	Y	N
	2008 R2 SP1, 2012, 2012 R2	Y	Y
	2016	N	Y [2]
Volume Mount Points	2008, 2008 R2	Partial [3]	N
	2008 R2 SP1, 2012, 2012 R2	Partial [3,4]	Partial [3,4]
	2016	N	P
Directory Junction Points	2008, 2008 R2	Partial [1,5]	N
	2008 R2 SP1, 2012, 2012 R2	Partial [5]	Partial [5]
Hard Links	All versions	N	N
Symbolic Links	All versions	N	N
Alternate Data Streams	2008, 2008 R2	Y [1,6]	N
	2008 R2 SP1, 2012, 2012 R2	Y [6]	Y [6]
	2016	N	P
Quotas	2008, 2008 R2	Y [1]	N
	2008 R2 SP1, 2012, 2012 R2	Y	P
	2016	N	P

**Table 6-11** Supported Windows components (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Volume Shadow Copy	2008, 2008 R2	Y [1]	N
	2008 R2 SP1, 2012, 2012 R2	Y	P
	2016	N	Y [2]
File Compression	2008, 2008 R2	Partial [1,7]	N
	2008 R2 SP1, 2012, 2012 R2	Partial [7]	Partial [7]
	2016	N	P
Single Instance Storage	All versions	N	N
Microsoft DFS Namespace	2008	Y [1,8]	N
	2008 R2 SP1, 2012, 2012 R2	Y [8]	Y [8]
	2016	N	Y [2]
Microsoft DFS-R (RDC)	2008 SP1, SP2, R2	Y [1,9]	N
	2008 R2 SP1, 2012, 2012 R2	Y [9]	Y [9]
	2016	N	Y [2,9]
Branch Cache	2008 R2 SP1, 2012, 2012 R2	Y	Y
	2016	N	Y [2]
BitLocker	2008 SP2, R2 SP1	P	P
	Storage Server 2012, R2	Y	Y
	2016	N	Y [2]
ReFS	2012, 2016	N	N
CSVFS	2012, 2016	N	N

**Table 6-11** Supported Windows components (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Microsoft Data Deduplication	Storage Server 2012, R2	Y	Y
	2016	N	Y [2]

- 1 Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later do not support Windows Server 2008 as an FSA target. The minimum supported version is Windows Server 2008 R2 SP1.
- 2 Requires Enterprise Vault server and FSA Agent 12.1 or later.
- 3 A single mount point created as an Enterprise Vault volume and all its subfolders are supported. The subfolders can also be archiving targets. Neither nested mount points nor volume targets added above the mount point are supported.
- 4 Enterprise Vault does not write files to the root of the mount point if you have logged in using the Vault Service account. You must create a folder within the mount point to hold the files.
- 5 A single junction point created as an Enterprise Vault volume and all its subfolders are supported. The subfolders can also be archiving targets. Nested junction points are not supported.
- 6 Enterprise Vault will retain Alternate Data Streams on Placeholders.
- 7 An archived file that was originally compressed with Windows compression will be recalled uncompressed when accessed through FSA. The recalled file cannot be re-compressed with Windows compression due to a Microsoft limitation.
- 8 Supports only the addition of physical file server paths hosting DFS shares as archiving targets. Does not support the addition of DFS Namespace as an archiving target. Supports access to placeholders from client computer using DFS virtual namespace. Archive Explorer and Browser Search display the full physical file server path and not the DFS "virtual" path. For more information, see <https://www.veritas.com/docs/100017525>.
- 9 Only internet shortcuts are supported. Placeholders are not supported.

## Cluster support for FSA services

The following table shows the cluster server software that can be used to provide high availability of the Enterprise Vault FSA services.

Support for the cluster server software shown in the table is built in to Enterprise Vault.

**Table 6-12** Cluster support for FSA services

Item	Version	Enterprise Vault	
		11.0	12
Microsoft Cluster Server included with Windows Server 2008	All versions	N	N
Microsoft Cluster Server included with Windows Server 2008 x64 edition (using WOW64)	SP1, SP2, R2	Y [1,2]	N
	R2 SP1	Y [1,2]	Y [2]
Microsoft Cluster Server included with Windows Server 2008 x64 edition	All versions	N	N
Microsoft Cluster Server included with Windows Server 2012	OR	Y [2]	Y [2]
	R2	Y [2,3]	Y [2]
Microsoft Cluster Server included with Windows Server 2016	OR	N	Y [2,4]
Microsoft Cluster Server included with Windows Server 2019	OR	N	Y [2,4]
Veritas Cluster Server (VCS) [5]	5.1	N	N
Veritas Cluster Server (VCS) x64 edition [5]	5.1	Y	N
	6.0	Y [6]	N
	6.0.1, 6.0.2	Y [2,6]	N
	6.1	Y [2,6]	Y [2]
Veritas InfoScale Cluster Server (VCS) [5]	7.0, 7.1	Y [2,6]	Y [2]
	7.2	P	Y [2,4]
	7.3, 7.4	Y [2,6,7]	Y [2,8]

- 1 Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later do not support Windows Server 2008 as an FSA target. The minimum supported version is Windows Server 2008 R2 SP1.
- 2 Active/passive and active/active clusters are supported.

- 3 On file servers running Windows Server 2012 R2, the Enterprise Vault 11.0 FSA Agent does not create placeholders for files if the path length exceeds 256 characters. Use Enterprise Vault 11.0.0 Cumulative Hotfix 1 or later, or the 11.0.1 FSA Agent.
- 4 Requires Enterprise Vault server and FSA Agent 12.1 or later.
- 5 Enterprise Vault supports only non-secure clusters.
- 6 See <https://www.veritas.com/docs/100010265>.
- 7 Requires Enterprise Vault server 11.0.1.
- 8 Requires Enterprise Vault server and FSA Agent 12.2 or later.

## Supported applications

Enterprise Vault File System Archiving placeholder and file internet shortcuts have been tested with the following applications. If a third-party application does not appear on this list, it is advisable to perform a proof of concept validation of a production system prior to installation.

Notes:

- Where applicable, the support shown is based on the Enterprise Vault FSA Agent/Placeholder service and application hosted on the same file server.
- Use of some unsupported third-party file managers can result in corruption of placeholders and potential data loss.

**Table 6-13** Supported applications

Item	Version	Enterprise Vault	
		11.0	12
Dell EMC Replistore	All versions	N	N
Vision Solutions Double-Take Availability for Windows	6.0	P	P
IBM Tivoli Storage Manager Client	All versions	N	N
Symantec Storage Central	All versions	P	P
Veritas Backup Exec, FSA Agent only	2012	Y	N
	2014	Y	P
	15, 16, 20	Y [1]	Y

**Table 6-13** Supported applications (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Veritas Backup Exec, System Recovery	All versions	N	N
Veritas NetBackup	7.5	Y [2]	N
	7.6	Y [2]	Y [2]
	7.7, 8.0, 8.1	Y [1,2]	Y [2]
NetApp SnapShot	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapRestore	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapRestore + Windows Shadow Copy Client	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapRestore + Single item access	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapMirror	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapMirror Sync	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapVault	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapVault Restore	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp SnapVault + Windows Shadow Copy Client	ONTAP 7.3	N [3]	N
	ONTAP 8.0	P	P

**Table 6-13** Supported applications (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
NetApp SnapVault + Single item access	ONTAP 7.3	N [3]	N
	ONTAP 8.0	P	P
NetApp FlexClone	ONTAP 7.3	P	N
	ONTAP 8.0	P	P
NetApp VFM	—	N	N
Veritas Replication Exec	3.1	N	N
Veritas Volume Replicator	6.0.1	P	N
	6.1	Y	P
ExtremeZ-IP File Server	—	P	P

- 1 Requires Enterprise Vault server and FSA Agent 11.0.1.
- 2 For more information, see <https://www.veritas.com/docs/100031858>.
- 3 Veritas and NetApp are aware of the limitation of single item restore and are jointly working towards a solution.

## Enterprise Vault server and FSA Agent/Placeholder service component

It is possible to combine the optional Enterprise Vault FSA Agent/Placeholder service component with a different version of the Enterprise Vault server, as shown in the following table.

---

**Note:** Support is provided for backwards compatibility, but new features may not be available until the FSA Agent/Placeholder service version is aligned with the Enterprise Vault server version.

---

**Table 6-14** Enterprise Vault server and FSA Agent/Placeholder service component

Item	Server version	Enterprise Vault FSA Agent/Placeholder service component version	
		11.0	12
Enterprise Vault	10.0	Y	N
	11.0	Y	Y
	12	Y	Y

# Domino mailbox archiving and journal archiving

This chapter includes the following topics:

- [Notes client on the Enterprise Vault Server](#)
- [Enterprise Vault Domino Gateway](#)
- [Enterprise Vault extensions for Notes and iNotes/DWA clients](#)
- [Enterprise Vault web applications](#)

## Notes client on the Enterprise Vault Server

Notes must be installed on the Enterprise Vault server to support Domino mailbox and journal archiving. The following table shows the versions of Notes that are supported on the Enterprise Vault server.

Note that the version of Notes installed on the Enterprise Vault server must be equal to or later than the version of Domino on the server from which you want to archive. For example, to archive from Domino 8.5.3 on Enterprise Vault 11.0, you must install Notes 8.5.3 or later.

**Table 7-1** Notes client on the Enterprise Vault Server

Item	Version	Enterprise Vault	
		11.0	12
Lotus Notes	8.0.x, 8.5, 8.5.1, 8.5.2	N	N
	8.5.3	Y	Y

**Table 7-1** Notes client on the Enterprise Vault Server (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
IBM Notes	9.0, 9.0.1	Y	Y

## Enterprise Vault Domino Gateway

The following table shows support for Enterprise Vault with versions of Notes and Domino Server on an Enterprise Vault Domino Gateway.

You must install both Notes and Domino on the Enterprise Vault Domino Gateway, and you must install the same version of each.

You must have at least a Domino Messaging server license for each Enterprise Vault Domino Gateway.

---

**Note:** In a production environment, the Enterprise Vault Domino Gateway should not be used as a general mail server.

---

If you run EVInstall.nsf on any computer other than the Enterprise Vault Domino Gateway, ensure that you use a version of Notes that is shown as supported in the following table.

**Table 7-2** Enterprise Vault Domino Gateway

Item	Version	Enterprise Vault	
		11.0	12
Lotus Notes	8.0.x, 8.5, 8.5.1, 8.5.2	N	N
	8.5.3	Y	Y
IBM Notes	9.0, 9.0.1	Y	Y
Lotus Domino Server	8.0.x, 8.5, 8.5.1, 8.5.2	N	N
	8.5.3	Y	Y
IBM Domino Server	9.0, 9.0.1	Y	Y

# Enterprise Vault extensions for Notes and iNotes/DWA clients

The following table shows the Domino mail templates and iNotes/DWA Forms that can be customized by EVinstall.nsf.

**Table 7-3** Enterprise Vault extensions for Notes and iNotes/DWA clients

Enterprise Vault version	Domino								
	8.0	8.0.1	8.0.2	8.5	8.5.1	8.5.2	8.5.3	9.0	9.0.1
11.0, 11.0.1	Y	Y	Y	Y	Y	Y	Y	Y	Y
12, 12.1, 12.2, 12.3, 12.4	Y	Y	Y	Y	Y	Y	Y	Y	Y

## Enterprise Vault web applications

See [“Web browsers”](#) on page 21.

Refer to your Domino product documentation for specific iNotes/DWA browser requirements.

# SharePoint archiving

This chapter includes the following topics:

- [SharePoint server versions](#)
- [Windows SharePoint Services \(WSS\)](#)
- [SharePoint indexing](#)
- [Office Online Server](#)
- [OneDrive for Business](#)
- [Enterprise Vault for SharePoint support in an RBS environment](#)

## SharePoint server versions

SharePoint archiving depends on the installation of Enterprise Vault SharePoint components on the SharePoint server. The version of the Enterprise Vault SharePoint components must match the version of the Enterprise Vault server that targets the SharePoint server.

**Table 8-1** SharePoint server versions

Item	Version	Enterprise Vault	
		11.0	12
Microsoft Office SharePoint Server 2007	OR, SP1, SP2, SP3	N	N
Microsoft Office SharePoint Server 2007 x64 edition	OR, SP1	N	N
	SP2, SP3	Y [1]	N
SharePoint 2010	OR, SP1, SP2	Y [1]	Y [2]

**Table 8-1** SharePoint server versions (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
SharePoint 2013	OR, SP1	Y	Y
SharePoint 2016	OR	N	Y [3,4]

- 1 Supports SharePoint installed on Windows 2008 R2 and later only.
- 2 Supports SharePoint installed on Windows 2008 R2 SP1 and later only.
- 3 Requires Enterprise Vault 12.1 or later.
- 4 For SharePoint 2016, shortcut processing may be slower. See <https://www.veritas.com/docs/100033096>.

## Windows SharePoint Services (WSS)

**Table 8-2** Windows SharePoint Services (WSS)

Item	Version	Enterprise Vault	
		11.0	12
WSS 3.0	OR, SP1	N	N
	SP2	Y [◆]	N
SharePoint Foundation 2010	OR, SP1, SP2	N	N

- ◆ Supports SharePoint installed on Windows 2008 R2 and later only.

## SharePoint indexing

Enterprise Vault SharePoint shortcuts are compatible with Microsoft FAST Search Server 2010 for SharePoint. Archived content that has been replaced with shortcuts can be indexed both by FAST, and by the standard SharePoint index.

Note that Veritas has not certified FAST for other Enterprise Vault content sources.

## Office Online Server

Office Online Server is an Office server product that provides browser-based file viewing and editing services for Office files. An Office Online Server farm can support users who access Office files through SharePoint Server, Exchange Server, shared folders, and websites.

**Table 8-3** Office Online Server

Item	Version	Enterprise Vault	
		11.0	12
Office Online Server	SharePoint 2013 SP1	Y [1]	Y [2]
	SharePoint 2016	N	Y [2]

- 1 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.
- 2 Requires Enterprise Vault 12.2.1 or later.

## OneDrive for Business

OneDrive for Business allows you to store, sync, and share your files from anywhere and work on Office documents with others at the same time.

Enterprise Vault supports syncing of archived documents from users' My Site libraries in on-premises SharePoint using OneDrive for Business sync client.

**Table 8-4** OneDrive for Business

Item	Version	Enterprise Vault	
		11.0	12
SkyDrive [1]	SharePoint 2013 (base version)	Y	P
OneDrive for Business	SharePoint 2013 SP1	Y [2]	Y
	SharePoint 2016	N	Y [3]

**Table 8-4** OneDrive for Business (continued)

Item	Version	Enterprise Vault	
		11.0	12
OneDrive for Business Sync Client	Microsoft Office 2013 SP1	Y [2]	Y
	Microsoft Office 2016	P	Y [3]

- 1 SkyDrive is now OneDrive. See <https://support.microsoft.com/en-us/help/17787/skydrive-to-onedrive>.
- 2 Requires Enterprise Vault 11.0.1.
- 3 Requires Enterprise Vault 12.1 or later.

## Enterprise Vault for SharePoint support in an RBS environment

Due to the design of Enterprise Vault and how it interacts with the SharePoint system, it is expected that Enterprise Vault will work with any Remote BLOB (Binary Large Object) Storage (RBS) solution.

For details, see <https://www.veritas.com/docs/100025463>.

**Table 8-5** Enterprise Vault for SharePoint support in an RBS environment

Item	Version	Enterprise Vault	
		11.0	12
DocAve 6	6	P	Y
Microsoft FILESTREAM	All versions	P	Y
Metalogix StoragePoint	5.3	P	Y

# SMTP archiving

This chapter includes the following topics:

- [About SMTP archiving](#)

## About SMTP archiving

Enterprise Vault 11.0.1 and later support a new implementation of SMTP Archiving.

Enterprise Vault SMTP Archiving enables Enterprise Vault to archive data that is sent to the Enterprise Vault server using SMTP protocol. Any application that can send information to an SMTP server can send data to Enterprise Vault.

Enterprise Vault 11.0.1 and later support Enterprise Vault SMTP Archiving on all supported operating systems.

See [“Operating system”](#) on page 12.

The new implementation of SMTP Archiving does not require the Windows SMTP service or File System Archiving.

The legacy version of Enterprise Vault SMTP Archiving, available with Enterprise Vault 11.0 OR and earlier versions, can run concurrently with the new version. The legacy version and the new version must use different port numbers.

# Skype for Business Archiving

This chapter includes the following topics:

- [About Skype for Business Archiving](#)
- [Communication platform](#)

## About Skype for Business Archiving

From Enterprise Vault 12.2 onwards, you can archive Skype for Business Server and Lync Server instant messaging (IM) and conferencing (meeting) communications.

You must install the Skype for Business Server or Lync Server administrative tools on the Enterprise Vault server. The version must match the version of Skype for Business Server or Lync Server that you are using.

The language version of Enterprise Vault, the Skype for Business Server or Lync Server, and the server operating system must all be the same. Also, the language version of Skype for Business and Skype for Business tools must match.

An Enterprise Vault server can target archiving from only Skype or Lync but not from both. You also cannot archive between domains.

Skype for Business Server can archive conversations to a SQL Server database or to an Exchange Server mailbox. However, Enterprise Vault only supports archiving to a SQL Server database.

Enterprise Vault supports Skype for Business Archiving on all the supported operating systems.

See [“Operating system”](#) on page 12.

# Communication platform

**Table 10-1** Communication platform

Item	Version	Enterprise Vault	
		11.0	12
Skype for Business Server	2015	N	Y [◆]
Lync Server	2013	N	Y [◆]

- ◆ Requires Enterprise Vault 12.2 or later.

# Enterprise Vault Search

This chapter includes the following topics:

- [About Enterprise Vault Search](#)
- [Desktop](#)
- [Tablet](#)
- [Mobile](#)

## About Enterprise Vault Search

Enterprise Vault Search replaces three legacy search applications: Archive Explorer, Browser Search, and Integrated Search. Enterprise Vault Search provides client users with all the browse and search features that are available in those applications.

Enterprise Vault 11.0 supports Enterprise Vault Search on desktops. Enterprise Vault 11.0.1 includes support for Enterprise Vault Search on mobiles and tablets.

This chapter details compatibility between Enterprise Vault Search and the supported operating systems and browsers on desktops, tablets, and mobiles.

# Desktop

## Windows client operating systems

**Table 11-1** Windows client operating systems

Item	Version	Enterprise Vault	
		11.0	12
Windows 7	OR, SP1	Y	Y [1]
Windows 7 x64	OR, SP1	Y	Y [1]
Windows 8	OR	Y	Y [1]
Windows 8 x64	OR	Y	Y [1]
Windows 8.1	OR	Y	Y [1]
Windows 8.1 x64	OR	Y	Y [1]
Windows 10	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803, October 2018 Update 1809	Y [2]	Y
Windows 10 x64	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803, October 2018 Update 1809	Y [2]	Y
Windows Server 2008	SP1, SP2	N	N
Windows Server 2008 x64 (using WOW64)	SP1, SP2	N	N
	R2, R2 SP1	Y	N
Windows Server 2008 x64	SP1	N	N
Windows Server 2012	OR	Y [3]	Y [1,3]
	R2	Y [3]	Y [1,3]
Windows Server 2016	OR	N	Y [4]

**Table 11-1** Windows client operating systems (*continued*)

Item	Version	Enterprise Vault	
		11.0	12
Windows Server 2019	OR	N	P

- 1 Enterprise Vault 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 2 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4.
- 3 Enterprise Vault Servers on a Windows Server 2012 require additional configuration before you use Enterprise Vault Search, see [KB2803161](#).
- 4 Requires Enterprise Vault 12.1 or later.

## Browser versions supported on Windows

**Table 11-2** Browser versions supported on Windows

Item	Version	Enterprise Vault	
		11.0	12
Internet Explorer	7.0	N	N
	8.0	Y	N
	9.0, 10.0, 11.0	Y	Y
Edge	OR	Y [1]	Y
Google Chrome	25-34	Y	N
	35-51	Y [2]	Y
	52-64	P	Y
Mozilla Firefox	20-30	Y	N
	31-48	Y [2]	Y
	49-58	P	Y

- 1 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 3 or later.
- 2 Requires Enterprise Vault 11.0.1.

## Mac client operating systems

**Table 11-3** Mac client operating systems

Item	Version	Enterprise Vault	
		11.0	12
Mac OS X	10.7	N	N
	10.8	Y	N
	10.9	Y	Y
	10.10	Y [1]	Y
	10.11	Y [2]	Y
	10.12	Y [2]	Y
	10.13	Y [2]	Y
	10.14	P	Y [3]

- 1 Requires Enterprise Vault 11.0.1.
- 2 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.
- 3 Requires Enterprise Vault 12.4.

## Browser versions supported on Mac

**Table 11-4** Browser versions supported on Mac

Item	Version	Enterprise Vault	
		11.0	12
Safari	6.0	N	N
	7.0.6, 7.1	Y	P
	8.0	Y [1]	Y
	9.0, 10.0, 11.0	Y [2]	Y

- 1 Requires Enterprise Vault 11.0.1.
- 2 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.

# Tablet

Enterprise Vault Search is supported on all clients supporting HTML5-compatible web browsers. However, Enterprise Vault Search has been tested on tablets with the following operating systems and browsers.

## iOS operating systems

**Table 11-5** iOS operating systems

Item	Version	Enterprise Vault	
		11.0	12
iOS	7.1.1, 7.1.2	Y [1]	N
	8.1	Y [1]	Y
	9.0, 9.1	Y [2]	Y
	10.0.1, 10.1, 10.2, 10.3	P	Y
	11, 11.1	N	Y
	12.0	N	Y

- 1 Requires Enterprise Vault 11.0.1.
- 2 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.

## Browser versions supported on iOS

Enterprise Vault Search supports Safari on all supported iOS versions.

## Android operating systems

**Table 11-6** Android operating systems

Item	Version	Enterprise Vault	
		11.0	12
Android	4.4.4	Y [1]	Y [2]
	5.1	P	Y
	6.0	P	Y
	7.0	P	Y

**1** Requires Enterprise Vault 11.0.1.

**2** Supports Enterprise Vault 12.2 and earlier versions.

## Browser versions supported on Android

**Table 11-7** Browser versions supported on Android

Item	Version	Enterprise Vault	
		11.0	12
Google Chrome	35, 36	Y [1]	Y
	44-51	Y [2]	Y
	52-64	P	Y

**1** Requires Enterprise Vault 11.0.1.

**2** Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.

## Windows operating system

**Table 11-8** Windows operating system

Item	Version	Enterprise Vault	
		11.0	12
Windows	RT 8.1, 8.1	Y [▲]	Y
	10	P	Y

- ◆ Requires Enterprise Vault 11.0.1.

## Browser versions supported on Windows

**Table 11-9** Browser versions supported on Windows

Item	Version	Enterprise Vault	
		11.0	12
Internet Explorer	11	Y [1,2]	Y [2]
Edge	OR	P	Y [3,4]

- 1 Requires Enterprise Vault 11.0.1.
- 2 Supports the Metro UI and Desktop versions of Internet Explorer 11.
- 3 Requires Enterprise Vault 12.1 or later.
- 4 For a better user experience while using Enterprise Vault Search, Microsoft Surface users must connect a mouse and keyboard to the Surface tablet.

## Mobile

Enterprise Vault Search supports all clients supporting HTML5-compatible web browsers. However, Enterprise Vault Search has been tested on mobiles with the following operating systems and browsers.

## iOS operating systems

**Table 11-10** iOS operating systems

Item	Version	Enterprise Vault	
		11.0	12
iOS	7.1.1, 7.1.2	Y [1]	N
	8.1	Y [1]	Y
	9.0, 9.1	Y [2]	Y
	10.0.1, 10.1, 10.2, 10.3	P	Y
	11, 11.1	N	Y
	12.0	N	Y

**1** Requires Enterprise Vault 11.0.1.

**2** Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.

## Browser versions supported on iOS

Enterprise Vault Search supports Safari on supported iOS devices.

## Android operating systems

**Table 11-11** Android operating systems

Item	Version	Enterprise Vault	
		11.0	12
Android	4.4.2	Y [1]	Y [2]
	5.1	P	Y
	6.0	P	Y
	7.0	P	Y

**1** Requires Enterprise Vault 11.0.1.

**2** Supports Enterprise Vault 12.2 and earlier versions.

## Browser versions supported on Android

**Table 11-12** Browser versions supported on Android

Item	Version	Enterprise Vault	
		11.0	12
Google Chrome	35, 36	Y [1]	Y
	44-51	Y [2]	Y
	52-64	P	Y

**1** Requires Enterprise Vault 11.0.1.

**2** Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4 or later.

## Windows operating systems

**Table 11-13** Windows operating systems

Item	Version	Enterprise Vault	
		11.0	12
Windows	Phone 8.1	Y [◆]	Y
	10	P	Y

◆ Requires Enterprise Vault 11.0.1.

## Browser versions supported on Windows

**Table 11-14** Browser versions supported on Windows

Item	Version	Enterprise Vault	
		11.0	12
Internet Explorer	11	Y [1,2]	Y [2]
Edge	OR	P	P

**1** Requires Enterprise Vault 11.0.1.

**2** Supports the Metro UI and Desktop versions of Internet Explorer 11.

# Compliance Accelerator and Discovery Accelerator

This chapter includes the following topics:

- [Supported versions of Enterprise Vault in Accelerator environments](#)
- [Compatibility of Accelerator client and server components](#)
- [Compliance Accelerator](#)
- [Discovery Accelerator](#)
- [eDiscovery Platform](#)

## Supported versions of Enterprise Vault in Accelerator environments

Note the following important points about the version of Enterprise Vault that you install in a Compliance Accelerator or Discovery Accelerator environment:

- All Enterprise Vault servers in all Enterprise Vault sites in an Accelerator environment must run the same version of Enterprise Vault. For example, when using Compliance Accelerator with two Enterprise Vault installations, you cannot have one site that runs Enterprise Vault 11.0 and another that runs Enterprise Vault 12.
- The major version of the Accelerator product must be the same as, or one later than, the major version of Enterprise Vault.  
For example, you can run Discovery Accelerator 12 with Enterprise Vault 11.0.1 servers, but you cannot run Discovery Accelerator 11.0.1 with Enterprise Vault 12 servers.

---

**Note:** Compliance Accelerator 11.0 and Discovery Accelerator 11.0 are only compatible with Enterprise Vault 10.0.1 or later service packs. Compliance Accelerator 11.0.1 and Discovery Accelerator 11.0.1 are only compatible with Enterprise Vault 11.0.1. Compliance Accelerator 12 and Discovery Accelerator 12 are only compatible with Enterprise Vault 11.0.1 or later service packs.

---

- If the major version of the Accelerator product is the same as the major version of Enterprise Vault, the minor version (Service Pack) of the Accelerator product must be the same as, or later than, the minor version of Enterprise Vault. For example, you can run Compliance Accelerator 12.3 with Enterprise Vault 12.2 servers, but you cannot run Compliance Accelerator 12.2 with Enterprise Vault 12.3 servers.
- When upgrading both the Accelerator product and Enterprise Vault, it is important to upgrade the various components in the correct order. See the upgrade instructions that accompany your Accelerator product for details.

## Compatibility of Accelerator client and server components

Both Compliance Accelerator and Discovery Accelerator are client/server applications. The version of the client software that you install on end-users' computers must exactly match that of the server software on the Compliance Accelerator or Discovery Accelerator server.

## Compliance Accelerator

For information about Compliance Accelerator upgrade paths, see <https://www.veritas.com/docs/100023744>.

### Compliance Accelerator compatibility with Enterprise Vault

**Table 12-1** Compliance Accelerator compatibility with Enterprise Vault

Enterprise Vault version	Compliance Accelerator	
	11.0	12
10.0, 10.0.1, 10.0.2, 10.0.3, 10.0.4	Y [1,2]	N
11.0, 11.0.1	Y [2]	Y [3]

**Table 12-1** Compliance Accelerator compatibility with Enterprise Vault  
*(continued)*

Enterprise Vault version	Compliance Accelerator	
	11.0	12
12, 12.1, 12.2, 12.3, 12.4	N	Y

- 1** Compliance Accelerator 11.0 requires Enterprise Vault 10.0.1 or later.
- 2** Compliance Accelerator 11.0.1 is compatible with Enterprise Vault 11.0.1.
- 3** Compliance Accelerator 12 is compatible with Enterprise Vault 11.0.1.

---

**Note:** Installing Compliance Accelerator and Discovery Accelerator on the same server is not supported.

---

## Compliance Accelerator compatibility with other server components

**Table 12-2** Compliance Accelerator compatibility with other server components

Item	Version	Compliance Accelerator server	
		11.0	12
Windows Server 2008	All versions	N	N
Windows Server 2008 x64 edition (using WOW 64)	SP1, SP2	N	N
	R2, R2 SP1	Y	N
Windows Server 2012	OR, R2	Y	Y [1]
Windows Server 2016	OR	N	Y [2]
Windows Server 2019	OR	N	P
SQL Server 2008, Enterprise and Standard	All versions	N	N
SQL Server 2008 x64 edition, Enterprise and Standard	OR, SP1, SP2, SP3, SP4	N	N
	R2, R2 SP1, R2 SP2, R2 SP3	Y	N

**Table 12-2** Compliance Accelerator compatibility with other server components (*continued*)

Item	Version	Compliance Accelerator server	
		11.0	12
SQL Server 2012, Enterprise, Business Intelligence, and Standard	OR	N	N
SQL Server 2012 x64 edition, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2, SP3, SP4	Y [3,4,6]	Y [4,5]
SQL Server 2014, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2, SP3	N	N
SQL Server 2014 x64 edition, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2	Y [3,4,6]	Y [4,5]
	SP3	P	P
SQL Server 2016 x64 edition, Enterprise and Standard	OR, SP1	N	Y [4,7]
	SP2	N	P
SQL Server 2017 x64 edition, Enterprise and Standard	OR	N	Y [4,7]
SQL Server 2017 on Linux	OR	N	N
.NET Framework	1.1, 2.0, 3.0, 3.5	N	N
	3.5 SP1	Y [8]	Y [8]
	4.0, 4.5	Y [8,9]	Y [8]
	4.6, 4.7	Y [9]	Y [9]
MDAC	2.7 OR, SP1	Y	N
	2.8 OR, SP1, SP2	Y	N

**Table 12-2** Compliance Accelerator compatibility with other server components (*continued*)

Item	Version	Compliance Accelerator server	
		11.0	12
Internet Explorer	7.0, 8.0	P	N
	9.0	Y	Y
	10.0	Y [10]	Y [10]
	11.0	Y [10]	Y [7]
Edge	OR	N	Y [7]
Outlook (on server) [11]	2007 OR, SP1	N	N
	2007 SP2, SP3	Y	N
	2010	N	N
	2013, SP1	Y [6,12]	Y [12]
	2016	N	Y [12,13]
Lotus Notes [14]	8.0.x, 8.5, 8.5.1	N	N
	8.5.2	Y	N
	8.5.3	Y	Y
IBM Notes [14]	9.0	Y	Y
	9.0.1	Y [6]	Y

- 1** Compliance Accelerator 12.3 or later requires a Microsoft update rollout. See [KB2973337](#).
- 2** Requires Enterprise Vault 12.3 or later.
- 3** AlwaysOn Availability Groups are not supported.
- 4** Enterprise Vault does not support certain double-byte supplementary characters in the U+10000 to U+10FFFF unicode range and does not support SQL collations that include the supplementary character (SC) flag.
- 5** AlwaysOn Availability Groups are not supported on SQL Server 2012 SP2 CU3, CU4, and 2014 CU5. If you already have these versions of SQL Server installed, see [KB3034679](#) for the hotfix.
- 6** Requires Enterprise Vault 11.0.1.

- 7 Requires Enterprise Vault 12.1 or later.
- 8 Enterprise Vault 11.0.1 and later require .NET Framework 4.5.2 or later as well as .NET Framework 3.5 SP1.
- 9 Enterprise Vault requires .NET Framework 3.5 SP1 even if a later version is already installed.
- 10 Supported only in Compatibility View. This limitation does not exist for Enterprise Vault 12.1 or later.
- 11 Required if you want to export to PST files.
- 12 Requires 32-bit version of Outlook if you want to export to PST files.
- 13 Requires Enterprise Vault 12.2 or later.
- 14 Required if you want to export Lotus Domino items.

## Compliance Accelerator compatibility with other client components

**Table 12-3** Compliance Accelerator compatibility with other client components

Item	Version	Compliance Accelerator client	
		11.0	12
Windows Vista x86 and x64 editions	OR	N	N
	SP1, SP2	N	N
Windows 7 x86 and x64 editions	OR, SP1	Y	Y [1]
Windows 8 x86 and x64 editions	OR	Y [2]	Y [1,2]
Windows 8.1 x86 and x64 editions	OR	Y [2]	Y [1,2]
Windows 10 x86 and x64 editions	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803	Y [3]	Y
	October 2018 Update 1809	P	P
Windows Server 2016	OR	N	Y [4]
Windows Server 2019	OR	N	P

**Table 12-3** Compliance Accelerator compatibility with other client components  
(continued)

Item	Version	Compliance Accelerator client	
		11.0	12
.NET Framework	1.1, 2.0, 3.0, 3.5	N	N
	3.5 SP1	Y	Y
	4.0, 4.5, 4.6, 4.7	Y [5]	Y [5]
Internet Explorer	7.0	N	N
	8.0	Y	N
	9.0	Y	Y
	10.0, 11.0	Y [6]	Y [6]
Edge	OR	N	Y [4]
Outlook [7]	2007	Y	N
	2010	Y	Y
	2013	Y	Y
	2016	Y [8]	Y
Outlook for Office 365 [7]	2016	P	P
Lotus Notes [9]	8.0, 8.0.1, 8.0.2	P	N
	8.5, 8.5.1	Y [10]	N
	8.5.2	Y	N
	8.5.3	Y	Y
IBM Notes [9]	9.0	Y	Y
	9.0.1	Y [10]	Y

- 1** Compliance Accelerator 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 2** Supported only when the Compliance Accelerator client runs in Windows 7 or Windows XP compatibility mode.
- 3** Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4.

- 4 Requires Enterprise Vault 12.1 or later.
- 5 Enterprise Vault requires .NET Framework 3.5 SP1 even if a later version is already installed.
- 6 Supported only in Compatibility View. This limitation does not exist for Enterprise Vault 12.1 or later.
- 7 Required if you want to view Exchange Server items in Outlook on the Compliance Accelerator client.
- 8 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 3 or later.
- 9 Required if you want to view Lotus Domino items in Lotus Notes on the Compliance Accelerator client.
- 10 Requires Enterprise Vault 11.0.1.

## Server virtualization

Compliance Accelerator supports the use of all virtualization technologies that run supported versions of the Windows operating system. When you deploy Compliance Accelerator on virtual servers, consider the performance limitations of each virtualization platform relative to the minimum hardware requirements described in the Compliance Accelerator documentation.

Compliance Accelerator supports VMware High Availability, and the VMware vCenter Converter Standalone tool.

## Discovery Accelerator

For information about Discovery Accelerator upgrade paths, see <https://www.veritas.com/docs/100023744>.

## Discovery Accelerator compatibility with Enterprise Vault

**Table 12-4** Discovery Accelerator compatibility with Enterprise Vault

Enterprise Vault version	Discovery Accelerator	
	11.0	12
10.0, 10.0.1, 10.0.2, 10.0.3, 10.0.4	Y [1,2]	N
11.0, 11.0.1	Y [2]	Y [3]

**Table 12-4** Discovery Accelerator compatibility with Enterprise Vault  
*(continued)*

Enterprise Vault version	Discovery Accelerator	
	11.0	12
12, 12.1, 12.2, 12.3, 12.4	N	Y

- 1 Discovery Accelerator 11.0 requires Enterprise Vault 10.0.1 or later.
- 2 Discovery Accelerator 11.0.1 is compatible with Enterprise Vault 11.0.1.
- 3 Discovery Accelerator 12 is compatible with Enterprise Vault 11.0.1.

**Note:** Installing Compliance Accelerator and Discovery Accelerator on the same server is not supported.

## Discovery Accelerator compatibility with other server components

**Table 12-5** Discovery Accelerator compatibility with other server components

Item	Version	Discovery Accelerator server	
		11.0	12
Windows Server 2008	All versions	N	N
Windows Server 2008 x64 edition (using WOW 64)	SP1, SP2	N	N
	R2, R2 SP1	Y	N
Windows Server 2012	OR, R2	Y	Y [1]
Windows Server 2016	OR	N	Y [2]
Windows Server 2019	OR	N	P
SQL Server 2008 Enterprise and Standard	All versions	N	N
SQL Server 2008 x64 edition Enterprise and Standard	OR, SP1, SP2, SP3, SP4	N	N
	R2, R2 SP1, R2 SP2, R2 SP3	Y	N

**Table 12-5** Discovery Accelerator compatibility with other server components  
*(continued)*

Item	Version	Discovery Accelerator server	
		11.0	12
SQL Server 2012, Enterprise, Business Intelligence, and Standard	OR	N	N
SQL Server 2012 x64 edition, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2, SP3, SP4	Y [3,4,6]	Y [4,5]
SQL Server 2014, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2, SP3	N	N
SQL Server 2014 x64 edition, Enterprise, Business Intelligence, and Standard	OR, SP1, SP2	Y [3,4,6]	Y [4,5]
	SP3	P	P
SQL Server 2016 x64 edition, Enterprise and Standard	OR, SP1	N	Y [4,7]
	SP2	N	P
SQL Server 2017 x64 edition, Enterprise and Standard	OR	N	Y [4,7]
SQL Server 2017 on Linux	OR	N	N
.NET Framework	1.1, 2.0, 3.0, 3.5	N	N
	3.5 SP1	Y [8]	Y [8]
	4.0, 4.5	Y [8,9]	Y [8]
	4.6, 4.7	Y [9]	Y [9]
MDAC	2.7 OR, SP1	Y	N
	2.8 OR, SP1, SP2	Y	N

**Table 12-5** Discovery Accelerator compatibility with other server components  
(continued)

Item	Version	Discovery Accelerator server	
		11.0	12
Internet Explorer	7.0, 8.0	P	N
	9.0	Y	Y
	10.0, 11.0	Y [10]	Y [10]
Edge	OR	N	Y [7]
Outlook (on server) [11]	2007 OR, SP1	N	N
	2007 SP2, SP3	Y	N
	2010	N	N
	2013, SP1	Y [6,12]	Y [12]
	2016	N	Y [12,13]
Lotus Notes [14]	8.0.x, 8.5, 8.5.1	N	N
	8.5.2	Y	N
	8.5.3	Y	Y
IBM Notes [14]	9.0	Y	Y
	9.0.1	Y [6]	Y

- 1** Discovery Accelerator 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 2** Requires Enterprise Vault 12.3 or later.
- 3** AlwaysOn Availability Groups are not supported.
- 4** Enterprise Vault does not support certain double-byte supplementary characters in the U+10000 to U+10FFFF unicode range and does not support SQL collations that include the supplementary character (SC) flag.
- 5** AlwaysOn Availability Groups are not supported on SQL Server 2012 SP2 CU3, CU4, and 2014 CU5. If you already have these versions of SQL Server installed, see [KB3034679](#) for the hotfix.
- 6** Requires Enterprise Vault 11.0.1.
- 7** Requires Enterprise Vault 12.1 or later.

- 8** Enterprise Vault 11.0.1 and later require .NET Framework 4.5.2 or later as well as .NET Framework 3.5 SP1.
- 9** Enterprise Vault requires .NET Framework 3.5 SP1 even if a later version is already installed.
- 10** Supported only in Compatibility View. This limitation does not exist for Enterprise Vault 12.1 or later.
- 11** Required if you want to export to PST files.
- 12** Requires 32-bit version of Outlook if you want to export to PST files.
- 13** Requires Enterprise Vault 12.2 or later.
- 14** Required if you want to export Lotus Domino items.

## Discovery Accelerator compatibility with other client components

**Table 12-6** Discovery Accelerator compatibility with other client components

Item	Version	Discovery Accelerator client	
		11.0	12
Windows Vista x86 and x64 editions	OR	N	N
	SP1, SP2	N	N
Windows 7 x86 and x64 editions	OR, SP1	Y	Y [1]
Windows 8 x86 and x64 editions	OR	Y [2]	Y [1,2]
Windows 8.1 x86 and x64 editions	OR	Y [2]	Y [1,2]
Windows 10 x86 and x64 editions	OR, Anniversary Update 1607, Creators Update 1703, Fall Creators Update 1709, April 2018 Update 1803	Y [3]	Y
	October 2018 Update 1809	P	P
Windows Server 2016	OR	N	Y [4]
Windows Server 2019	OR	N	P

**Table 12-6** Discovery Accelerator compatibility with other client components  
*(continued)*

Item	Version	Discovery Accelerator client	
		11.0	12
.NET Framework	1.1, 2.0, 3.0, 3.5	N	N
	3.5 SP1	Y	Y
	4.0, 4.5, 4.6, 4.7	Y [5]	Y [5]
Internet Explorer	7.0	N	N
	8.0	Y	N
	9.0	Y	Y
	10.0, 11.0	Y [6]	Y [6]
Edge	OR	N	Y [4]
Outlook [7]	2007	Y	N
	2010	Y	Y
	2013	Y	Y
	2016	Y [8]	Y
Outlook for Office 365 [7]	2016	P	P
Lotus Notes [9]	8.0, 8.0.1, 8.0.2	P	N
	8.5, 8.5.1	Y [10]	N
	8.5.2	Y	N
	8.5.3	Y	Y
IBM Notes [9]	9.0	Y	Y
	9.0.1	Y [10]	Y

- 1** Discovery Accelerator 12.3 or later requires a Microsoft update rollup. See [KB2973337](#).
- 2** Supported only when the Discovery Accelerator client runs in Windows 7 or Windows XP compatibility mode.
- 3** Requires Enterprise Vault 11.0.1 Cumulative Hotfix 4.

- 4 Requires Enterprise Vault 12.1 or later.
- 5 Enterprise Vault requires .NET Framework 3.5 SP1 even if a later version is already installed.
- 6 Supported only in Compatibility View. This limitation does not exist for Enterprise Vault 12.1 or later.
- 7 Required if you want to view Exchange Server items in Outlook on the Discovery Accelerator client.
- 8 Requires Enterprise Vault 11.0.1 Cumulative Hotfix 3 or later.
- 9 Required if you want to view Lotus Domino items in Lotus Notes on the Discovery Accelerator client.
- 10 Requires Enterprise Vault 11.0.1.

## Server virtualization

Discovery Accelerator supports the use of all virtualization technologies that run supported versions of the Windows operating system. When you deploy Discovery Accelerator on virtual servers, consider the performance limitations of each virtualization platform relative to the minimum hardware requirements described in the Discovery Accelerator documentation.

Discovery Accelerator supports VMware High Availability, and the VMware vCenter Converter Standalone tool.

## eDiscovery Platform

For details of the compatibility of eDiscovery Platform with Enterprise Vault, see the [eDiscovery Platform Compatibility Matrix](#).

# Antivirus software

This chapter includes the following topics:

- [About antivirus software](#)

## About antivirus software

For a list of recommended antivirus exclusions for Enterprise Vault, see <https://www.veritas.com/docs/100017720>.

Enterprise Vault placeholder shortcuts appear to the operating system as markers for offline files. Some antivirus programs can be configured to ignore offline files, but others cannot. For more information, see <https://www.veritas.com/docs/100018129>.

**Table 13-1** Antivirus software

Item	Version	Enterprise Vault Server	
		11.0	12
McAfee VirusScan Enterprise	7.0	N	N
	8.5, 8.7	P	P
	8.8	Y [1,2]	Y [1,2]
McAfee Endpoint Security	10.5	Y [3,4,5]	Y [4,5,6]
Symantec Endpoint Protection	11.0	P	P
	12.0	Y [7]	P
	12.1	Y [8]	Y [9]
	14.0 [10]	Y [3]	Y

**Table 13-1** Antivirus software (*continued*)

Item	Version	Enterprise Vault Server	
		11.0	12
Trend Micro OfficeScan	8.0 SP1	N	N
	10. <i>n</i>	P	P
	11	P	P

- 1** See <https://www.veritas.com/docs/100013388>.
- 2** Enterprise Vault does not support McAfee 8.8 Patch 4. We recommend that you use Patch 5 or Patch 6.
- 3** Requires Enterprise Vault 11.0.1 or later.
- 4** See <https://www.veritas.com/docs/100041323>.
- 5** Users of File System Archiving should follow the guidance given in <https://www.veritas.com/docs/100041325>.
- 6** Requires Enterprise Vault 12.2 or later.
- 7** A file recall issue exists when using older versions of Symantec Endpoint Protection in combination with Enterprise Vault FSA and Veritas NetBackup. This issue is fixed by Symantec Endpoint Protection version 12.1.2015.2015.
- 8** Enterprise Vault 11.0 supports Symantec Endpoint Protection 12.1 RU4. Enterprise Vault 11.0.1 supports Symantec Endpoint Protection 12.1 RU4 and RU5.
- 9** Supports Symantec Endpoint Protection 12.1 RU6.
- 10** Supports Symantec Endpoint Protection 14.0 MP2.

# Third-party integrations

This chapter includes the following topics:

- [Provided by Veritas](#)
- [Provided by Veritas Technology Partners](#)

## Provided by Veritas

**Table 14-1** Provided by Veritas

Item	Version	Enterprise Vault	
		11.0	12
Adapter for Secure Messaging and Rights Management (SMRM)	9.0	N	N
Enterprise Vault Discovery Collector [1]	9.0, 10.0.n	N	N
EnCase Ingest Connector	—	Y	Y
Veritas Enterprise Vault.cloud Archive Migrator	1.0	Y [2]	P

- 1 Enterprise Vault Discovery Collector (EVDC) reached end of life on March 5, 2012.
- 2 Supports Enterprise Vault 11.0. Does not support Enterprise Vault 11.0.1.

# Provided by Veritas Technology Partners

**Table 14-2** Provided by Veritas Technology Partners

Item	Version	Enterprise Vault	
		11.0	12
Actiance Vantage	2015 R2 SP1	Y [1]	Y [1]
Akaibu Evolve [2]	1.3.n to 1.9.n	P	P
Globanet Centera Migrate	1.0.7 or later	Y	P
Globanet Merge1 [3]	5.12HF1 or later	Y	Y
	6.n	Y	Y
Globanet Migrate [4,5]	4.3 or later service pack, 5.n	N	N
	7.2 or later service pack	Y	P
Hanzo Archives Web Archive Connector	1.0	P	P
Interlock Migration Service [6,7]	2.0	Y	Y
	2.1	Y	Y
QUADROtech Archive Shuttle [3,4,8]	8.n	Y	Y
	9.n	Y	Y
TransVault Migrator [9,10]	7.n	Y	Y
TransVault Sprint	3.n	Y	Y
Voltage SecureMail Archive Connector	2.0	Y	Y

- 1 Support for Compliance Accelerator is provided via SMTP archiving. Compliance Accelerator is only supported via Journal archiving for existing implementations. Note that this will be phased out in a future release. Contact Actiance for specific configuration instructions.
- 2 See <http://akaibu.com/evolve-email-archive>.
- 3 The solution provides an Enterprise Vault Extension in the Enterprise Vault Administration Console, which allows for enhanced management and integration with Enterprise Vault.

- 4 Competitive migrations, intra-site migrations (that is, within the same Enterprise Vault site) and inter-site migrations (that is, between two Enterprise Vault sites) are supported. Inter-site migration includes two sites within the same Enterprise Vault directory, or two sites within different Enterprise Vault directories.
- 5 See <http://www.globanet.com/data-migration-software-migrate>.
- 6 See <http://www.interlock-tech.com/industries/ev-migration>.
- 7 Contact the partner for more information and specific configuration instructions.
- 8 See <http://www.quadrotech-it.com/products/archiveshuttle>.
- 9 See <https://www.transvault.com/solutions/email-archive-migration>.
- 10 Competitive migrations are supported.

# Localization

This chapter includes the following topics:

- [Enterprise Vault localization](#)

## Enterprise Vault localization

[Table 15-1](#) shows the languages in which the user interfaces and documentation for the following Enterprise Vault components are available:

Enterprise Vault administration components	<ul style="list-style-type: none"><li>■ Administration Console UI</li><li>■ Monitoring</li><li>■ Reporting</li></ul>
Enterprise Vault end-user components	<ul style="list-style-type: none"><li>■ Outlook Add-In</li><li>■ OWA Extensions</li><li>■ Office Mail App</li><li>■ Extensions for Lotus Notes</li><li>■ Client for Mac OS X</li><li>■ Search</li><li>■ Legacy search applications (Enterprise Vault 11.x only)</li><li>■ SharePoint Web Parts</li></ul>
Accelerators	<ul style="list-style-type: none"><li>■ Compliance Accelerator</li><li>■ Discovery Accelerator</li></ul>
Add-ons	<ul style="list-style-type: none"><li>■ Adapter for SMRM (Enterprise Vault 11.x only)</li><li>■ EnCase Ingest Connector</li><li>■ IM Manager 8.4 (Enterprise Vault 11.x only)</li></ul>

**Table 15-1** Enterprise Vault localization

Language	Enterprise Vault		Accelerators	Add-ons
	Administration	End-user		
Brazilian Portuguese	N	Y [1]	N	N
Chinese, Simplified	Y	Y [1]	Y	N
Chinese, Traditional	N	Y [1]	Y	N
Danish	N	Y [1]	N	N
Dutch	N	Y [1]	N	N
English	Y	Y	Y	Y
French	N	Y	N	N
German	N	Y	N	N
Hebrew	N	Y [1]	N	N
Hungarian	N	Y [1]	N	N
Italian	N	Y [1]	N	N
Japanese	Y	Y	Y	Y [2]
Korean	N	Y [1]	N	N
Polish	N	Y [1]	N	N
Russian	N	Y [1]	N	N
Spanish	N	Y	N	N
Swedish	N	Y [1]	N	N

- 1** Enterprise Vault Client for Mac OS X is available in English, French, German, Spanish, and Japanese only.
- 2** Adapter for SMRM only.

# Changes to prerequisite software for Enterprise Vault 12

This appendix includes the following topics:

- [Changes to prerequisite software for Enterprise Vault 12](#)

## Changes to prerequisite software for Enterprise Vault 12

The following table shows changes to Enterprise Vault 12 prerequisite software since Enterprise Vault 11.0.

**Table A-1** Changes to prerequisite software for Enterprise Vault 12

Software	Versions dropped	Notes
Celerra DART/VNX Series	7.0.x	Support is dropped for these Celerra versions as FSA targets.
Data ONTAP	7.3	Support is dropped for this Data ONTAP version as an FSA target. This includes IBM N series, and NetApp devices running Data ONTAP 7.3.
Exchange	2003, 2007	Includes OWA clients and Enterprise Vault OWA Extensions.
Google Chrome	34 and earlier versions	Support is dropped for Enterprise Vault Search.
Internet Explorer	7, 8	—

**Table A-1** Changes to prerequisite software for Enterprise Vault 12  
*(continued)*

<b>Software</b>	<b>Versions dropped</b>	<b>Notes</b>
iOS	7.1	Support is dropped for Enterprise Vault Search.
Lotus Notes	8.5.2	Lotus Notes 8.5.3 is the minimum supported for version 12 of Enterprise Vault and the Accelerators.
Mac OS X	10.7, 10.8	Support is dropped for these versions for Enterprise Vault Client for Mac.
Mozilla Firefox	30 and earlier versions	Support is dropped for Enterprise Vault Search.
Outlook	2003	Support is dropped for Enterprise Vault and Accelerator servers.
	2007	Support is dropped for Enterprise Vault servers, Accelerator servers, and Enterprise Vault Outlook Add-In.
PowerShell	2.0	Enterprise Vault 12 requires PowerShell 3.0 or later.
Safari	5, 6	Support is dropped for Enterprise Vault Search.
SCOM	2007, 2012 OR	SCOM 2012 SP1 is the minimum supported version for Enterprise Vault 12.
SharePoint	2007	SharePoint 2010 is the minimum supported version for Enterprise Vault 12.
SQL Server	2008 R2	SQL Server 2012 is the minimum supported version for Enterprise Vault 12.
VCS	6.0.x	VCS 6.1 is the minimum supported version for Enterprise Vault 12.
Windows Desktop	XP, Vista, 2003	Support is dropped for FSA client on these Windows operating systems.

**Table A-1** Changes to prerequisite software for Enterprise Vault 12  
*(continued)*

Software	Versions dropped	Notes
Windows Server	2008	Support is dropped for Windows Server 2008 as an FSA target. The minimum supported version is 2008 R2 SP1.
	2008 R2, 2008 R2 SP1	Support is dropped for: <ul style="list-style-type: none"> <li>■ Enterprise Vault Server</li> <li>■ Administration Console</li> <li>■ Search Access Components</li> <li>■ Accelerator servers</li> <li>■ Outlook Add-In</li> <li>■ Enterprise Vault Search</li> <li>■ Enterprise Vault SDK</li> <li>■ Enterprise Vault API</li> </ul>

# Revision history

This appendix includes the following topics:

- [February 28, 2019](#)
- [January 25, 2019](#)
- [December 21, 2018](#)
- [November 30, 2018](#)

## February 28, 2019

**Table B-1** Changes in this edition

Chapter/section	Item	Change
<b>Enterprise Vault core dependencies</b>		
<a href="#">Operating system</a>	Windows Server 2019 OR	Added support for Enterprise Vault 12.3 and later.
<a href="#">Microsoft SQL Server</a>	SQL Server 2016 x64 edition, Enterprise and Standard SP2	Added support for Enterprise Vault 12.1 or later.
<a href="#">Clustering</a>	Microsoft Server clustering > Windows Server 2019	Added support for Enterprise Vault 12.3 and later.
<b>Storage devices, appliances, and software</b>		
<a href="#">Storage devices: CIFS/SMB</a>	Dell EMC Data Domain DDOS 6.1, 6.2.	Added support for Enterprise Vault 12.0. Both WORM and non-WORM features supported.

**Table B-1** Changes in this edition (*continued*)

Chapter/section	Item	Change
Storage devices: streamer API	Cloudian HyperStore 7.0.6	New. Support pending for Enterprise Vault 12. Not supported for Enterprise Vault 11.0.
Secondary storage devices	Cloudian HyperStore 7.0.6	New. Support pending for Enterprise Vault 12. Not supported for Enterprise Vault 11.0.
<b>Exchange archiving</b>		
Exchange Server	Exchange Server 2013 CU22	New. Support pending for Enterprise Vault 12. Not supported for Enterprise Vault 11.0.
	Exchange Server 2016 CU12	New. Support pending for Enterprise Vault 12. Not supported for Enterprise Vault 11.0.

## January 25, 2019

**Table B-2** Changes in this edition

Chapter/section	Item	Change
<b>Enterprise Vault core dependencies</b>		
Microsoft SQL Server	SQL Server 2014 Enterprise, Business Intelligence, and Standard SP3	New. Not supported for Enterprise Vault 11.0 and 12.
	SQL Server 2014 x64 Enterprise, Business Intelligence, and Standard SP3	New. Support pending for Enterprise Vault 11.0 and 12.
	SQL Server 2016 x64 Enterprise and Standard SP2	New. Support pending for Enterprise Vault 12. Not supported for Enterprise Vault 11.0.
Microsoft Outlook on the Enterprise Vault server	Outlook 2016 OR	Added new footnote "Enterprise Vault 12.4 and later support Outlook 2016 Click-to-Run, 32-bit version."
<b>File System Archiving (FSA)</b>		

**Table B-2** Changes in this edition (*continued*)

Chapter/section	Item	Change
<a href="#">Client access</a> > <a href="#">Supported client access</a>	Windows 10 October 2018 Update 1809  Windows 10 x64 edition October 2018 Update 1809	Added support for Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later, and Enterprise Vault 12.
<b>Compliance Accelerator and Discovery Accelerator</b>		
<a href="#">Compliance Accelerator compatibility with other server components</a>	SQL Server 2014 Enterprise, Business Intelligence, and Standard SP3	New. Not supported for Enterprise Vault 11.0 and 12.
	SQL Server 2014 x64 Enterprise, Business Intelligence, and Standard SP3	New. Support pending for Enterprise Vault 11.0 and 12.
	SQL Server 2016 x64 Enterprise and Standard SP2	New. Support pending for Enterprise Vault 12. Not supported for Enterprise Vault 11.0.
<a href="#">Discovery Accelerator compatibility with other server components</a>	SQL Server 2014 Enterprise, Business Intelligence, and Standard SP3	New. Not supported for Enterprise Vault 11.0 and 12.
	SQL Server 2014 x64 Enterprise, Business Intelligence, and Standard SP3	New. Support pending for Enterprise Vault 11.0 and 12.
	SQL Server 2016 x64 Enterprise and Standard SP2	New. Support pending for Enterprise Vault 12. Not supported for Enterprise Vault 11.0.

## December 21, 2018

**Table B-3** Changes in this edition

Chapter/section	Item	Change
<b>Storage devices, appliances, and software</b>		
<a href="#">Storage devices: CIFS/SMB</a>	Dell EMC Data Domain DDOS 6.2	Added support for Enterprise Vault 12. Support pending for Enterprise Vault 11.0.
	NetApp ONTAP 9.4	Added support for Enterprise Vault 12.
<b>Exchange archiving</b>		

**Table B-3** Changes in this edition (*continued*)

Chapter/section	Item	Change
Exchange Server	Exchange Server 2016 CU11	Added support for Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later.
	Exchange Server 2019	Added support for Enterprise Vault 12.
<b>Exchange archiving client compatibility</b>		
Windows operating systems for Outlook Add-In	Windows 10 October 2018 Update 1809	Added support for Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later, and Enterprise Vault 12.
	Windows 10 x64 October 2018 Update 1809	
Windows email clients	Outlook 2019 OR	Added support for Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later.
Mac email clients	Outlook 2019 for Mac OR	Added support for Enterprise Vault Client for Mac 12.4.
<b>File System Archiving (FSA)</b>		
Content platforms > Support for FSA Agent	Windows Server 2019 OR	Added support for Enterprise Vault server and FSA Agent 12.1 and later.
Cluster support for FSA services	Microsoft Cluster Server included with Windows Server 2019	Added support for Enterprise Vault 12.1 and later; active/passive and active/active clusters are supported.
<b>Enterprise Vault Search</b>		
Desktop > Windows client operating systems	Windows 10 October 2018 Update 1809	Added support for Enterprise Vault 11.0.1 Cumulative Hotfix 4 and later, and Enterprise Vault 12.
	Windows 10 x64 October 2018 Update 1809	

## November 30, 2018

**Table B-4** Changes in this edition

Chapter/section	Item	Change
<b>Storage devices, appliances, and software</b>		

**Table B-4** Changes in this edition (*continued*)

Chapter/section	Item	Change
<a href="#">Secondary storage devices</a>	AT&T Synaptic Storage	Added footnote to say that support is pending for Enterprise Vault 12.4.
	Microsoft Azure Blob storage	Added footnote to say that support is pending for immutable storage for Azure Blob storage.
	Rackspace Cloud Files	Added footnote to say that support is pending for Enterprise Vault 12.4.
<b>Exchange archiving</b>		
<a href="#">Exchange Server</a>	Exchange Server 2019 OR	New. Support pending for Enterprise Vault 11.0 and 12.
		Updated the "the Enterprise Vault Office Mail App does not work in OWA." to say that a possible workaround is to install the Exchange CAS role, and that users should refer to KB4476965 for more information.
<b>Exchange archiving client compatibility</b>		
<a href="#">Mac client operating systems</a>	Mac OS X 10.14	Added support for Enterprise Vault 12.4.
<b>File System Archiving (FSA)</b>		
<a href="#">Content platforms &gt; Support for FSA Agent</a>	-	Updated the Secure Boot footnote to say that "Enterprise Vault 12.3 and earlier versions do not support Secure Boot."
<b>Enterprise Vault Search</b>		
<a href="#">Desktop &gt; Mac client operating systems</a>	Mac OS X 10.14	Added support for Enterprise Vault 12.4.
<a href="#">Tablet &gt; iOS operating systems</a>	iOS	Added support for 12.0.
<a href="#">Tablet &gt; Android operating systems</a>	Android	Added support for 7.0.
<a href="#">Mobile &gt; iOS operating systems</a>	iOS	Added support for 12.0.
<a href="#">Mobile &gt; Android operating systems</a>	Android	Added support for 7.0.

**Table B-4** Changes in this edition (*continued*)

Chapter/section	Item	Change
<b>Third-party integrations</b>		
<a href="#">Provided by Veritas Technology Partners</a>	Interlock Migration Service 2.1	Added support for Enterprise Vault 11.0 and 12.