



Microsoft Office 365[®] Migrations with Veritas[™] Enterprise Vault.cloud

Who should read this paper

This white paper is designed for organizations considering replacing their legacy messaging system with Microsoft Office 365[®], and who are looking at ways to reduce the costs and risks associated with the migration project.

Streamline the migration project

Microsoft Office 365® Migrations with Veritas™ Enterprise Vault.cloud

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Introduction

Many organizations are considering replacing their existing on-premises messaging systems with Microsoft Office 365®, which delivers Microsoft® Exchange Online as a cloud messaging service. With email being one of the most critical business applications used within organizations today, reducing the risks associated with the migration project is a high priority.

The most common risks involved in an email migration project are:

- Delays that exceed the original time estimate and budget allocation.
- Downtime that disrupts end user access to emails and attachments.
- Loss of data and/or metadata.

A significant portion of the risks associated with an email migration project can be attributed to the movement of large volumes of messages from the legacy message and archive systems to Office 365. Migrations to Office 365 are typically handled by either the built-in Microsoft migration aid tools or specialized third party applications, all of which help to manage the actual migration process but do little to reduce the amount of data to be migrated.

Streamline migration with Veritas™ Enterprise Vault.cloud

Veritas™ Enterprise Vault.cloud is a leading cloud-based archiving service that helps organizations better store, manage, and discover their electronically stored information. Requiring no mandatory hardware, software, or client plug-ins, Enterprise Vault.cloud is easy to deploy and maintain and provides unlimited storage and retention for a predictable monthly fee. The service has two components:

- **Veritas Enterprise Vault™ Personal.cloud**—Allows end users to rapidly search and retrieve their archived information directly from Microsoft Outlook®, mobile devices, and Web browsers.
- **Veritas Enterprise Vault™ Discovery.cloud**—Provides authorized users, such as Legal, Compliance, and HR personnel, with direct, role-based access to the archive, where they can manage and collaborate on eDiscovery matters.

Enterprise Vault.cloud can help reduce the risks associated with migrating to Office 365 by archiving legacy data—whether it is stored on tape, PSTs/NSFs, or trapped within existing on-premises archives—prior to the migration. This means that IT teams no longer have to move or convert the majority of the data to Office 365 since the messages are stored in the archive, shrinking the project timeline while minimizing the risk of permanent data loss.

The Enterprise Vault.cloud Data Management team can quickly and securely ingest large volumes of legacy data directly into Enterprise Vault.cloud, with upload times averaging terabytes of ingested data per day. Data can be accepted in a variety of formats including PST, NSF, EML, and MSG. The team converts EML, MSG, and NSF files to PSTs and then imports them into the archive.

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Enterprise Vault.cloud aids the migration process:

- **Shortens migration timetables**—Running two messaging environments concurrently requires increased administrative and resource overheads. Keeping the duration of email migrations to a minimum is essential and Enterprise Vault.cloud does this by reducing the amount of data that requires migration to Office 365.
- **Increases accuracy and efficiency**—The more data moved, the greater the chance of corruption. Using Enterprise Vault.cloud to archive data before a migration can result in moving less data to Office 365 and therefore helps increase the chances of success.
- **Allows Office 365 mailboxes to be sized more efficiently**—Office 365 does not need to store all of the mailbox data from the source environment. Instead the migrated data set can consist of only the most recent and business-relevant messages. All other data can be properly archived in Enterprise Vault.cloud – for compliance or search – or disposed of.
- **Provides chain of custody reporting**—Enterprise Vault.cloud documents the proper chain of custody and helps establish that emails and attachments were unaltered and not tampered with during the migration. This is critical in the event of litigation, where the authenticity of the migrated data can be called into question.

Office 365 pre-migration diet

To make the transition to Office 365 smoother, Enterprise Vault.cloud provides a simple process for shrinking message data stores prior to moving them, which helps to expedite the transition process.

- **Enable journaling**—first, clients enable journaling on their existing message system, allowing Enterprise Vault.cloud to capture data in its secure cloud, which effectively eliminates the need to migrate that data in the future.
- **Ingest of PST/NSF files**—Enterprise Vault.cloud can securely ingest organizations' PST and NSF files into its centrally managed, cloud-based archive—eliminating the most common source of data loss and IT headaches. Emails and attachments stored in PST and NSF files are indexed, so they are immediately searchable in the archive.

With the robust architecture of Enterprise Vault.cloud, end users are able to view all archived email (legacy and current) from the comfort of their Outlook client, mobile device, or web browser. They can search their archived information in seconds, and quickly locate the desired emails and attachments using advanced search filtering capabilities.

Conducting a single search in the archive executes a federated search across all archived information including any legacy PST or NSF files that have been ingested into the archive. If a user locates a message they need in the archive that is no longer in their Inbox, they can instantly restore a copy back to their Inbox—with no help from IT required. They also have the ability to compose new emails, reply to, or forward messages directly from their archive.

Skinny migration

With all historical and ongoing email securely stored in Enterprise Vault.cloud, IT teams only need to migrate a small amount of data to the new Office 365 environment.

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Veritas™ Archive Migrator tool

Veritas Enterprise Vault™ is a leading on-premises archiving solution. Existing Enterprise Vault customers with archives of less than 2 TB in size who wish to migrate their archives to Enterprise Vault.cloud can opt to utilize the free Veritas Archive Migrator tool to encapsulate the archive into a PST file.¹ The PST file can then be ingested into Enterprise Vault.cloud. Larger Enterprise Vault environments will typically leverage Veritas or partner services for the migration.

Conclusion

A successful migration to Office 365 depends on a number of key factors. Using Enterprise Vault.cloud to assist in the management of message content before, during, and after a migration can be a critical success factor. In addition to providing advanced compliance, eDiscovery, data protection, and mailbox management capabilities, Enterprise Vault.cloud can help to reduce the volume of data to be migrated to Office 365 and shrink the project timeline while minimizing the risk of permanent data loss.

1. A healthy/working Enterprise Vault environment is required.

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About Veritas Technologies Corporation

Veritas Technologies Corporation enables organizations to harness the power of their information, with solutions designed to serve the world's largest and most complex heterogeneous environments. Veritas works with 86 percent of Fortune 500 companies today, improving data availability and revealing insights to drive competitive advantage.

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