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# **Enterprise Vault 8.0 Security Model for SMTP Archiving**

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# Enterprise Vault 8.0 Security Model for SMTP Archiving

## Purpose

The purpose of this document is to detail how Enterprise Vault:

- Can securely access SMTP data to be archived

This document will give readers a better understanding of how the Enterprise Vault (EV) solution integrates with security features already built into Active Directory and provide insight as to how to change some of the settings to be configured in line with organizational preferences.

This whitepaper assumes the reader has already read the Enterprise Vault 8.0 Security Model for Enterprise Vault 8.0 and SQL server whitepaper and has already read or will read the Enterprise Vault for File System Archiving whitepaper. The Security Model series consists of:

- Enterprise Vault 8.0 Security Model Enterprise Vault 8.0 and SQL server
- Enterprise Vault 8.0 Security Model for Microsoft Exchange Archiving
- Enterprise Vault 8.0 Security Model for Lotus Domino Archiving
- Enterprise Vault 8.0 Security Model for File System Archiving
- Enterprise Vault 8.0 Security Model for Microsoft SharePoint Archiving
- **Enterprise Vault 8.0 Security Model for SMTP Archiving**
- Enterprise Vault 8.0 Security Model for Discovery Accelerator 8.0
- Enterprise Vault 8.0 Security Model for Compliance Accelerator 8.0
- Enterprise Vault 8.0 Security Model for Automatic Classification Engine 8.0
- Enterprise Vault 8.0 Security Model for Secure Messaging 8.0

This whitepaper is intended to train the reader the concepts behind Enterprise Vault 8.0 security for archiving SMTP messages.

## Enterprise Vault Services and Tasks

Enterprise Vault's SMTP archiving solution uses the following Enterprise Vault Tasks:

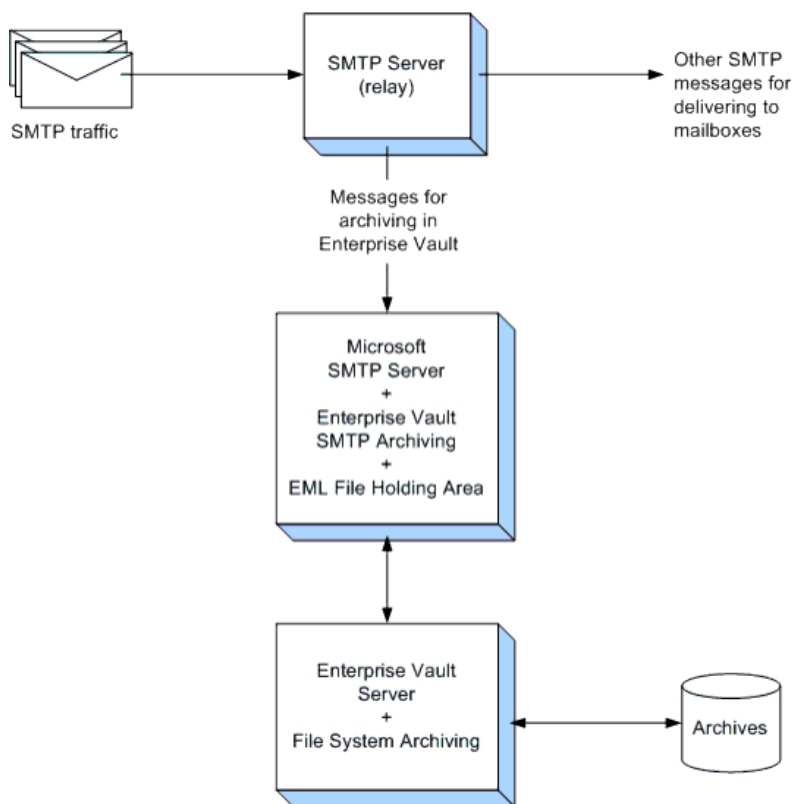
- File System Archiving Task

It is recommended that the Enterprise Vault 8.0 Security Model for File System Archiving whitepaper be reviewed immediately following this whitepaper.

### SMTP Archiving

Figure 1 illustrates the components used in SMTP archiving. SMTP messages are sent to a third-party SMTP messaging server which relays messages to their destination and also sends a blind copy to a Microsoft SMTP Server for archiving by Enterprise Vault SMTP archiving.

Figure 1 - SMTP Archiving flow



SMTP archiving processes the messages and stores them as EML files in folders in a holding area. EV File System Archiving then retrieves the EML files from the holding area and stores them in archives. To set up the holding area for the EML files, a root folder must be created for each message recipient domain that will be archived. Both the account used by SMTP archiving to write to the holding area and the account under which File System Archiving runs (typically, the Vault Service account), must have read and write access to the holding area folders.

During the configuration of SMTP Archiving, the system prompts the installer to specify an account to be used for writing to the holding area. This option can be used to specify an account with write permissions to the holding area if it is on a network share. By default the LocalSystem account IIS account is used if an account is not specified. If an account is to be specified it should be entered using the *domain\_name\username* format. This account will then be granted the right "log on as a batch process" on the holding area system. The account will be used until the SMTP archiving process is stopped and unregistered.

## Enterprise Vault 8.0 Security Model for SMTP Archiving

### Conclusion

In this whitepaper we have discussed the security aspects of archiving SMTP with Enterprise Vault 8.0 including the various permissions required on the holding folder. We recommend you read the Enterprise Vault 8.0 Security Model for File System Archiving whitepaper to get an understanding of how SMTP data is archived from the holding folder.

Below is a list of the other Security Model topics in this series that may be of interest.

- Enterprise Vault 8.0 Security Model for File System Archiving
- Enterprise Vault 8.0 Security Model for Microsoft Exchange Archiving
- Enterprise Vault 8.0 Security Model for Lotus Domino Archiving
- Enterprise Vault 8.0 Security Model for Microsoft Sharepoint Archiving
- Enterprise Vault 8.0 Security Model for Discovery Accelerator 8.0
- Enterprise Vault 8.0 Security Model for Compliance Accelerator 8.0
- Enterprise Vault 8.0 Security Model for Automatic Classification Engine 8.0
- Enterprise Vault 8.0 Security Model for Secure Messaging 8.0

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