



# Veeam Explorers

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Version 7.0

User Guide

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# Contacting Veeam Software

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## Customer Support

Should you have a technical concern, suggestion or question, visit the [Veeam Customer Support Portal](#) to open a case, search our knowledge base, reference documentation, manage your license or obtain the latest product release.

## Company Contacts

For the most up-to-date information about company contacts and office locations, visit the [Veeam Contacts Webpage](#).

## Online Support

If you have any questions about Veeam products, you can use the following resources:

- Full documentation set: [veeam.com/documentation-guides-datasheets.html](http://veeam.com/documentation-guides-datasheets.html)
- Veeam R&D Forums: [forums.veeam.com](http://forums.veeam.com)

# About This Document

This document provides general information on how to use Veeam Explorers that come as part of Veeam Backup for Microsoft 365 7.0:

- Veeam Explorer for Microsoft Exchange
- Veeam Explorer for Microsoft SharePoint
- Veeam Explorer for Microsoft OneDrive for Business
- Veeam Explorer for Microsoft Teams

Information in this document is applicable to each Veeam Explorer that comes as part of Veeam Backup for Microsoft 365 7.0 until it is replaced with a newer version of the product.

## Intended Audience

This user guide is intended for IT administrators, consultants, analysts and any other IT professionals.



# Veeam Explorers Overview

Veeam Explorers Suite extends the functionality of Veeam Backup for Microsoft 365 and Veeam Backup & Replication and allows you to restore or export your data from backup or replica files.

Veeam Explorers are distributed as part of Veeam Backup for Microsoft 365 and Veeam Backup & Replication, and you do not need to install them separately. You also do not need to purchase any additional license to use Veeam Explorers: the available feature set for each Veeam Explorer depends entirely on the installed edition of Veeam Backup for Microsoft 365 and Veeam Backup & Replication. For information about how to deploy Veeam products, see the following sections:

- [Deployment](#) section of the Veeam Backup for Microsoft 365 User Guide
- [Deployment](#) section of the Veeam Backup & Replication User Guide

The following table lists all Veeam Explorers that come as part of Veeam Backup & Replication and Veeam Backup for Microsoft 365.

Veeam Explorer	Veeam Backup & Replication	Veeam Backup for Microsoft 365
<a href="#">Veeam Explorer for Microsoft Exchange</a>	✓	✓
<a href="#">Veeam Explorer for Microsoft SharePoint</a>	✓	✓
<a href="#">Veeam Explorer for Microsoft OneDrive for Business</a>	✓	✓
<a href="#">Veeam Explorer for Microsoft Teams</a>	✓	✓
<a href="#">Veeam Explorer for Microsoft Active Directory</a>	✓	✗
<a href="#">Veeam Explorer for Microsoft SQL Server</a>	✓	✗
<a href="#">Veeam Explorer for Oracle</a>	✓	✗
<a href="#">Veeam Explorer for PostgreSQL</a>	✓	✗

This document provides information on how to use Veeam Explorers that come as part of Veeam Backup for Microsoft 365. For information on Veeam Explorers available with Veeam Backup & Replication only, see the [Veeam Explorers User Guide](#) for Veeam Backup & Replication.

# Veeam Explorer for Microsoft Exchange

Veeam Explorer for Microsoft Exchange allows you to restore and export Microsoft Exchange data from backups created by Veeam Backup for Microsoft 365 and Veeam Backup & Replication.

You can also compare data with the production environment to track differences in your backups and on production servers. In addition, you can save data from backups to a local computer and send data from backups through email.

# Planning and Preparation

You can configure your environment before start using Veeam Explorer for Microsoft Exchange.

# System Requirements

This section lists system requirements for Veeam Explorer for Microsoft Exchange.

Component	Requirement
Microsoft Exchange	<p>For more information about supported versions of Microsoft Exchange, see:</p> <ul style="list-style-type: none"><li>• The <a href="#">Supported Applications</a> subsection of the Veeam Backup &amp; Replication User Guide.</li><li>• The <a href="#">System Requirements</a> section of the Veeam Backup for Microsoft 365 User Guide.</li></ul>

Consider the following:

- To work with database files, Veeam Explorer for Microsoft Exchange requires a dynamic link library *ese.dll* supplied with Microsoft Exchange. The *ese.dll* file must be of the same version as that of Microsoft Exchange in which database files were created.
- To restore mailbox items from a server running Microsoft Windows ReFS, the Veeam backup server or a management console must be installed on the Microsoft Windows Server 2012 or later.
- To restore mailbox items from a server running Microsoft Windows ReFS 3.x, the Veeam backup server or management console must be installed on a machine that runs Microsoft Windows Server 2016 or later, and the ReFS version must be supported on this machine.
- To restore data that was backed up by Veeam Backup for Microsoft 365 v1.5 using PowerShell, make sure to install Windows PowerShell 2.0 or later.
- Restore of mailbox datastore from backups created by Veeam Agent for Microsoft Windows 2.0 or later requires integration with Veeam Backup & Replication to be set up. For more information, see the [Using with Veeam Backup & Replication](#) section of the Veeam Agent for Microsoft Windows User Guide.

# Ports

The following tables list network ports that must be opened to manage inbound and outbound traffic.

## Backup

From	To	Protocol	Port	Notes
Veeam Backup Server / Guest Interaction Proxy (Enterprise and Enterprise Plus editions)	Exchange Server VM Guest OS	TCP, UDP	135, 137 to 139, 445	Ports used to deploy the runtime coordination process on a VM guest OS.
		TCP	6005 to 65535	<p>The dynamic RPC range that is used by the runtime coordination process which is deployed on a VM guest OS for application-aware processing (when working over the network).</p> <p><b>Note:</b> Microsoft Exchange (in particular, Client Access) expands standard Windows dynamic RPC port range to provide a better scalability. For more information, see <a href="#">this Microsoft article</a>.</p>
Exchange Server VM Guest OS	Veeam Backup Server / Guest Interaction Proxy (Enterprise and Enterprise Plus editions)	TCP	6005 to 65535	<p>The dynamic RPC range that is used by the runtime coordination process which is deployed on a VM guest OS for application-aware processing (when working over the network).</p> <p><b>Note:</b> Microsoft Exchange (in particular, Client Access) expands standard Windows dynamic RPC port range to provide a better scalability. For more information, see <a href="#">this Microsoft article</a>.</p>

### NOTE

Configuring dynamic RPC range is not required when using default Microsoft Windows firewall settings as Veeam Backup & Replication automatically creates an associated firewall rule for the runtime process during installation. When using custom firewall settings or if application-aware processing fails with the *RPC function call failed* error, make sure to configure dynamic RPC ports manually. For more information, see [this Microsoft article](#).

## Restore

From	To	Protocol	Port	Notes
Veeam Backup Server / Standalone Console	Microsoft Exchange 2013/2016/2019 CAS Server	TCP	443	Port used for Microsoft Exchange web services connections.

# Permissions

The following table lists required permissions for data restore and data compare.

Operation	Required Roles and Permissions
Restore to Microsoft 365 and on-premises Microsoft Exchange	<p>To restore data to Microsoft 365 and on-premises Microsoft Exchange organizations, you must grant the following roles and permissions to user accounts:</p> <p><b>Restore to Public Folder Using Basic Authentication Method</b></p> <ul style="list-style-type: none"><li>• The account must own a mailbox on a target Microsoft Exchange server.</li><li>• The account must be a member of the <i>Organization Management</i> role group on a target Microsoft Exchange server. See <a href="#">Adding User Account to Organization Management Role Group</a>.</li><li>• [For restore of <i>In-Place Hold Items</i> to the original location] If the <i>In-Place Hold Items</i> folder already exists, make sure the account being used can create, modify and delete items. If the <i>In-Place Hold Items</i> folder does not exist, the account being used must be able to create folders under the <i>All Public Folders</i> root node.</li></ul> <p><b>Restore to Mailbox Using Basic Authentication Method</b></p> <ul style="list-style-type: none"><li>• If the account owns a mailbox, make sure it has <i>Full Access</i>.</li><li>• If the account does not own a mailbox, then access must be granted through impersonation. See <a href="#">Granting Full Access</a>.</li></ul> <p><b>Restore Using Modern Authentication Method</b></p> <p>The account used to log in to Microsoft 365 must be assigned the following roles:</p> <ul style="list-style-type: none"><li>• <i>ApplicationImpersonation</i> role. For more information, see <a href="#">this Microsoft article</a>.</li><li>• <i>Global Administrator</i> or <i>Exchange Administrator</i> role.</li></ul> <p>Also make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the <a href="#">Configuring Azure AD Application Settings</a> section of the Veeam Backup for Microsoft 365 User Guide.</p>
Compare Data with Production Environment	<p>The Veeam Backup account must have a valid Exchange Online license and an active mailbox within the Microsoft 365 organization.</p>

# Examples

## Adding User Account to Organization Management Role Group

To add user account to the *Organization Management* role group, use the following cmdlet:

```
Add-RoleGroupMember "Organization Management" -Member "<user_account>"
```

For more information about the *Add-RoleGroupMember* cmdlet, see [this Microsoft article](#).

## Granting Full Access

To grant *Full Access* to the account that owns a mailbox, use the following cmdlet:

```
Add-MailboxPermission -Identity "<target_mailbox>" -User "<user_account>" -AccessRights FullAccess -InheritanceType All
```

For more information about the *Add-MailboxPermission* cmdlet, see [this Microsoft article](#).

To grant *Full Access* to the account that does not own a mailbox (in particular, through impersonation), use the following cmdlet:

```
New-ManagementRoleAssignment -Name "<role_name>" -Role ApplicationImpersonation -User "<user_account>"
```

For more information about the *New-ManagementRoleAssignment* cmdlet, see [this Microsoft article](#).

## Recalling Given Permissions

To recall given access level, run one of the following cmdlets:

```
Remove-ManagementRoleAssignment "<role_name>"
```

```
Remove-ManagementRoleAssignment -Identity "<role_name>"
```



# Required Backup Job Settings

This requirement applies to backup jobs created by Veeam Backup & Replication.

When you create a backup job, make sure to enable the **application-aware image processing** option. For more information, see the [Specify Guest Processing Settings](#) section of the Veeam Backup & Replication User Guide.

## NOTE

By default, Exchange transaction logs will be truncated upon successful backup. To keep transaction logs for further processing by a third-party application, select the Exchange server VM from the list, click **Edit** and on the **General** tab select **Perform copy only**.

## Support for Database Availability Groups (DAG)

Veeam Backup & Replication supports any configuration of DAGs. In particular, having all the databases active on a single node or with the active databases on each node. Transaction logs will be truncated on all DAG members.

For more information and recommendations, see the following articles:

- [How to virtualize and protect Exchange 2016](#)
- [Veeam Knowledge Base article](#)

# Considerations and Limitations

This section lists considerations and limitations of Veeam Explorer for Microsoft Exchange.

## General

When Veeam Explorer for Microsoft Exchange is installed on a server on which both Veeam Backup & Replication and Veeam Backup for Microsoft 365 are installed, the notification settings will be inherited from the Veeam Backup & Replication Global Notification settings.

## Restore

- Veeam Explorer for Microsoft Exchange does not support restore using PowerShell Direct, VIX API or vSphere Automation API.
- Sending objects that exceed 3 MB in size may fail. To fix this issue, install [this Microsoft update](#).
- Bulk restore (restore of multiple objects) is not supported for public folder mailboxes. Use the regular per-object restore instead.
- Bulk restore of Exchange mailboxes can be performed to the original location only. Use a single mailbox, folder or item restore if you want to restore such objects to another location.
- Mailboxes can be restored only to mailboxes of the same type. For example, a user mailbox to a user mailbox, an archive mailbox to an archive mailbox.
- To restore *In-Place Hold Items* or *Litigation Hold Items* to the original location, consider the following:
  - *In-Place Hold Items* restore is not supported for On-Premises Exchange Server 2013 due to EWS limitations.
  - To restore *In-Place Hold Items* of Exchange 2016 mailboxes, these mailboxes must have *In-Place Hold* enabled and applied at least once with *DiscoveryHolds* system folder creation. Otherwise, restore will fail with the following error:  
  
*"Failed to restore In-Place Hold Items. Restore of In-Place Hold Items into Exchange 2013 is not supported".*  
  
For information on enabling *In-Place Hold* and *Litigation Hold*, see [this Microsoft article](#).
- [For Veeam Explorer for Microsoft Exchange that comes with Veeam Backup & Replication] Restore of an entire mailbox or selected mailbox items to the original location is available with Veeam Universal License. When using a legacy socket-based license, the *Enterprise* or *Enterprise Plus* editions of Veeam Backup & Replication is required.

### NOTE

To use an internet proxy server to restore backups created by Veeam Backup for Microsoft 365, make sure to provide appropriate proxy server address and the port number. To do this, go to the **Control Panel > Internet Options Connections** tab, click **LAN Settings**, select the **Use a proxy server for your LAN** check box and specify a proxy server you want to use. Credentials for such a proxy (if needed) will be taken from the **Control Panel > Credential Manager > Windows Credentials** console.

Consider that this functionality is only available in Veeam Explorer for Microsoft Exchange that comes as part of the Veeam Backup for Microsoft 365 installation package.

# Export

- Export is available if you have a 64-bit version of Microsoft Outlook 2010 or later installed on a computer with Veeam Explorer for Microsoft Exchange.

## NOTE

For Outlook for Microsoft 365, only the *Semi-Annual Enterprise Channel* is supported. For more information, see [this Microsoft article](#).

- To avoid conflicts during export, make sure to exclude PST files from the indexing scope. Oftentimes conflicts may occur due to a file you are exporting is being indexed at the same time. When exporting to shared folders, exclude Outlook files or disable Windows search on the destination computer.

# Launching Application and Exploring Backups

To open Veeam Explorer for Microsoft Exchange and load backups, you can use any of the following methods:

- The **Explore** option to load backups created by Veeam Backup for Microsoft 365. For more information, see the [Data Restore](#) section of the Veeam Backup for Microsoft 365 User Guide.

When loading backups located in object storage, Veeam Explorer for Microsoft Exchange will notify you about the location of these backups. You can select the **Don't show this message again** check box to unsubscribe from such notifications. To disable these notifications, clear the **Show pop-up notifications on startup** check box. For more information, see [Advanced Settings](#).

- The **Restore application item** option to load backups created by Veeam Backup & Replication.

For more information, see the [Application Items Restore](#) section of the Veeam Backup & Replication User Guide.

- Go to **Start**, click **Veeam Explorer for Microsoft Exchange** and manually open Microsoft Exchange databases. For more information, see [Standalone Databases and External Servers](#).

When you open Veeam Explorer for Microsoft Exchange from the **Start** menu, all backed-up databases will be loaded automatically.

If you open Veeam Explorer for Microsoft Exchange from the **Start** menu on a machine that runs the Veeam Backup & Replication console and Veeam Explorers only, specify the following:


- The domain name or IP address of a server to which you want to connect.
- The port number.
- User account credentials.

Consider the following:

- To perform restore operations, Veeam Explorer for Microsoft Exchange must be run with elevated permissions. The user account must be a member of the local *Administrators* group on the machine where Veeam Explorer for Microsoft Exchange is installed.
- The account must have the Veeam Backup Administrator or Veeam Restore Operator role on the target backup server.

To use the account under which Veeam Explorer for Microsoft Exchange is running, select **Use Windows session authentication**.

To save the connection shortcut to the desktop, click **Save shortcut** in the bottom-left corner.



Veeam Explorer

for Microsoft Exchange

Type in a backup server name or IP address, backup service port number, and user credentials to connect with.

backup01.tech.local

9392

TECH\Administrator

.....

☐ Use Windows session authentication

[Save shortcut](#)

Connect

Close

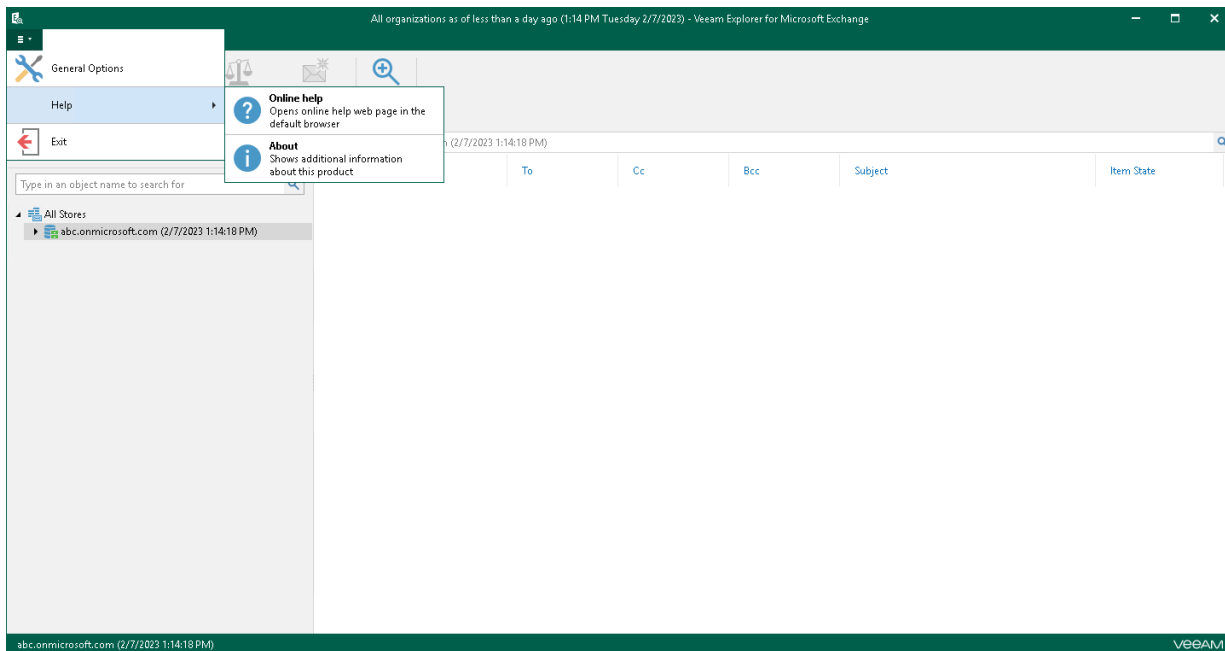
# Understanding User Interface

The user interface of Veeam Explorer for Microsoft Exchange is designed to let you quickly find commands that you need to restore and export Microsoft Exchange data from backups created by Veeam Backup for Microsoft 365 and Veeam Backup & Replication.

## Main Menu

The main menu comprises the following:

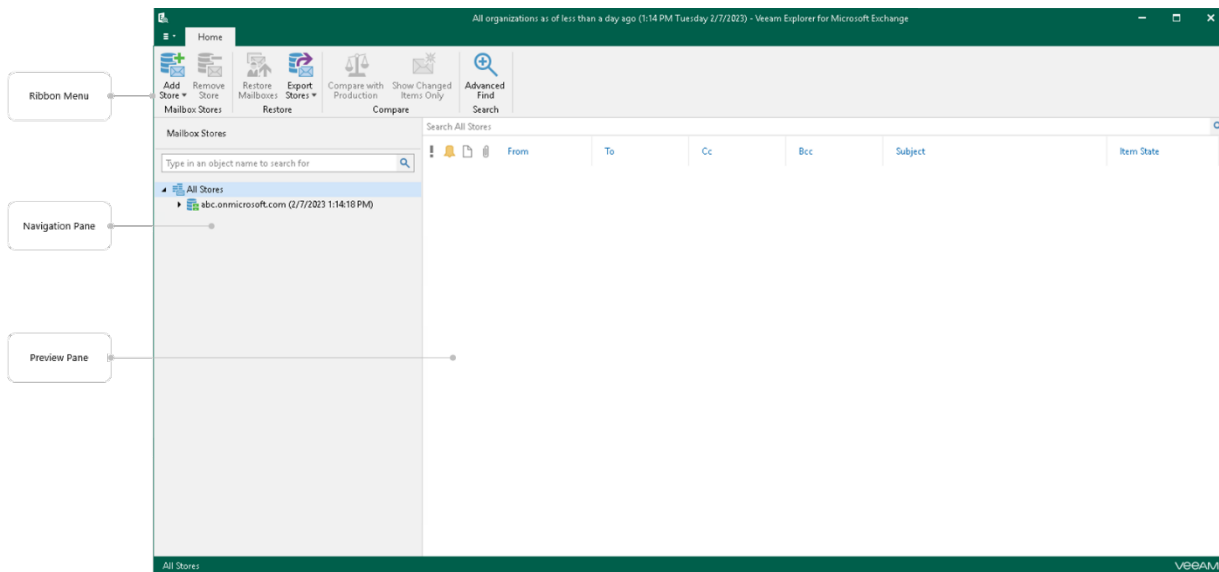
- **General Options.** Allows you to configure general application settings. For more information, see [General Application Settings](#).
- **Help.**
  - **Online help.** Opens the online help page.
  - **About.** Shows the additional information including build number.
- **Exit.** Closes the Veeam Explorer for Microsoft Exchange window.



# Main Application Window

The main application window can be divided into three categories:

- The ribbon that contains operation commands organized into logical groups represented as tabs. The ribbon is displayed at the top of the main application window.
- The navigation pane that allows you to browse through the hierarchy of folders with backed-up data. Also, it allows you to search for mailboxes using keywords.
- The preview pane that provides search capabilities and allows you to view details about items that are contained in a folder you have selected in the navigation pane.



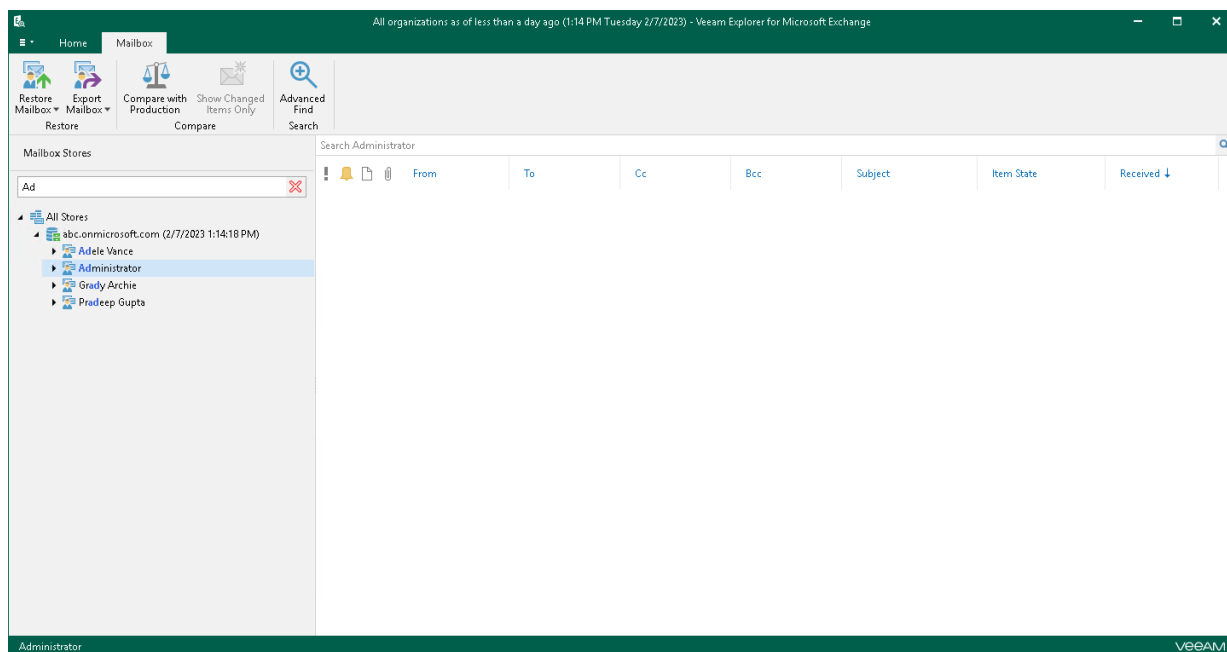
# Browsing, Searching and Viewing Items

You can use Veeam Explorer for Microsoft Exchange to view the contents of a backup file, open messages, search for mailboxes and for items in a backup file as well as customize criteria of your search.

## Searching for Mailboxes

You can use keywords to search for mailboxes in the database structure containing your Exchange objects. To do this, enter a search query in the search field at the top of the navigation pane.

To remove a keyword, click the cross mark.

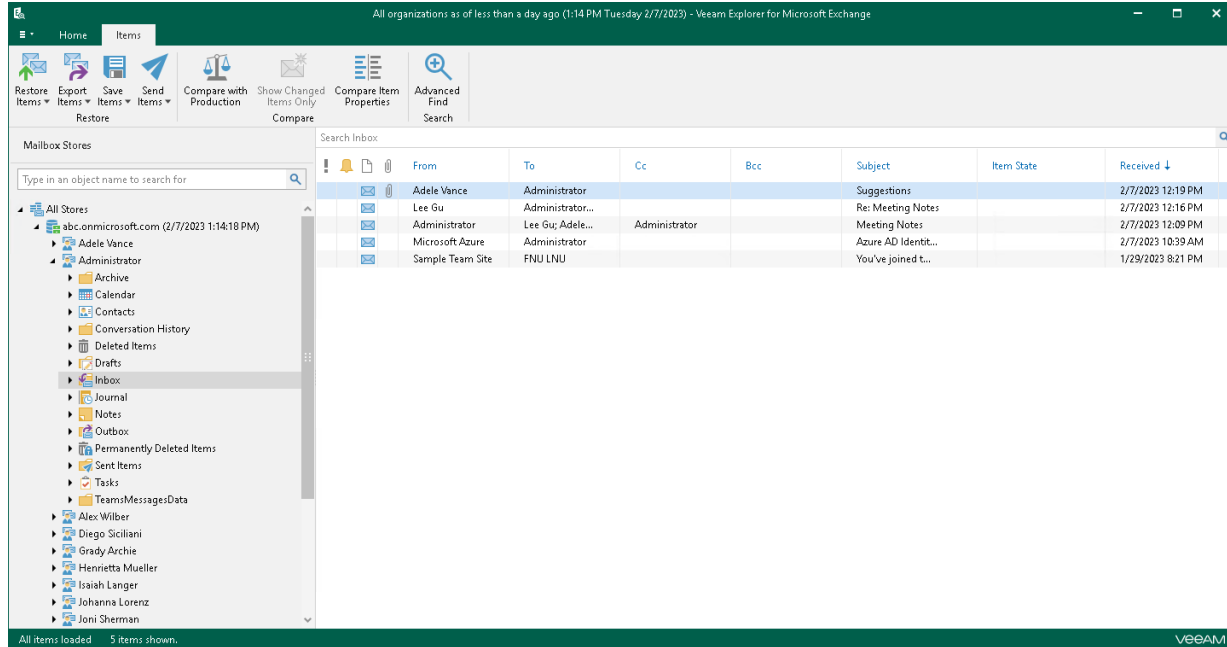




# Browsing Backup Content

To view the contents of a backup file, you use the navigation pane which shows you the database structure containing your Exchange objects.

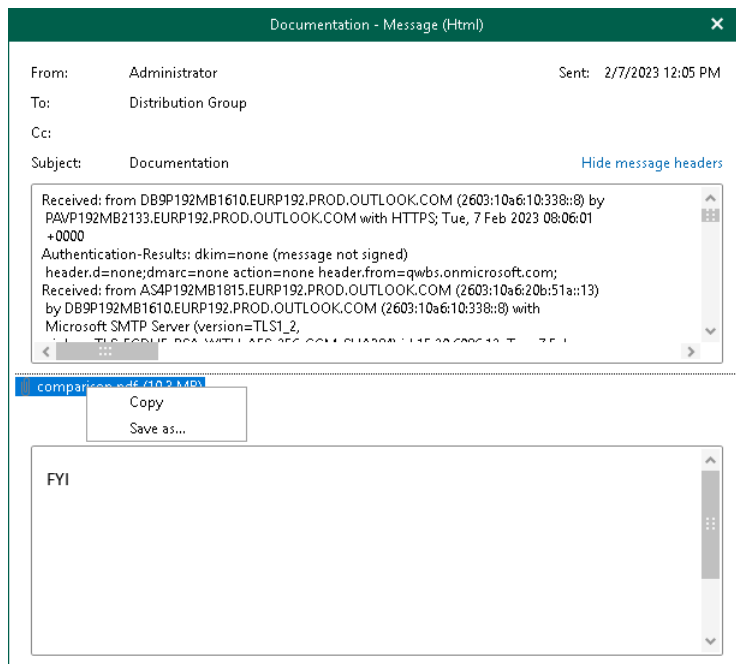
After you select an object in the navigation pane, you can see its content in the preview pane.



## Opening Messages

To open a message, right-click a message in the preview pane and select **Open**. You can also double-click a message:

- To show message headers, click **Show message headers**.
- To open attachments, double-click an attachment.
- To save attachments, right-click an attachment and select **Save as**.



## Searching for Objects in Backup File

The search mechanism allows you to find items matching specified search criteria.

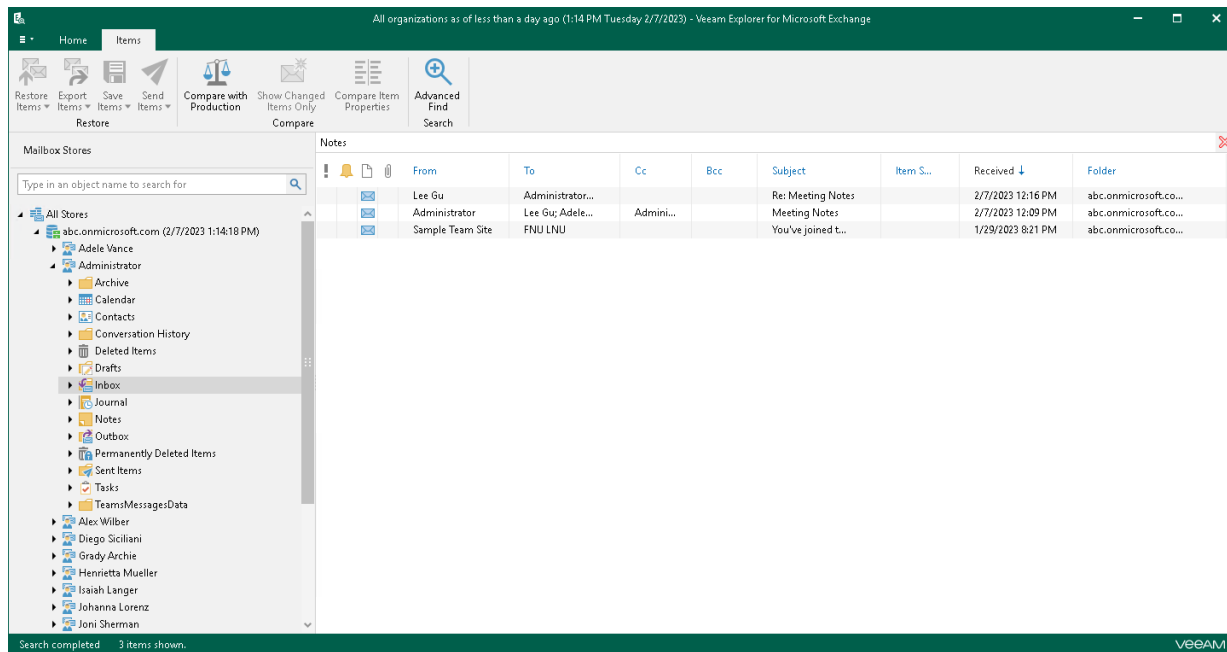
To search for required items, do the following:

1. In the navigation pane, select an object in which you want to find data.
2. Enter a search query in the search field at the top of the preview pane.

### NOTE

To find the exact phrase, use double quotes. For example, "*Microsoft 365*".

You can narrow search results by specifying various search criteria using the *criteria:value* format. You can also use logical upper-cased operators such as *AND*, *OR* and *NOT* along with wildcard characters such as *\** and *?*.



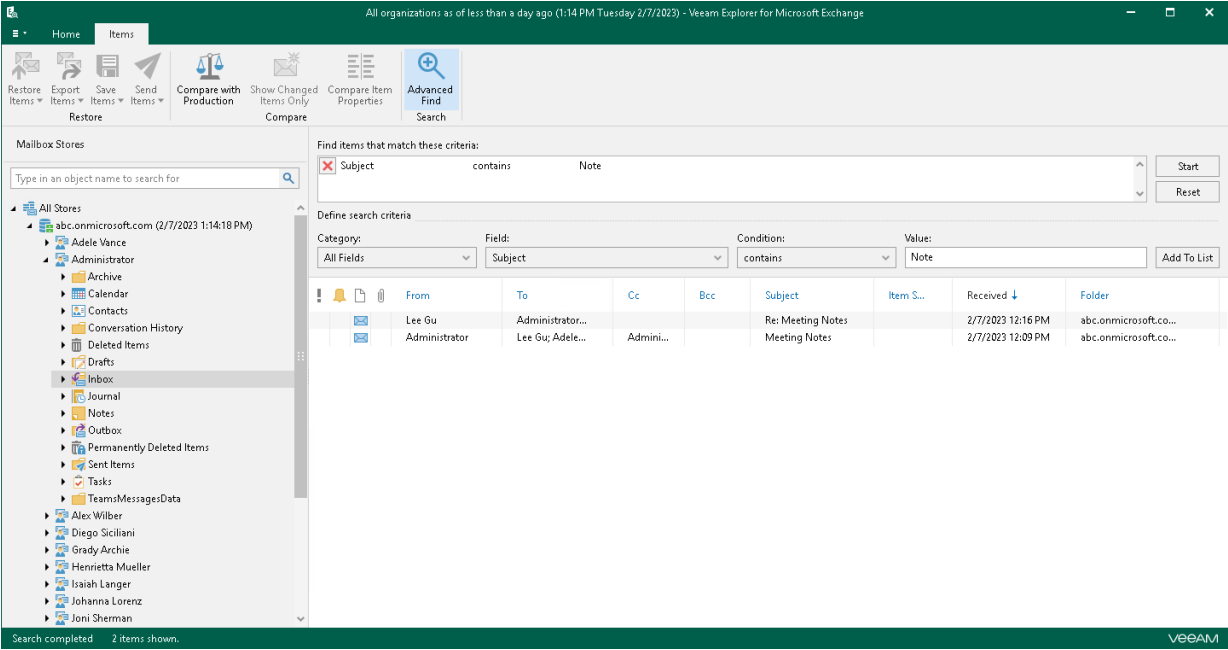
## Using Advanced Find

The **Advanced Find** mechanism allows you to define your search criteria more precisely.

For example, to find messages with the subject *Report*, do the following:

1. In the preview pane, select a node and click **Advanced Find** on the ribbon.
2. In the **Define search criteria** section, select **Category** > **All fields**.
3. In the **Field** list, select **Subject**.
4. In the **Condition** list, select **contains**.
5. In the **Value** field, specify a substring to look for.
6. Click **Add to List** and then click **Start**.

To remove a filter, click the cross mark on the left. To remove all configured filters, click **Reset**.



# General Application Settings

You can configure general settings for Veeam Explorer for Microsoft Exchange.

# Extensible Storage Engine

To work with database files, Veeam Explorer for Microsoft Exchange requires a dynamic link library `ese.dll` which is distributed with Microsoft Exchange.

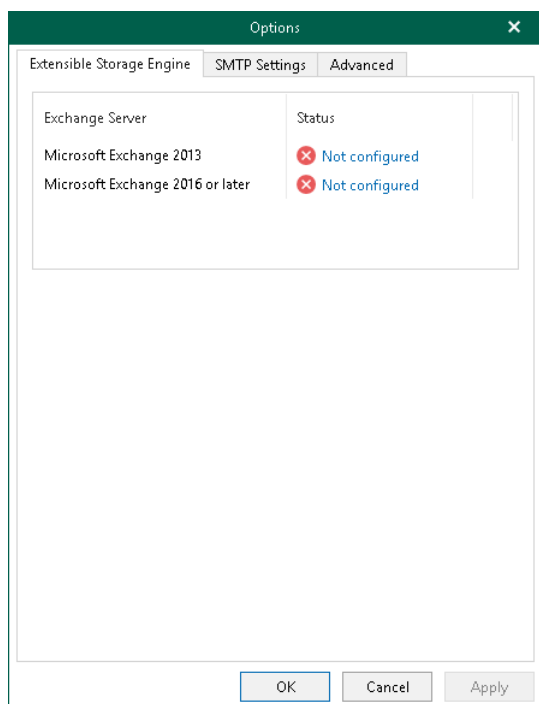
The `ese.dll` file must be of the same version as the Microsoft Exchange application that was used to create a database. When restoring a VM that was backed up with application-aware image processing, the `ese.dll` file will be located automatically.

To specify the path to the `ese.dll` file, do the following:

1. In the main menu, click **General Options**.
2. Open the **Extensible Storage Engine** tab.
3. Click the link next to the Microsoft Exchange version and specify the path to the `ese.dll` file.

This file can be found on the Microsoft Exchange server distribution CD in the `X:\Setup\ServerRoles\Common\ese.dll` directory or in the installation directory of the Microsoft Exchange server.

4. Click **OK**.

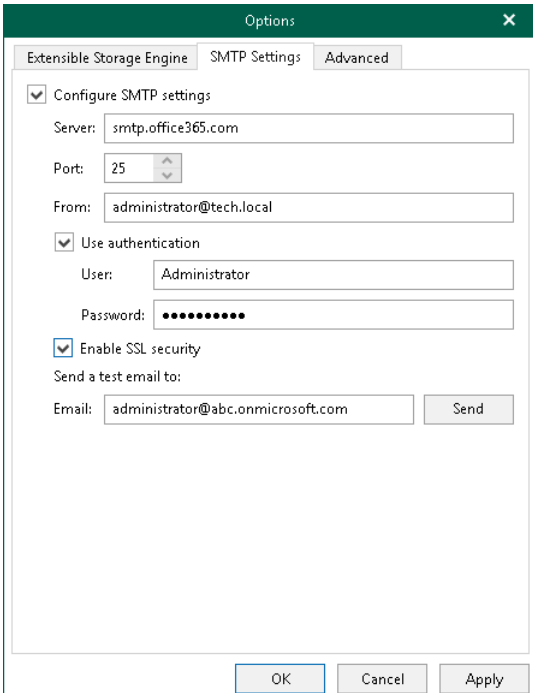


# SMTP Settings

Veeam Explorer for Microsoft Exchange allows you to send Exchange items that are located in a backup through email and deliver [export reports](#). To do this, you must configure an SMTP server which you want to use for sending emails.

To configure SMTP settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **SMTP Settings** tab.
3. Select the **Configure SMTP settings** check box and do the following:
  - a. In the **Server** field, specify a DNS name or IP address of the SMTP server.
  - b. In the **Port** field, specify a port number of the specified SMTP server.  
The default port number is 25. If you want to use SSL data encryption, specify port 587.
  - c. In the **From** field, specify the sender email address.
  - d. If the specified SMTP server requires an authentication for outgoing mail, select the **Use authentication** check box and provide valid credentials.
  - e. Select the **Enable SSL security** check box to enable SSL data encryption.
4. Click **Send** to send a test email message.
5. Click **OK**.



The screenshot shows the 'Options' dialog box with the 'SMTP Settings' tab selected. The 'Configure SMTP settings' checkbox is checked. The 'Server' field contains 'smtp.office365.com', the 'Port' is set to 25, and the 'From' field contains 'administrator@tech.local'. The 'Use authentication' checkbox is also checked, with 'Administrator' in the 'User' field and a masked password in the 'Password' field. The 'Enable SSL security' checkbox is checked. At the bottom, the 'Send a test email to:' section has the 'Email' field set to 'administrator@abc.onmicrosoft.com' and a 'Send' button. The dialog has 'OK', 'Cancel', and 'Apply' buttons at the bottom right.

# Advanced Settings

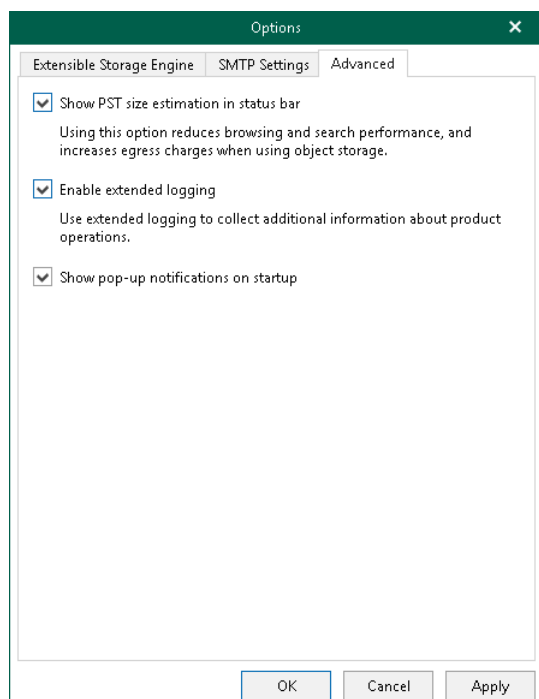
Veeam Explorer for Microsoft Exchange allows you to configure advanced settings such as extended logging mode, pop-up notifications and PST size availability.

To configure advanced settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **Advanced** tab.
3. If you want to see the estimated size of the Outlook database file in the status bar, select the **Show PST size estimation in status bar** check box.
4. If you want to enable extended logging mode to collect logs that contain additional information on specific operations, select the **Enable extended logging** check box.

After enabling extended logging mode, you can go back to the application and perform actions for which you want to collect additional information. Then you can collect logs.

5. By default, Veeam Explorer for Microsoft Exchange displays notifications when loading backups created by Veeam Backup for Microsoft 365 from object storage. If you want to disable these notifications, clear the **Show pop-up notifications on startup** check box.
6. Click **OK**.





# Standalone Databases and External Servers

You can add standalone databases to the Veeam Explorer for Microsoft Exchange scope as well as connect to a Veeam Backup for Microsoft 365 server or service provider server to view backups located on these servers.

Veeam Explorer for Microsoft Exchange supports adding databases created with the following Microsoft Exchange versions:

- Microsoft Exchange Server 2019
- Microsoft Exchange Server 2016
- Microsoft Exchange Server 2013

# Adding Microsoft Exchange Databases

You can add Microsoft Exchange databases to the application scope manually.

Veeam Explorer for Microsoft Exchange supports adding databases created with the following Microsoft Exchange versions:

- Microsoft Exchange Server 2019
- Microsoft Exchange Server 2016
- Microsoft Exchange Server 2013

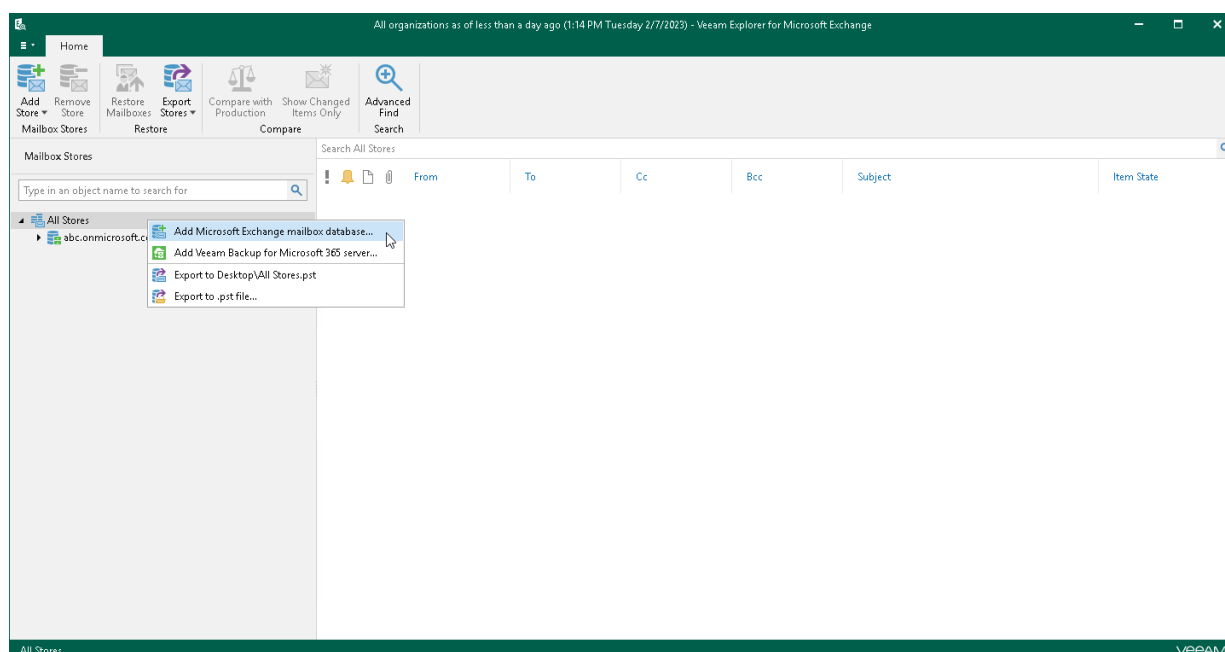
## NOTE

Consider the following:

- Before adding databases, make sure that Veeam Explorer for Microsoft Exchange has access to the `ese.dll` file. For more information, see [Extensible Storage Engine](#).
- If a database is in *Dirty State*, you will need to recover it by applying log files. Click **Recover** and wait until log files are applied, then re-add the database. Make sure that the **Write** permission is granted to the account being used.
- Make sure you have disabled the *Veeam Backup Proxy for Microsoft Office 365* service when adding local databases. You can stop this service by using the `services.msc` console. If you try to add a database having this service still in progress, you will receive an error message and will not be able to access the database due to database lock.

To manually add a Microsoft Exchange database, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Store > Microsoft Exchange mailbox database** on the ribbon.
  - Right-click the **All Stores** node and select **Add Microsoft Exchange mailbox database**.
2. Click **Browse** to specify the path to the `.edb` or `.adb` file and Exchange logs folder.



# Adding Veeam Backup for Microsoft 365 Server

In Veeam Explorer for Microsoft Exchange, you can connect to a Veeam Backup for Microsoft 365 server to view backups located on this server.

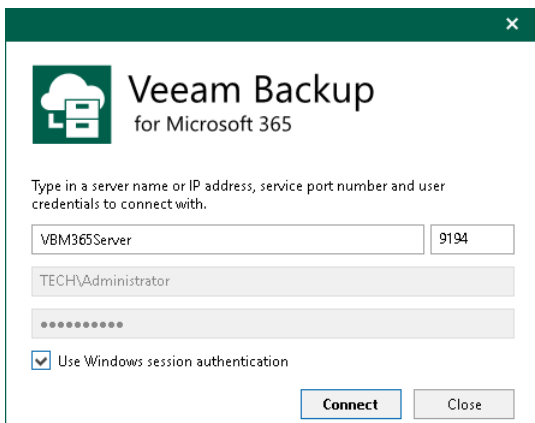
To connect to a Veeam Backup for Microsoft 365 server, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Store > Veeam Backup for Microsoft 365 server** on the ribbon.
  - Right-click the **All Stores** node and select **Add Veeam Backup for Microsoft 365 server**.

2. Specify a server name or IP address and enter credentials to access the specified server.

Select the **Use Windows session authentication** check box to connect with the user account under which you are currently logged in.

3. Click **Connect**.



The screenshot shows a dialog box titled "Veeam Backup for Microsoft 365". It contains a text prompt: "Type in a server name or IP address, service port number and user credentials to connect with." Below this are three input fields: the first contains "VBM365Server", the second contains "9194", and the third contains "TECH\Administrator". There is a password field with masked characters. A checkbox labeled "Use Windows session authentication" is checked. At the bottom are "Connect" and "Close" buttons.

# Adding Veeam Backup for Microsoft 365 Service Provider

In Veeam Explorer for Microsoft Exchange, you can connect to a service provider server to add its backups to the application scope and perform a restore directly from such backups.

## NOTE

Make sure that both Veeam Explorer for Microsoft Exchange and Veeam Backup & Replication are installed on the same server and at least one service provider is added to Veeam Backup & Replication. For more information, see the [Connecting to Service Providers](#) section of the Veeam Cloud Connect Guide.

To add Veeam Backup for Microsoft 365 service providers, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Store > Veeam Backup for Microsoft 365 service provider** on the ribbon.
  - Right-click the **All Stores** node and select **Add Veeam Backup for Microsoft 365 service provider**.
2. From the **Select service provider and authentication method** drop-down list, select a service provider that you want to add and select an authentication method that can be either *Modern authentication* or *Basic authentication*.
3. [For *Modern authentication*] Select a region to which a Microsoft 365 organization of the selected service provider belongs.
4. [For *Modern authentication*] Copy the device code and use it to sign in to Azure Active Directory.

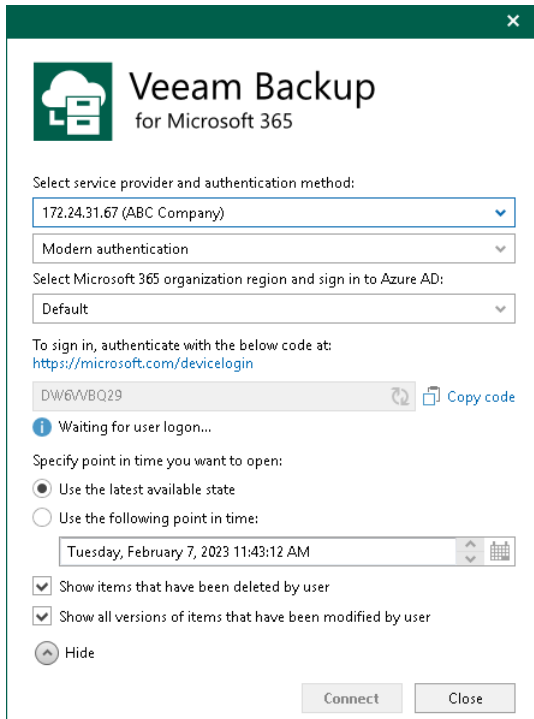
For *Basic authentication*, you must enter a user name and password to connect to the service provider server.

## NOTE

You cannot use *Basic authentication* to load backups if a Microsoft 365 organization has been added to the service provider infrastructure using *Modern authentication*.

5. Select a point-in-time state as of which you want to load Microsoft 365 backups.  
To select a point in time, use the calendar control.
6. Select the **Show items that have been deleted by user** check box to see all the items that were removed.
7. Select the **Show all versions of items that have been modified by user** check box if you want to load modified versions.

8. Click **Connect**.



The image shows a Windows-style dialog box titled "Veeam Backup for Microsoft 365". It contains several configuration options for connecting to a Microsoft 365 organization. At the top, there's a header with the Veeam logo and the product name. Below that, a section titled "Select service provider and authentication method:" contains two dropdown menus. The first dropdown is set to "172.24.31.67 (ABC Company)" and the second is set to "Modern authentication". Below these, another section titled "Select Microsoft 365 organization region and sign in to Azure AD:" has a dropdown menu set to "Default". A message states "To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>". Below this message is a text field containing the code "D'W6VVBQ29" and a "Copy code" button. An information icon and the text "Waiting for user logon..." are displayed. A section titled "Specify point in time you want to open:" has two radio buttons: "Use the latest available state" (which is selected) and "Use the following point in time:". Below the radio buttons is a date and time picker showing "Tuesday, February 7, 2023 11:43:12 AM". There are two checked checkboxes: "Show items that have been deleted by user" and "Show all versions of items that have been modified by user". At the bottom left, there is a "Hide" button with an upward arrow icon. At the bottom right, there are two buttons: "Connect" and "Close".

Veeam Backup  
for Microsoft 365

Select service provider and authentication method:


172.24.31.67 (ABC Company)


Modern authentication

Select Microsoft 365 organization region and sign in to Azure AD:

Default

To sign in, authenticate with the below code at:  
<https://microsoft.com/devicelogin>

D'W6VVBQ29  [Copy code](#)

 Waiting for user logon...

Specify point in time you want to open:


☒ Use the latest available state

☐ Use the following point in time:

Tuesday, February 7, 2023 11:43:12 AM

☒ Show items that have been deleted by user

☒ Show all versions of items that have been modified by user

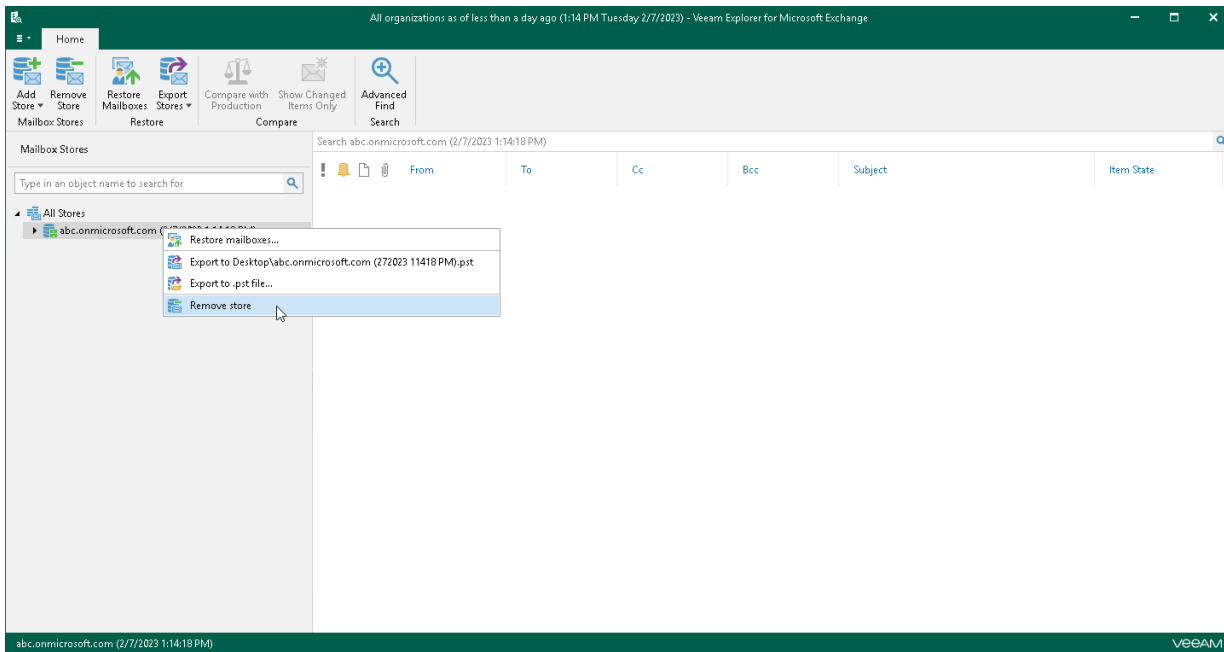
 Hide

[Connect](#) [Close](#)

# Removing Stores

Veeam Explorer for Microsoft Exchange allows you to remove an Exchange store from the application scope when you no longer need it.

To remove a store from the application scope, right-click a store in the navigation pane and select **Remove store**.



# Data Restore

You can use Veeam Explorer for Microsoft Exchange to restore data to [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

Veeam Explorer for Microsoft Exchange allows you to perform granular restore of Microsoft Exchange data. You can restore data of mailboxes and mailbox folders as well as specific emails, calendar items, contacts, tasks, notes, journal items, and so on.

## TIP

Before restoring data, make sure to read [Considerations and Limitations](#).

# Restore to Microsoft 365 Organizations

You can restore data to Microsoft 365 organizations with enabled [multi-factor authentication](#) (MFA) and [security defaults](#).

For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

When you perform a restore, you can specify a target mailbox, select an authentication method that you want to use for data restore, specify a target folder to which you want to restore data and configure restore options.

You can also use [1-Click Restore](#) if you do not want to configure a restore session and prefer to use the default settings during a restore.

## Restoring Single Mailbox, Folder or Item

To restore a single mailbox, folder or item, do the following:

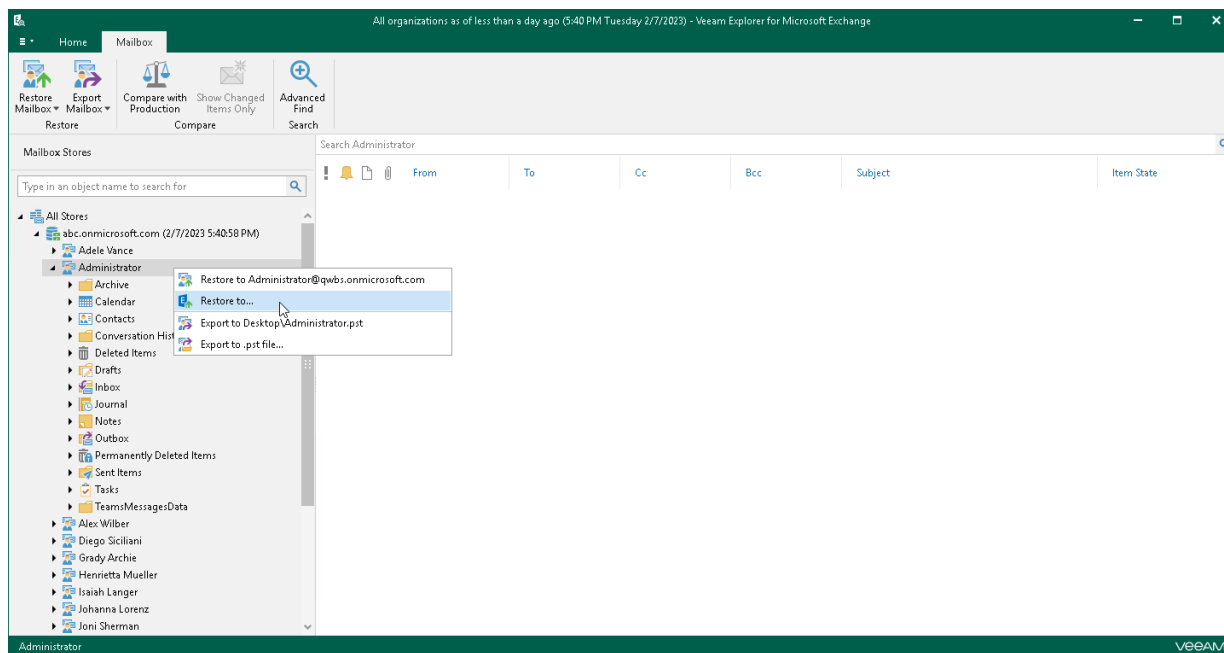
1. [Launch the Restore wizard](#).
2. [Specify a target mailbox](#).
3. [Select an authentication method](#).
4. [Log in to Microsoft 365](#).
5. [Specify a CAS server](#).
6. [Specify a target folder](#).
7. [Specify restore options](#).



## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a mailbox, folder or item that you want to restore.
2. Do one of the following:
  - On the **Mailbox/Folder/Items** tab, click **Restore Mailbox/Restore Folder/Restore Item** > **Restore to** on the ribbon.
  - Right-click a mailbox, folder or an item and select **Restore to**.



## Step 2. Specify Target Mailbox

At this step of the wizard, specify the target mailbox and mailbox location.

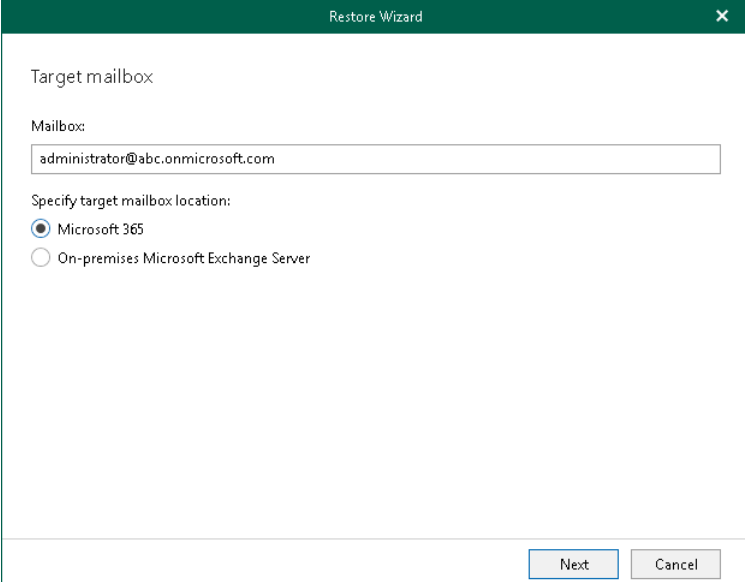
To specify mailbox settings, do the following:

1. In the **Mailbox** field, enter a mailbox name to which you want to restore data.

You can specify any name that you want. You can also restore a mailbox to a different organization. For example, you have backed up a mailbox *administrator@abc.onmicrosoft.com*. To restore such a mailbox to a different organization, you can specify, for example, *administrator@xyz.onmicrosoft.com* to restore a mailbox to the *xyz.onmicrosoft.com* organization.

2. Select **Microsoft 365** to restore the specified mailbox to an Exchange Online organization with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

You can also perform a restore of backups created for Exchange Online organizations to on-premises Microsoft Exchange servers and vice versa. For more information, see [Restore to On-Premises Microsoft Servers](#).



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The window has a dark green header bar. Below the header, the text "Target mailbox" is displayed. Underneath, the label "Mailbox:" is followed by a text input field containing the email address "administrator@abc.onmicrosoft.com". Below the input field, the text "Specify target mailbox location:" is followed by two radio button options. The first option, "Microsoft 365", is selected with a filled blue circle. The second option, "On-premises Microsoft Exchange Server", is unselected with an empty circle. At the bottom right of the window, there are two buttons: "Next" and "Cancel".

## Step 3. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

To use modern authentication, do the following:

1. From the **Specify authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified mailbox back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. From the **Region** drop-down list, select a region to which your Exchange Online organization belongs.
3. In the **Organization name** field, enter a name of your Exchange Online organization.

Make sure that the organization name matches the name specified at the [previous step](#) of the wizard.

4. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Exchange populates this field with an identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

Restore Wizard

Microsoft 365 connection settings

Specify authentication method:

Modern authentication

Specify region, organization name and Azure AD application to connect with:

Region:

Default

Organization name:

abc.onmicrosoft.com

Application ID:

e7268d27-0165-4778-9db6-5cfc80a7636

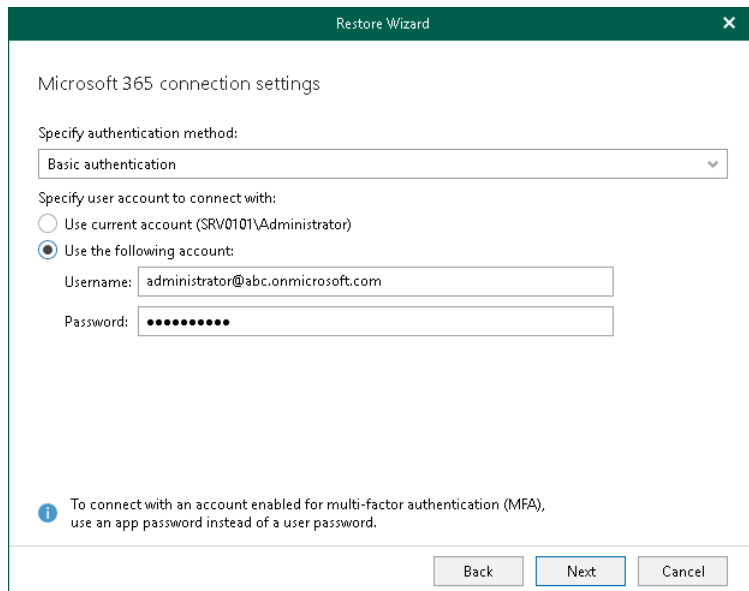
Back Next Cancel

# Basic Authentication

To use basic authentication, do the following:

1. From the **Specify authentication method** drop-down list, select *Basic authentication*.
2. Enter credentials to connect to the Exchange organization.

Make sure that the account that you use has both the *Exchange Administrator* and the *Global Administrator* roles.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings".

Under the heading "Specify authentication method:", there is a dropdown menu currently showing "Basic authentication".

Under the heading "Specify user account to connect with:", there are two radio button options:

- ☐ Use current account (SRV0101\Administrator)
- ☒ Use the following account:

Below the "Use the following account:" option, there are two text input fields:

- "Username:" with the text "administrator@abc.onmicrosoft.com" entered.
- "Password:" with a masked password represented by eight dots.

At the bottom left, there is an information icon (i) followed by the text: "To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password."

At the bottom right, there are three buttons: "Back", "Next" (which is highlighted with a blue border), and "Cancel".

## Step 4. Log In to Microsoft 365

This step is only available if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

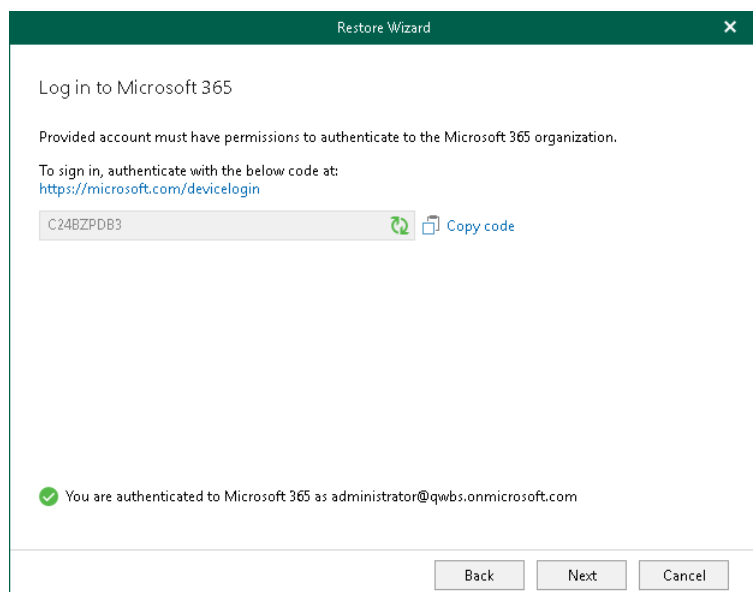
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



## Step 5. Specify CAS Server and Target Folder

This step is only available if you have selected the *Basic Authentication* option at the [Select Authentication Method](#) step.

At this step of the wizard, specify a CAS server and provide a folder to which you want to restore data. You can perform a restore to the original folder or specify a custom folder.

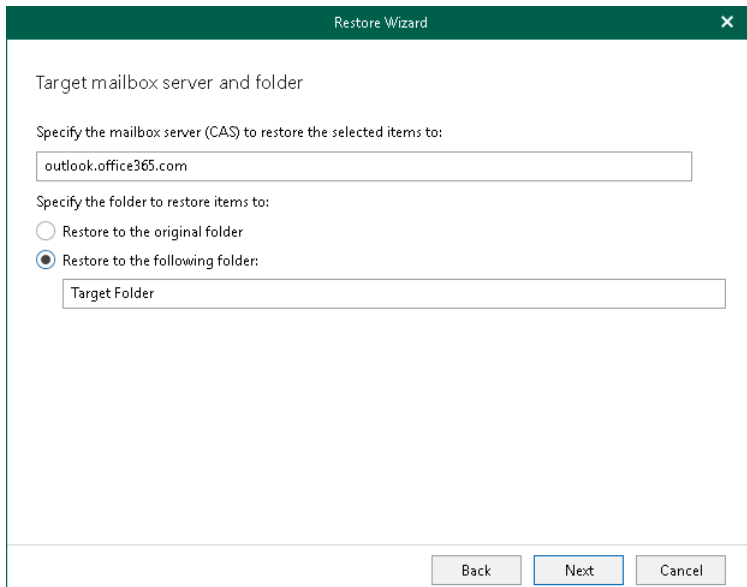
To provide a CAS server and target folder, do the following:

1. Specify a CAS server name or IP address.

This field is populated automatically with the CAS server address from your domain. You can also enter a CAS server manually.

2. Select a folder to which you want to restore data. You can perform a restore to the original folder or specify a custom folder.

When you select to restore to a custom folder, Veeam Explorer for Microsoft Exchange checks if the specified folder exists, if not, it creates a folder automatically. For example, if you specify a path like *Folder1/Folder2/Folder3*, Veeam Explorer for Microsoft Exchange will restore your data to the *Folder3*. You can use both the slash ("/") and the backslash ("\") characters when specifying a path.



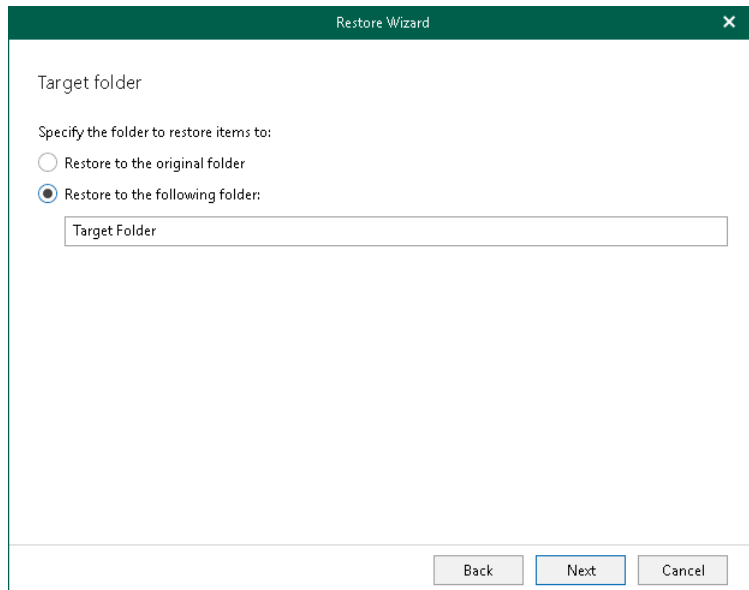
The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main area is titled 'Target mailbox server and folder'. It contains two sections: 'Specify the mailbox server (CAS) to restore the selected items to:' with a text box containing 'outlook.office365.com', and 'Specify the folder to restore items to:' with two radio button options. The first option is 'Restore to the original folder' (unselected). The second option is 'Restore to the following folder:' (selected), with a text box below it containing 'Target Folder'. At the bottom right, there are three buttons: 'Back', 'Next' (highlighted with a blue border), and 'Cancel'.

## Step 6. Specify Target Folder

This step is only available if you have selected the *Modern Authentication* option at the [Select Authentication Method](#) step.

At this step of the wizard, select a target folder to which you want to restore the [specified mailbox](#). You can perform a restore to the original folder or specify a custom folder.

When you select to restore to a custom folder, Veeam Explorer for Microsoft Exchange checks if the specified folder exists, if not, it creates a folder automatically. For example, if you specify a path like *Folder1/Folder2/Folder3*, Veeam Backup for Microsoft 365 will restore your data to the *Folder3*. You can use both the slash ("/") and the backslash ("\") characters when specifying a path.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main area is labeled "Target folder". Below this, it says "Specify the folder to restore items to:". There are two radio button options: "Restore to the original folder" (which is unselected) and "Restore to the following folder:" (which is selected). Below the selected option is a text input field containing the placeholder text "Target Folder". At the bottom of the window, there are three buttons: "Back", "Next" (which is highlighted with a blue border), and "Cancel".

## Step 7. Specify Restore Options

At this step of the wizard, select restore options and click **Restore**.

You can select the following options:

- **Changed items**

Select this check box if you want to restore items that have been changed. When you select this option, Veeam Explorer for Microsoft Exchange overwrites existing items in your target location.

- **Missing Items**

Select this check box if you want to restore items that are missing in your target location. For example, some of the items were removed and you want to restore them from the backup.

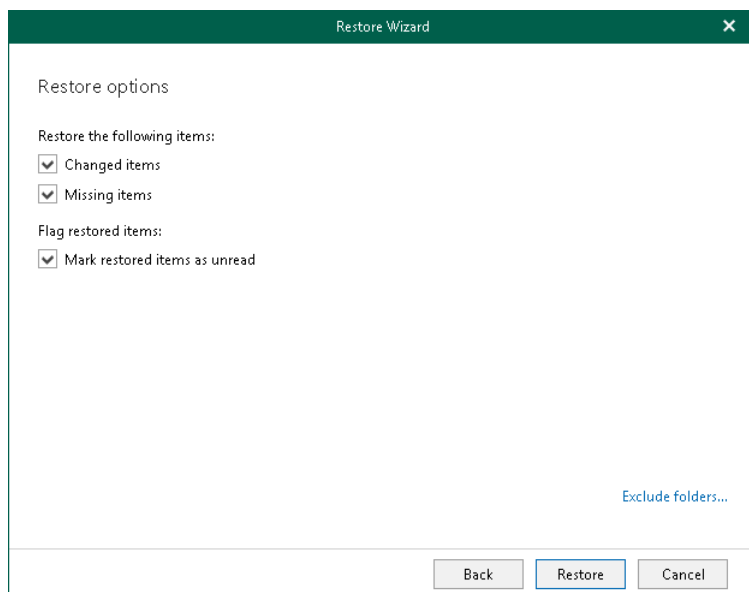
- **Mark restored items as unread**

Select this check box if you want to mark each restored item as unread.

If you restore a mailbox, to prevent certain folders from being restored, click the **Exclude folders** link and select folders to exclude.

### NOTE

The **Exclude folders** link is not available when restoring folders and items.





# Restoring Multiple Mailboxes

This scenario is only available for data restore from backups created by Veeam Backup for Microsoft 365.

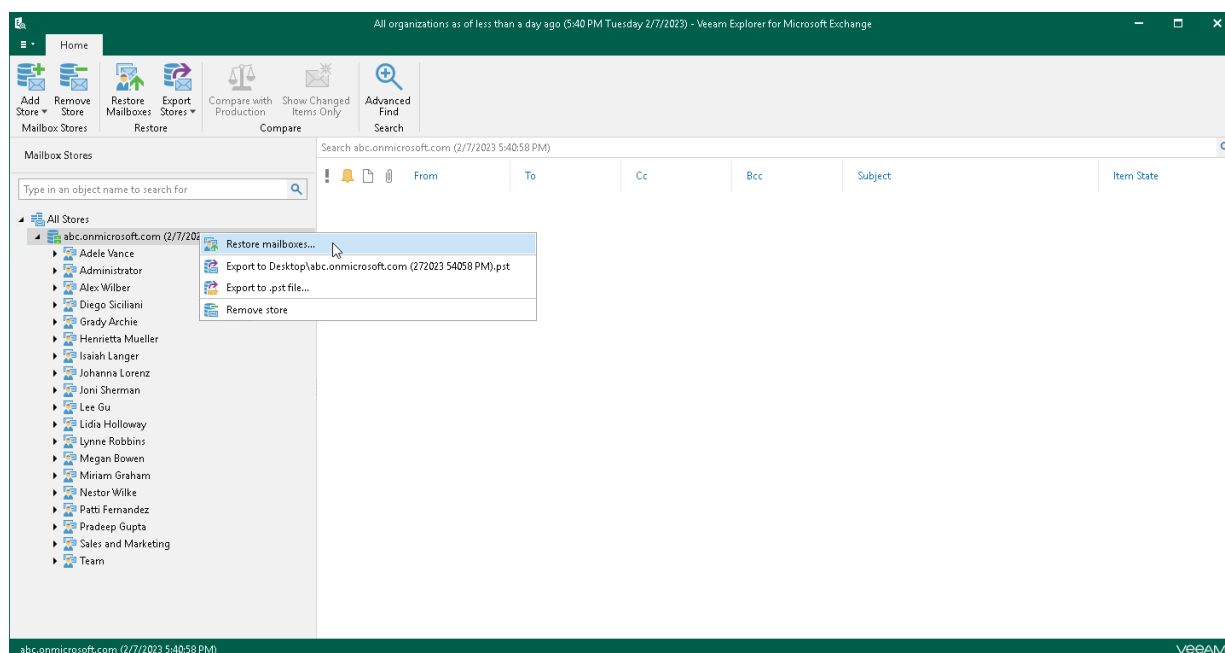
To restore multiple Exchange mailboxes, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Select mailboxes to restore.](#)
5. [Select restore options.](#)

## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select an organization whose mailboxes you want to restore.
2. Do one of the following:
  - On the **Home** tab, click **Restore Mailboxes** on the ribbon.
  - Right-click a mailbox store and select **Restore mailboxes**.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

To use modern authentication, do the following:

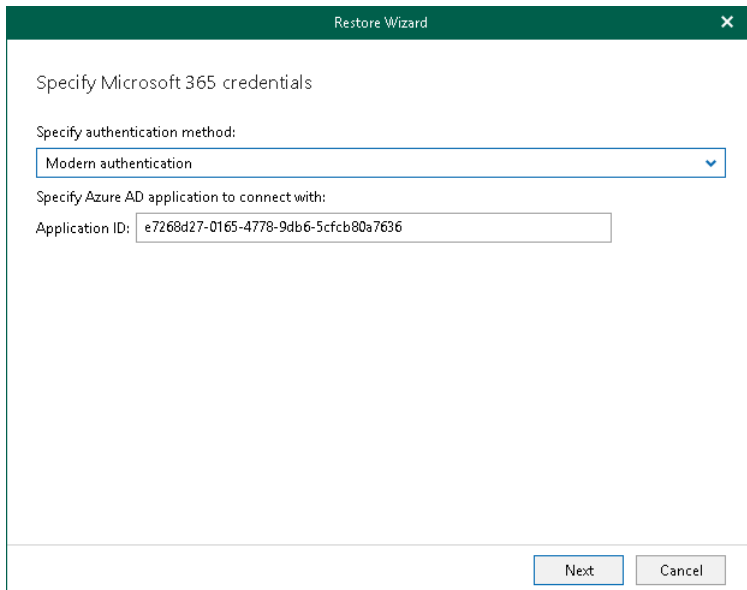
1. From the **Specify authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified mailbox back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults.

For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Exchange populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



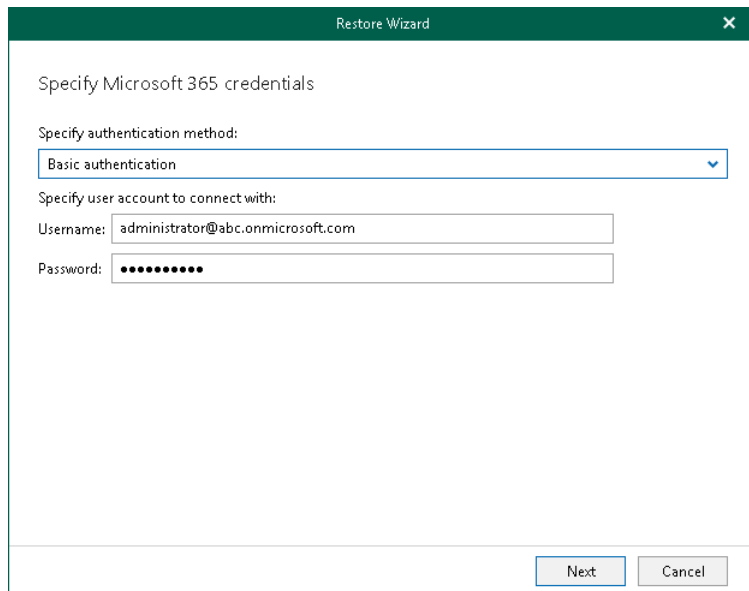
The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Specify Microsoft 365 credentials". Below this title, there are two sections. The first section is labeled "Specify authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Specify Azure AD application to connect with:" and contains a text field labeled "Application ID:" with the value "e7268d27-0165-4778-9db6-5cfcb80a7636" entered. At the bottom right of the window, there are two buttons: "Next" and "Cancel".

# Basic Authentication

To use basic authentication, do the following:

1. From the **Specify authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the Exchange organization.

Make sure that the account that you use has both the *Exchange Administrator* and the *Global Administrator* roles.



Restore Wizard

Specify Microsoft 365 credentials

Specify authentication method:

Basic authentication

Specify user account to connect with:

Username: administrator@abc.onmicrosoft.com

Password: ••••••••

Next Cancel

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

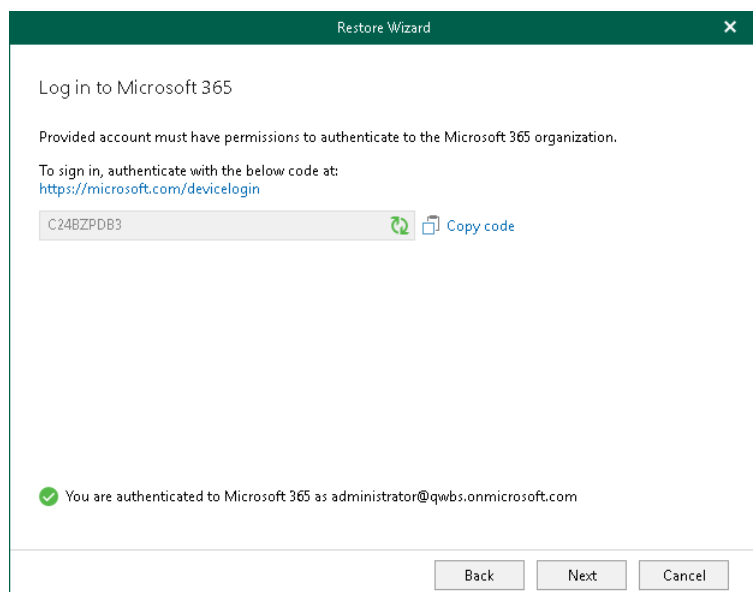
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



# Step 4. Select Mailboxes to Restore

At this step of the wizard, select mailboxes that you want to restore.

To see the full email address in the **Email** column, click **Resolve selected mailboxes**.

Restore Wizard

Select mailboxes to restore

<input type="checkbox"/> Mailbox ↑	Email
<input checked="" type="checkbox"/> Adele Vance	
<input checked="" type="checkbox"/> Administrator	
<input type="checkbox"/> Alex Wilber	
<input type="checkbox"/> Diego Siciliani	
<input type="checkbox"/> Grady Archie	
<input type="checkbox"/> Henrietta Mueller	
<input type="checkbox"/> Isaiah Langer	
<input checked="" type="checkbox"/> Johanna Lorenz	
<input checked="" type="checkbox"/> Joni Sherman	
<input checked="" type="checkbox"/> Lee Gu	
<input type="checkbox"/> Lidia Holloway	

13 mailboxes selected (13 mailboxes unresolved)[Resolve selected mailboxes](#)

Back

Next

Cancel

## Step 5. Select Restore Options

At this step of the wizard, select restore options and click **Restore**.

You can select the following options:

- **Changed items**

Select this check box if you want to restore items that have been changed. When you select this option, Veeam Explorer for Microsoft Exchange overwrites existing items in your target location.

- **Missing Items**

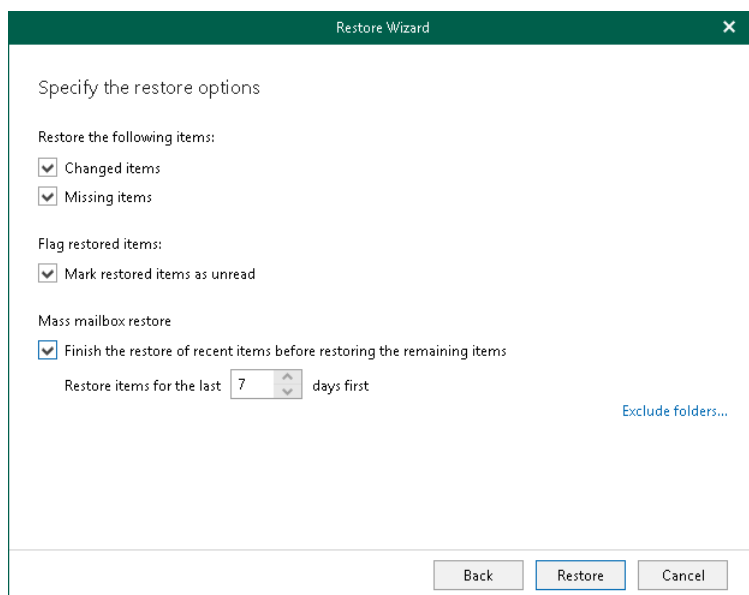
Select this check box if you want to restore items that are missing in your target location. For example, some of the items were removed and you want to restore them from the backup.

- **Mark restored items as unread**

Select this check box if you want to mark each restored item as unread.

When restoring multiple mailboxes, select the **Finish the restore of recent items before restoring the remaining items** check box and set the value in the **Restore items for the last <N> days first** field to restore multiple mailboxes in "chunks", when the most recent items in the backup will be processed first.

To prevent certain folders from being restored, click the **Exclude folders** link and select folders to exclude.



The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main area is titled 'Specify the restore options'. It contains several sections with checkboxes:

- Restore the following items:**
  - ☒ Changed items
  - ☒ Missing items
- Flag restored items:**
  - ☒ Mark restored items as unread
- Mass mailbox restore**
  - ☒ Finish the restore of recent items before restoring the remaining items

Below the 'Mass mailbox restore' section, there is a text field 'Restore items for the last' with a value of '7' and a spinner control, followed by the text 'days first'. To the right of this field is a blue link that says 'Exclude folders...'. At the bottom of the window, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

# Restore to On-Premises Microsoft Servers

You can restore data to on-premises Microsoft Exchange servers.

For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

When you perform a restore, you can specify a target mailbox, select an authentication method that you want to use for data restore, specify a target folder to which you want to restore data and configure restore options.

You can also use [1-Click Restore](#) if you do not want to configure a restore session and prefer to use the default settings during a restore.

## Restoring Single Mailbox, Folder or Item

To restore a single mailbox, folder or item, do the following:

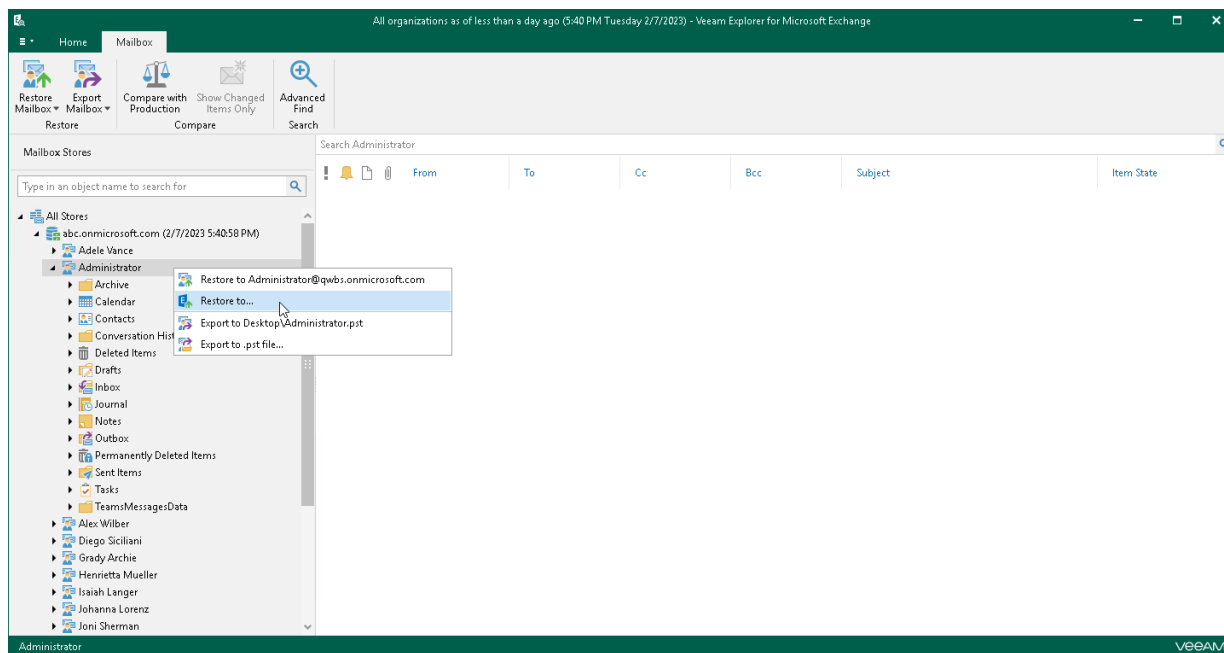
1. [Launch the Restore wizard.](#)
2. [Specify a target mailbox.](#)
3. [Specify a user account.](#)
4. [Specify a CAS server and target folder.](#)
5. [Specify restore options.](#)



## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a mailbox, folder or item that you want to restore.
2. Do one of the following:
  - On the **Mailbox/Folder/Items** tab, click **Restore Mailbox/Restore Folder/Restore Item** > **Restore to** on the ribbon.
  - Right-click a mailbox, folder or an item and select **Restore to**.



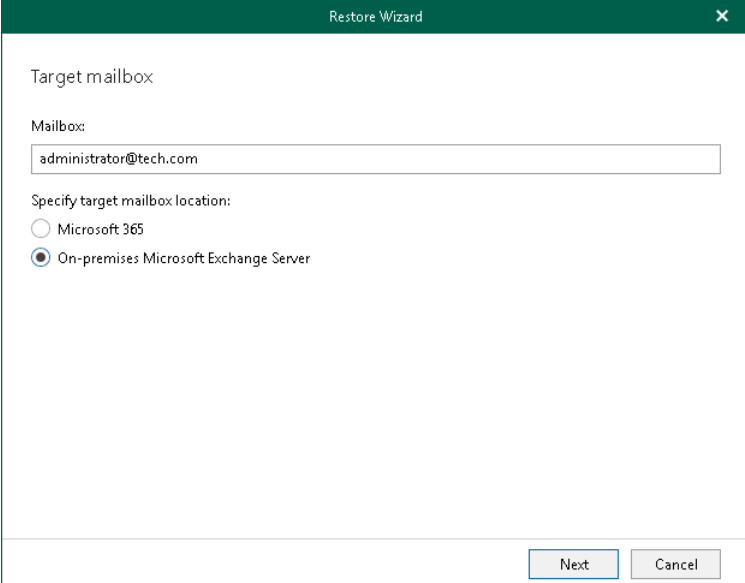
## Step 2. Specify Target Mailbox

At this step of the wizard, specify the target mailbox and mailbox location.

To specify mailbox settings, do the following:

1. In the **Mailbox** field, enter a mailbox name to which you want to restore data.
2. Select **On-premises Microsoft Exchange Server** to restore the specified mailbox to an on-premises Microsoft Exchange organization. For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

You can also perform a restore of backups created for on-premises Microsoft Exchange organizations to Exchange Online organizations and vice versa. For more information, see [Restore to Microsoft 365 Organizations](#).



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The window contains the following elements:

- A label "Target mailbox" above a "Mailbox:" label.
- A text input field containing the email address "administrator@tech.com".
- A label "Specify target mailbox location:" above two radio button options:
  - ☐ Microsoft 365
  - ☒ On-premises Microsoft Exchange Server
- At the bottom right, there are two buttons: "Next" (highlighted with a blue border) and "Cancel".

### Step 3. Specify User Account

At this step of the wizard, specify an account that you want to use to connect to the Exchange server in your domain.

Restore Wizard

On-Premises Microsoft Exchange Server settings

Specify user account to connect with:

☐ Use current account (SRV0101\Administrator)

☒ Use the following account:

Username:

TECH\Administrator

Password:

••••••••

Back

Next

Cancel

## Step 4. Specify CAS Server and Target Folder

At this step of the wizard, specify a CAS server and provide a folder to which you want to restore data. You can perform a restore to the original folder or specify a custom folder.

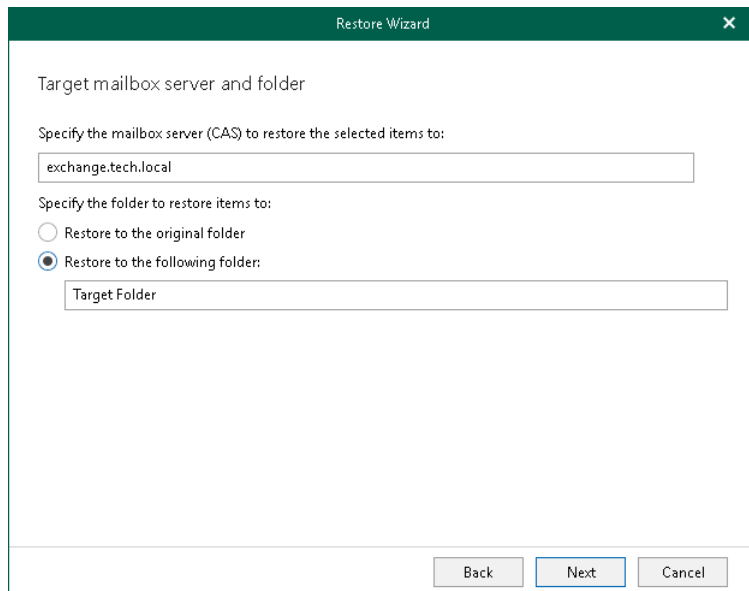
To provide a CAS server and target folder, do the following:

1. Specify a CAS server name or IP address.

This field is populated automatically with the CAS server address from your domain. You can also enter a CAS server manually.

2. Select a folder to which you want to restore data. You can perform a restore to the original folder or specify a custom folder.

When you select to restore to a custom folder, Veeam Explorer for Microsoft Exchange checks if the specified folder exists, if not, it creates a folder automatically. For example, if you specify a path like *Folder1/Folder2/Folder3*, Veeam Explorer for Microsoft Exchange will restore your data to the *Folder3*. You can use both the slash ("/") and the backslash ("\") characters when specifying a path.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main area is titled 'Target mailbox server and folder'. It contains two sections: 'Specify the mailbox server (CAS) to restore the selected items to:' with a text box containing 'exchange.tech.local', and 'Specify the folder to restore items to:' with two radio button options. The first option is 'Restore to the original folder' (unselected). The second option is 'Restore to the following folder:' (selected), with a text box below it containing 'Target Folder'. At the bottom, there are three buttons: 'Back', 'Next' (highlighted with a blue border), and 'Cancel'.

## Step 5. Specify Restore Options

At this step of the wizard, select restore options and click **Restore**.

You can select the following options:

- **Changed items**

Select this check box if you want to restore items that have been changed. When you select this option, Veeam Explorer for Microsoft Exchange overwrites existing items in your target location.

- **Missing Items**

Select this check box if you want to restore items that are missing in your target location. For example, some of the items were removed and you want to restore them from the backup.

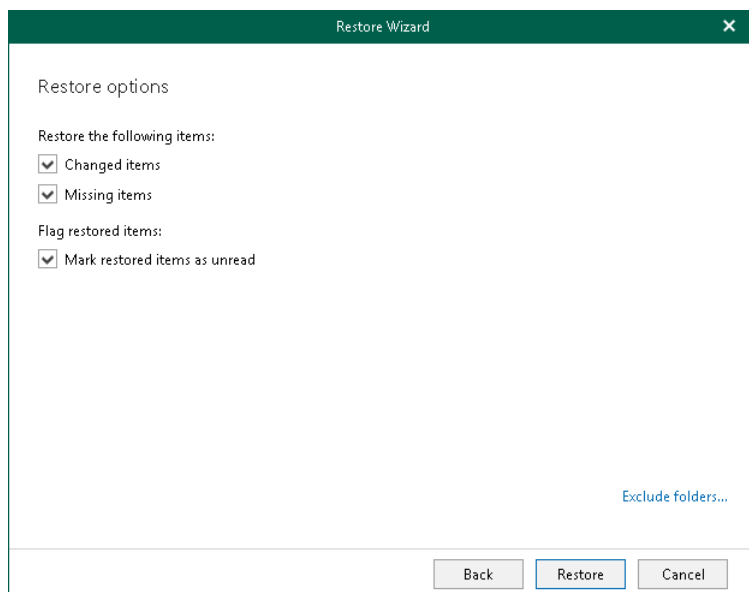
- **Mark restored items as unread**

Select this check box if you want to mark each restored item as unread.

If you restore a mailbox, to prevent certain folders from being restored, click **Exclude folders** and select folders to exclude.

### NOTE

The **Exclude folders** link is not available when restoring folders and items.



# Restoring Multiple Mailboxes

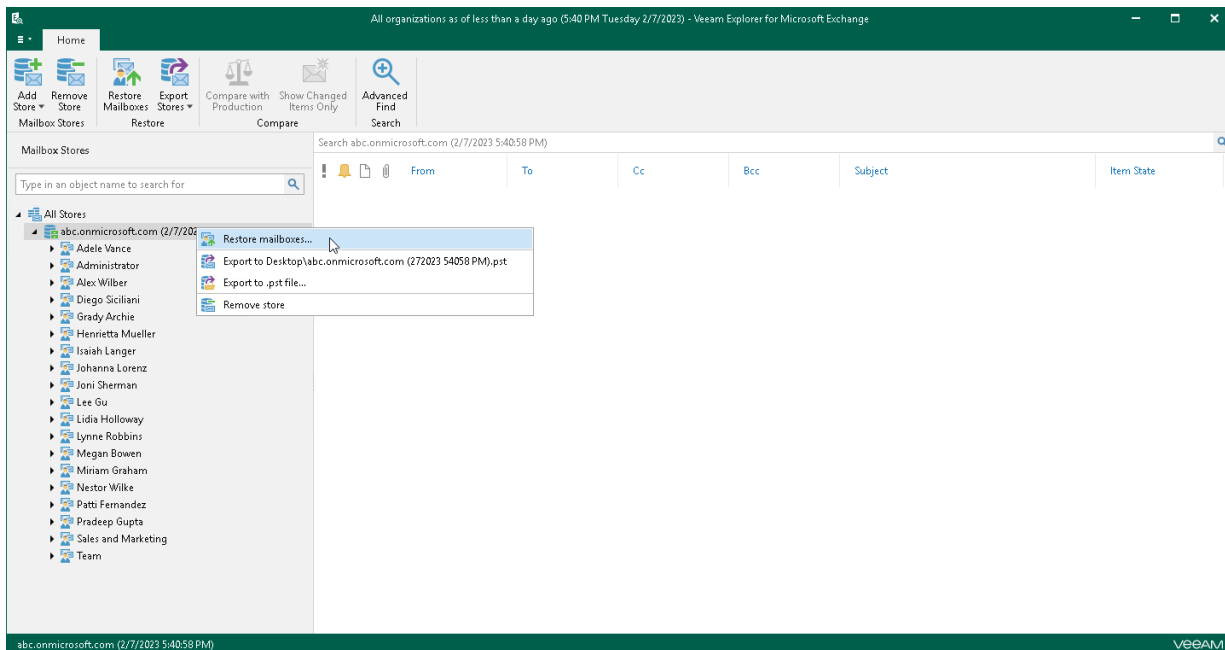
To restore multiple Exchange mailboxes, do the following:

1. [Launch the Restore wizard.](#)
2. [Specify a domain and credentials.](#)
3. [Select mailboxes to restore.](#)
4. [Specify a target mailbox server.](#)
5. [Select restore options.](#)

## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a mailbox store whose mailboxes you want to restore.
2. Do one of the following:
  - On the **Home** tab, click **Restore Mailboxes** on the ribbon.
  - Right-click a mailbox store and select **Restore mailboxes**.



## Step 2. Specify Domain and Credentials

At this step of the wizard, enter a domain name where your CAS server resides and provide credentials.

Restore Wizard

Specify Global Catalog server and credentials

Domain:

tech.local

Specify user account to connect to Active Directory domain and Exchange Server:

☐ Use current account (SRV0101\Administrator)

☒ Use the following account:

Username:

domain\administrator

Password:

.....

Next

Cancel



### Step 3. Select Mailboxes to Restore

At this step of the wizard, select mailboxes that you want to restore.

To see the full email address in the **Email** column, click **Resolve selected mailboxes**.

Restore Wizard

Select mailboxes to restore

<input type="checkbox"/> Mailbox ↑	Email
<input checked="" type="checkbox"/> Adele Vance	
<input checked="" type="checkbox"/> Administrator	
<input type="checkbox"/> Alex Wilber	
<input type="checkbox"/> Diego Siciliani	
<input type="checkbox"/> Grady Archie	
<input type="checkbox"/> Henrietta Mueller	
<input type="checkbox"/> Isaiah Langer	
<input checked="" type="checkbox"/> Johanna Lorenz	
<input checked="" type="checkbox"/> Joni Sherman	
<input checked="" type="checkbox"/> Lee Gu	
<input type="checkbox"/> Lidia Holloway	

13 mailboxes selected (13 mailboxes unresolved)[Resolve selected mailboxes](#)

Back

Next

Cancel

# Step 4. Specify Target Mailbox Server

At this step of the wizard, specify a target server to which you want to restore mailboxes.

Restore Wizard

Specify target mailbox server

Specify the mailbox server (CAS) to restore the selected items to:

exchange2019

Back

Next

Cancel

## Step 5. Select Restore Options

At this step of the wizard, select restore options and click **Restore**.

You can select the following options:

- **Changed items**

Select this check box if you want to restore items that have been changed. When you select this option, Veeam Explorer for Microsoft Exchange overwrites existing items in your target location.

- **Missing Items**

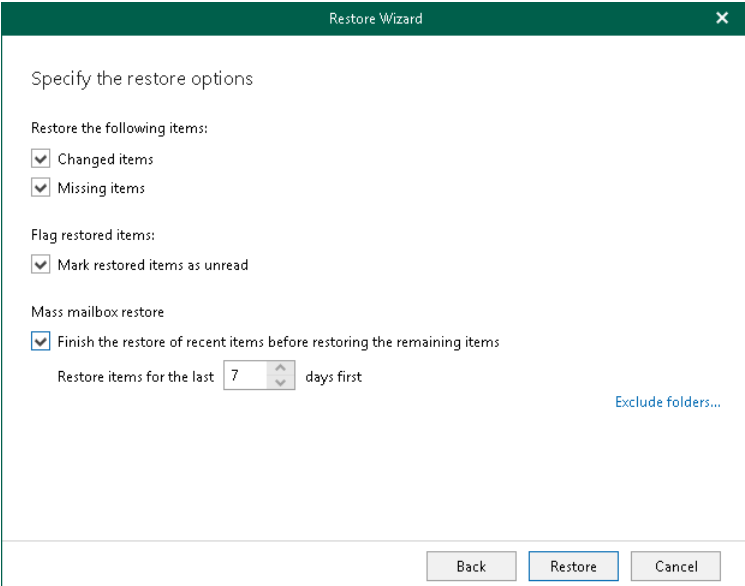
Select this check box if you want to restore items that are missing in your target location. For example, some of the items were removed and you want to restore them from the backup.

- **Mark restored items as unread**

Select this check box if you want to mark each restored item as unread.

When restoring multiple mailboxes, select the **Finish the restore of recent items before restoring the remaining items** check box and set the value in the **Restore items for the last <N> days first** field to restore multiple mailboxes in "chunks", when the most recent items in the backup will be processed first.

To prevent certain folders from being restored, click the **Exclude folders** link and select folders to exclude.



The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main area is titled 'Specify the restore options'. It contains three sections: 'Restore the following items:' with checkboxes for 'Changed items' and 'Missing items', both checked; 'Flag restored items:' with a checked checkbox for 'Mark restored items as unread'; and 'Mass mailbox restore' with a checked checkbox for 'Finish the restore of recent items before restoring the remaining items'. Below this is a field 'Restore items for the last' with a spinner box set to '7' and the text 'days first'. To the right of this field is a blue link 'Exclude folders...'. At the bottom are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

# 1-Click Restore

The *1-Click Restore* feature allows you to quickly restore Exchange mailboxes, folders and items according to the following:

- The original Exchange server, original folder and the original mailbox name are restored.
- Both changed and missing items are restored.
- Restored items are marked as unread.
- No folders are excluded.

You can use *1-Click Restore* when you do not want to configure a restore session and prefer to restore data with the default settings.

## Restoring to Microsoft 365 Organizations

This scenario is only available for data restore from backups created by Veeam Backup for Microsoft 365.

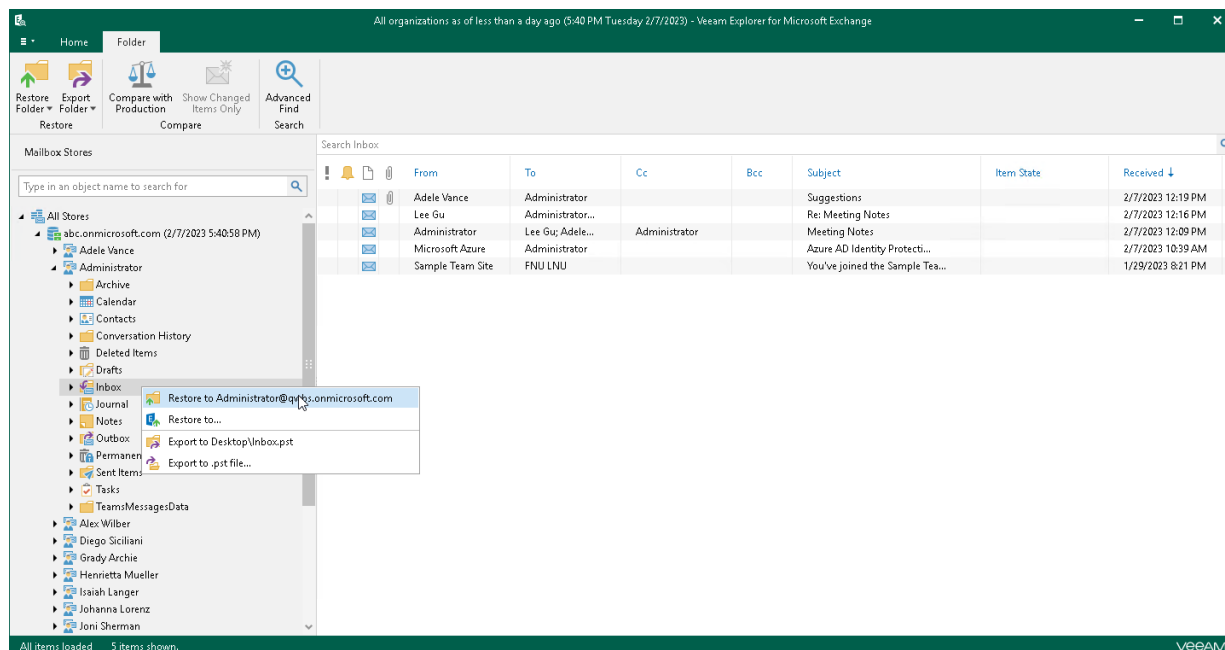
To perform *1-Click Restore* to Microsoft 365 organizations, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)

## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a mailbox, folder or item that you want to restore.
2. Do one of the following:
  - On the **Mailbox/Folder/Items** tab, click **Restore Mailbox/Restore Folder/Restore Item** > **Restore to <mailbox\_name>** on the ribbon.
  - Right-click a mailbox, folder or an item and select **Restore to <mailbox\_name>**.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

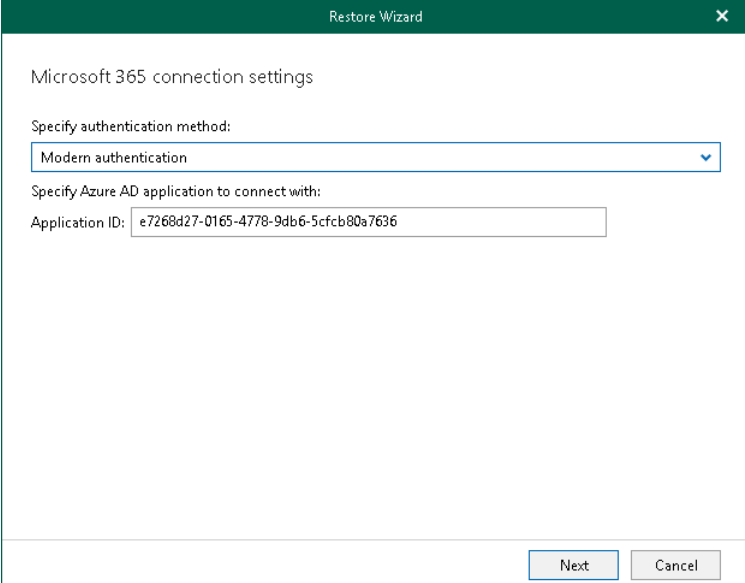
To use modern authentication, do the following:

1. From the **Specify authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified mailbox back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Exchange populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



Restore Wizard

Microsoft 365 connection settings

Specify authentication method:

Modern authentication

Specify Azure AD application to connect with:

Application ID: e7268d27-0165-4778-9db6-5cfcb80a7636

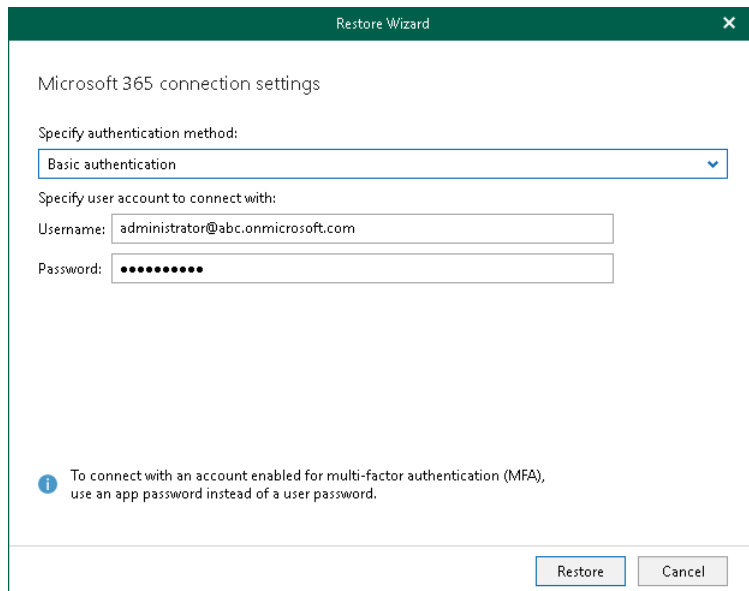
Next Cancel

# Basic Authentication

To use basic authentication, do the following:

1. From the **Specify authentication method** drop-down list, select *Basic authentication*.
2. Enter credentials to connect to the Exchange organization and click **Restore**.

Make sure that the account that you use has both the *Exchange Administrator* and the *Global Administrator* roles.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there are two sections. The first section is labeled "Specify authentication method:" and contains a dropdown menu with "Basic authentication" selected. The second section is labeled "Specify user account to connect with:" and contains two input fields. The "Username:" field is filled with "administrator@abc.onmicrosoft.com". The "Password:" field is filled with ten dots. At the bottom left of the main content area, there is a blue information icon (i) followed by the text: "To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password." At the bottom right of the window, there are two buttons: "Restore" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

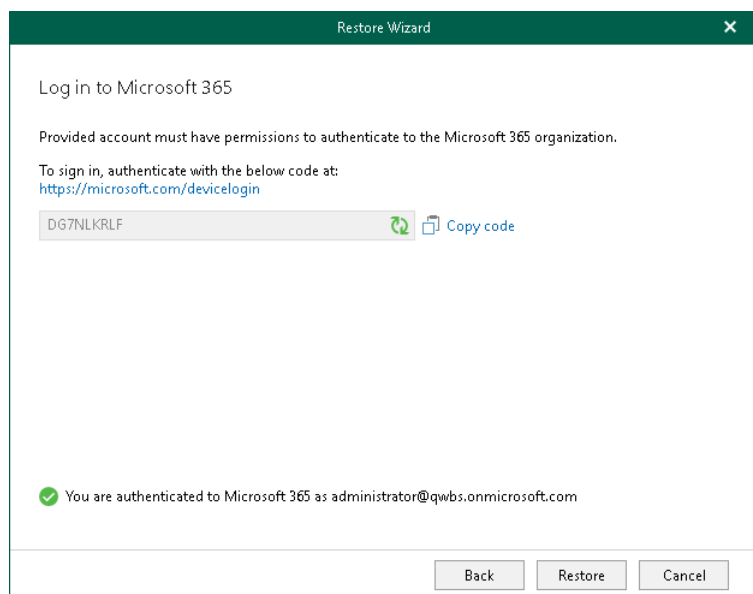
2. Click the Microsoft authentication portal link.

A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has both the *ApplicationImpersonation* and the *Exchange Administrator* roles. For more information, see [this Microsoft article](#).

4. Return to the **Restore Wizard** window and click **Restore**.



## Restoring to On-Premises Microsoft Servers

To perform *1-Click Restore* to on-premises Microsoft servers, do the following:

1. [Launch the Restore wizard](#).
2. [Specify a user account](#).



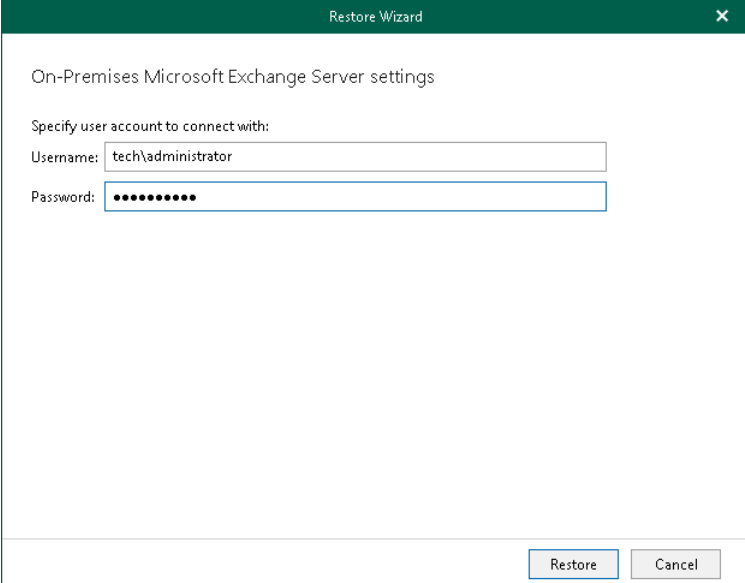
## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a mailbox, folder or item that you want to restore.
2. Do one of the following:
  - On the **Mailbox/Folder/Items** tab, click **Restore Mailbox/Restore Folder/Restore Item > Restore to <mailbox\_name>** on the ribbon.
  - Right-click a mailbox, folder or an item and select **Restore to <mailbox\_name>**.

## Step 2. Specify User Account

At this step of the wizard, specify an account that you want to use to connect to the Exchange server.



Restore Wizard

On-Premises Microsoft Exchange Server settings

Specify user account to connect with:

Username:

Password:

# Data Export

You can use Veeam Explorer for Microsoft Exchange to export Microsoft Exchange data.

## TIP

Before exporting data, make sure to read [Considerations and Limitations](#).

# Exporting to Custom Location

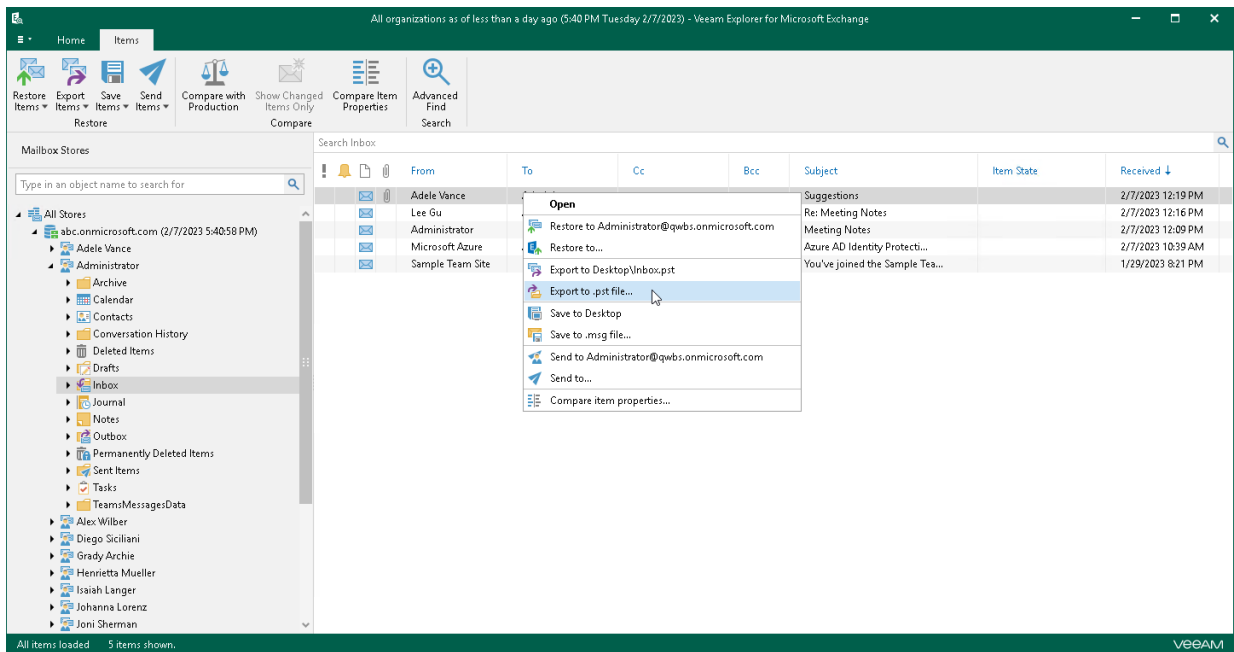
Veeam Explorer for Microsoft Exchange allows you to export mailbox store data to a custom location as PST files.

## NOTE

Export operations require Microsoft Outlook to be installed on a computer running Veeam Explorer for Microsoft Exchange.

To export objects to a custom location, do the following:

1. Do one of the following:
  - In the navigation pane, select a folder, a mailbox, a mailbox store or all stores added to the scope.
  - In the preview pane, select an item.
2. Do one of the following:
  - On the **Home/Mailbox/Folder/Items** tab, click **Export Stores/Export Mailbox/Export Folder/Export Items > Export to .pst file** on the ribbon.
  - Right-click an object and select **Export to .pst file**.



3. In the **Export Folder/Export Mail Items** window, do the following:
- In the **Export location** field, specify the name and location for the new PST file.
  - Select the **Apply filter** check box and enter keywords to export only those items that match specified criteria. To provide multiple keywords, use the *OR* logical operator as the delimiter.  
  
Veeam Explorer for Microsoft Exchange will check for the specified keywords in all fields such as **From, To, Subject** and **Body**.  
  
The **Apply filter** option is only available when exporting folders and mailboxes, not items.
  - Select the **Limit PST size to** check box and specify the size of which to export PST files.  
  
With this option, Veeam Explorer for Microsoft Exchange will create multiple PST files as of the specified size.

Export Folder

Specify the target path and optional settings:

Export location: C:\Users\Administrator\Desktop\Inbox.pst Browse...

☒ Apply filter: task

☒ Limit PST size to: 49 GB (additional PST files will be created as needed)

Export Cancel

# Using 1-Click Export

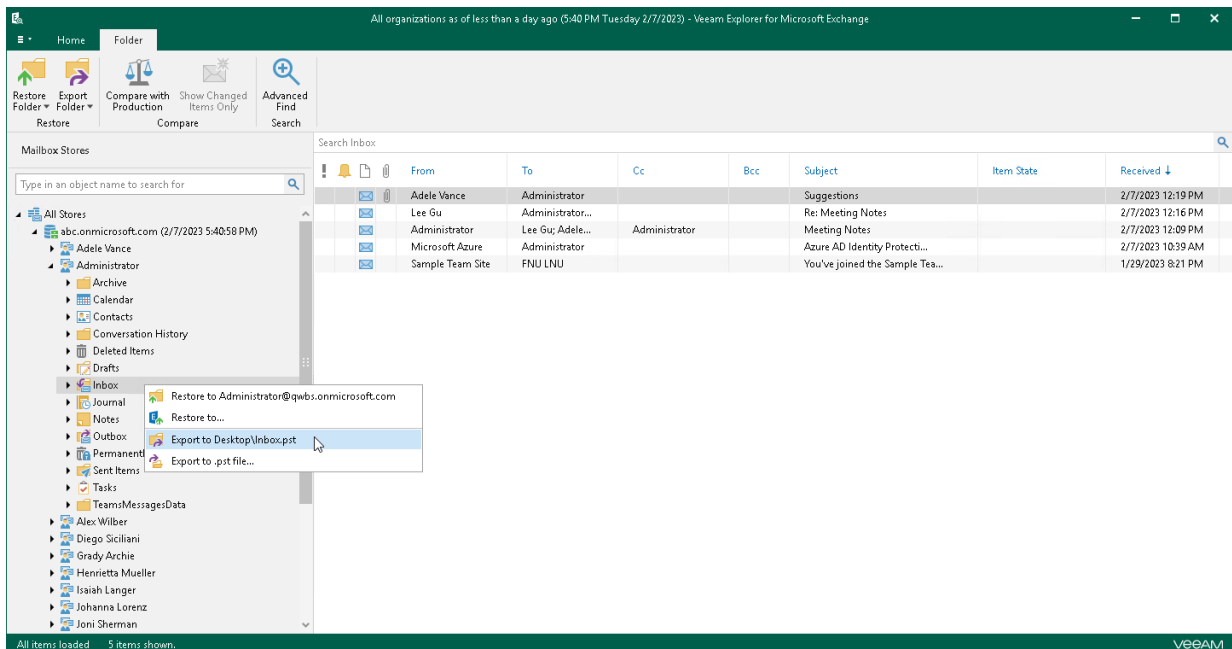
Veeam Explorer for Microsoft Exchange allows you to quickly export mailbox store data as PST files.

## NOTE

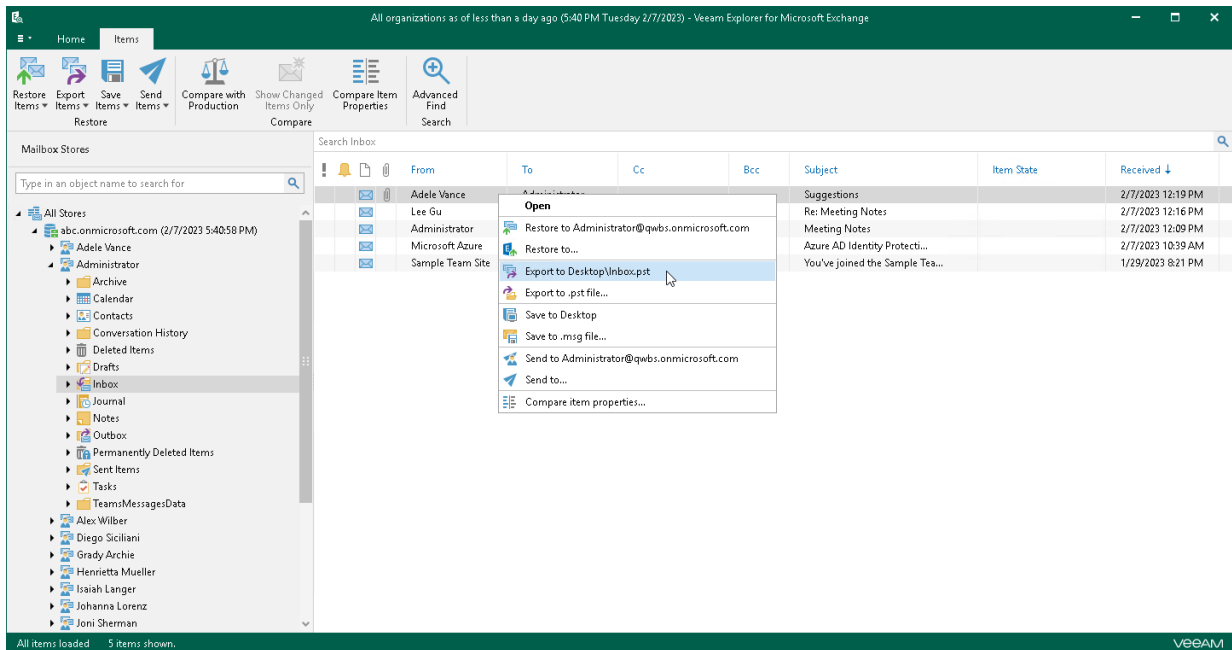
Export operations require Microsoft Outlook to be installed on a computer running Veeam Explorer for Microsoft Exchange.

Depending on the object type you want to export, do the following:

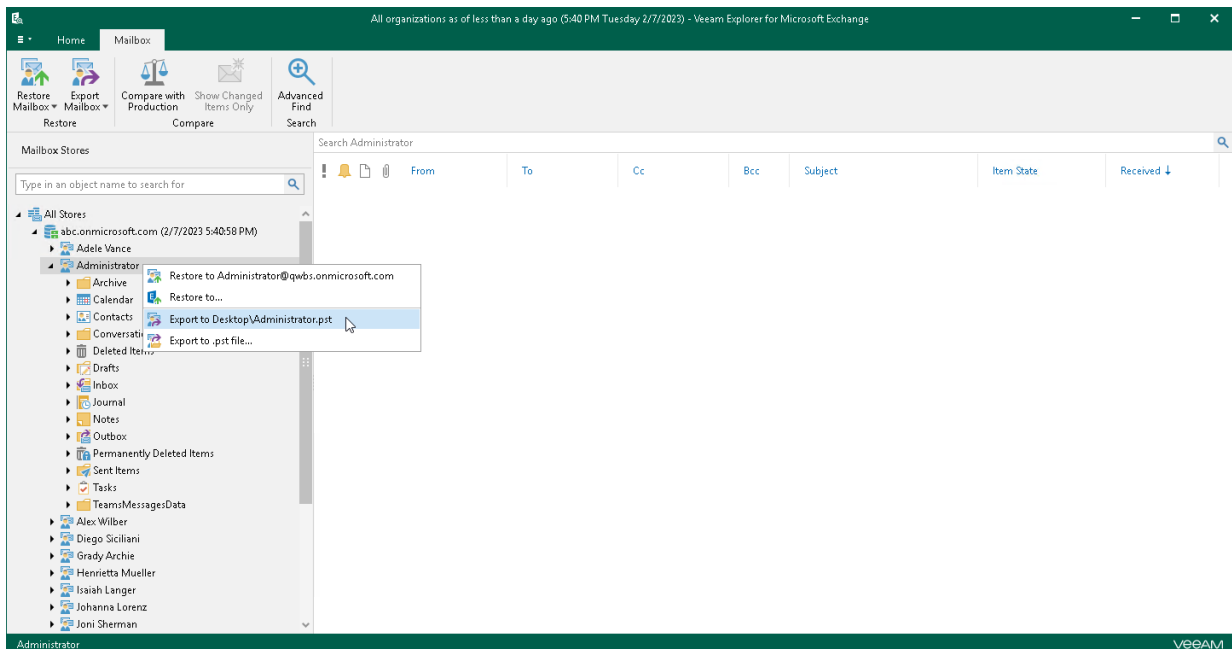
- To export a folder, in the navigation pane, do one of the following:
  - Select a folder and on the **Folder** tab, click **Export Folder > Export to <default\_location>\<original\_folder\_name>.pst** on the ribbon.
  - Right-click a folder and select **Export to <default\_location>\<original\_folder\_name>.pst**.



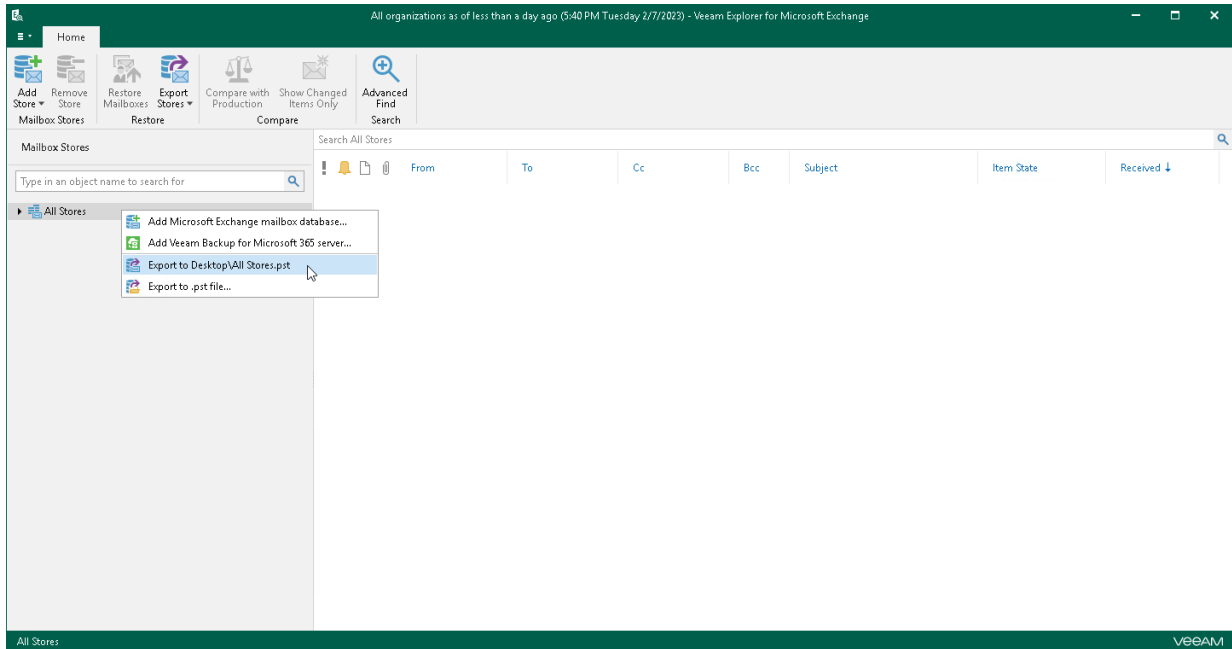
- To export an item, in the preview pane, do one of the following:
  - Select an item and on the **Items** tab, click **Export Items > Export to <default\_location>\<original\_folder\_name>.pst** on the ribbon.
  - Right-click an item and select **Export to <default\_location>\<original\_folder\_name>.pst**.



- To export a mailbox, in the navigation pane, do one of the following:
  - Select a mailbox and on the **Mailbox** tab, click **Export Mailbox > Export to <default\_location>\<original\_mailbox\_name>.pst** on the ribbon.
  - Right-click a mailbox and select **Export to <default\_location>\<original\_folder\_name>.pst**.



- To export a mailbox store or all stores added to the scope, in the navigation pane, do one of the following:
  - Select a store or the **All Stores** node and on the **Home** tab, click **Export Stores > Export to <default\_location>\<original\_store\_name>.pst** on the ribbon.
  - Right-click a store or the **All Stores** node and select **Export to <default\_location>\<original\_store\_name>.pst**.





# Receiving Export Reports

Veeam Explorer for Microsoft Exchange can deliver reports that show summary information about export operations.

Consider the following:

- If you want export reports to be delivered, make sure to configure an SMTP server in Veeam Explorer for Microsoft Exchange or Veeam Backup & Replication notification settings.

For more information, see the [SMTP Settings](#) section of this guide and the [Configuring Global Email Notification Settings](#) section of the Veeam Backup & Replication User Guide.

- A server with Veeam Explorer for Microsoft Exchange and Veeam Backup & Replication must be in a domain.
- Export reports are delivered automatically upon each export session.

You can use [Exporting to Custom Location](#) or [Using 1-Click Export](#).

- Keep in mind the following when specifying recipients of the report:
  - The recipient is always the current user account under which Veeam Explorer for Microsoft Exchange is running when using only Veeam Explorer for Microsoft Exchange notification settings.
  - The recipient is always the user account provided in Veeam Backup & Replication notification settings when using only Veeam Backup & Replication settings.
  - If you have configured both Veeam Explorer for Microsoft Exchange and Veeam Backup & Replication notification settings, the report will be sent to both recipients.

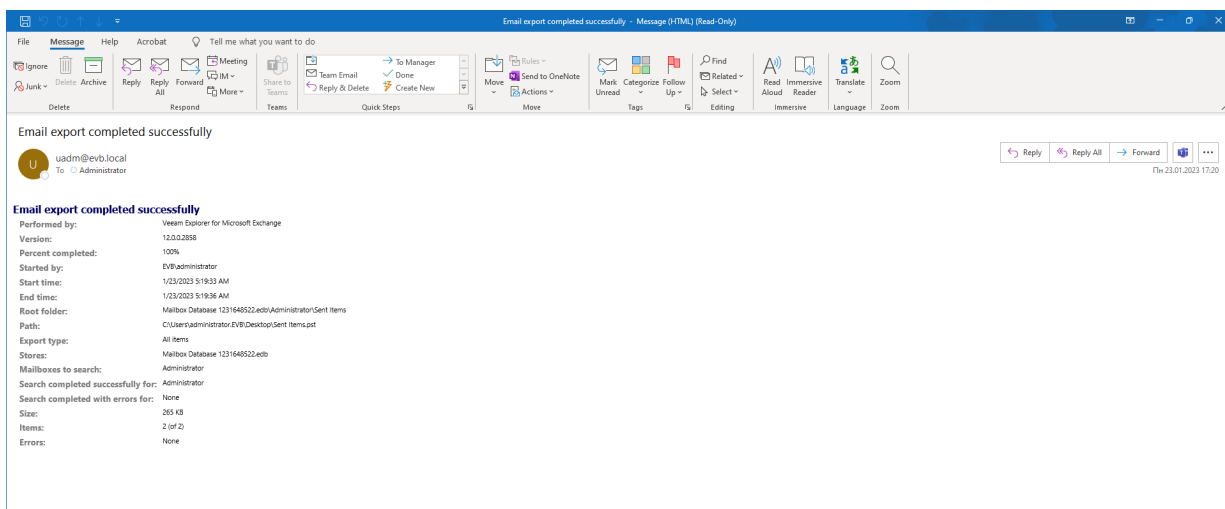
## NOTE

If you [export Microsoft Exchange data using PowerShell cmdlets](#) and you have a restore session started for Veeam Backup for Microsoft 365, the report will only be sent to the user account provided in Veeam Explorer for Microsoft Exchange notification settings.

The following table lists fields that are shown in the report.

Report field	Description
Performed by	Veeam Explorer for Microsoft Exchange
Version	Shows the Veeam Explorer for Microsoft Exchange build number.
Percent completed	Shows the number of items included in the PST file.
Started by	Shows the user account generated the report.
Start time, End time	Shows the creation time of a report.
Root folder	Shows the object path.

Report field	Description
Path	Shows the path to the database file.
Export type	Shows the export type.
Stores	Shows a datastore name from which items have been exported.
Mailboxes to search	Shows a mailbox name from which items have been exported.
Search completed successfully for, Search completed with errors for	Shows results for mailboxes to search.
Size	Shows the total size of exported items.
Items	Shows the number of exported items.
Errors	Shows errors that occurred during export.



# Data Compare

You can use Veeam Explorer for Microsoft Exchange to compare data in a backup file with that of the production state.

## NOTE

The Veeam Backup account you want to use for data compare, must have a valid Exchange Online license and an active mailbox within the Microsoft 365 organization. For more information about the required permissions, see [Permissions](#).

To compare backed-up data with production environment, do the following:

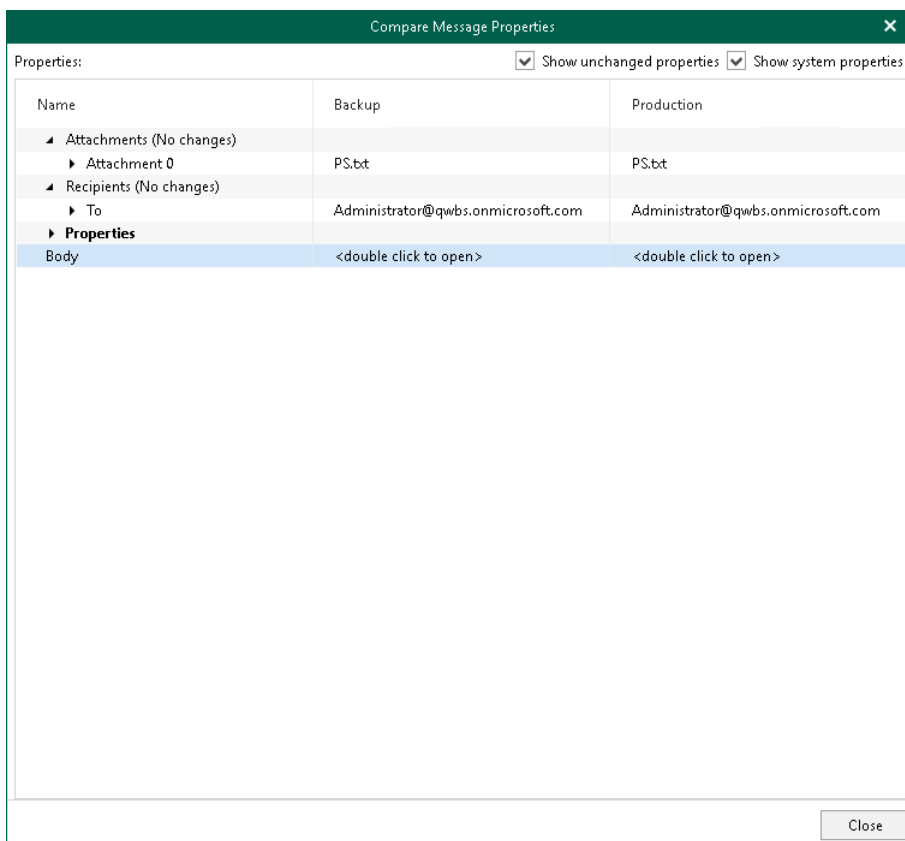
1. In the navigation pane, select an object and click **Compare with Production** on the ribbon.
2. Proceed to either [Compare to Microsoft 365 Organizations](#) or [Compare to On-Premises Microsoft Servers](#).
3. After the authorization process is complete, click **Show Changed Items Only** on the ribbon to view only those items that have been changed.

To view the details on what exactly has changed since the last backup, right-click an item and select **Compare item properties**. The discrepancies will be shown in the **Compare Message Properties** window. If both objects are equal, nothing will be displayed.

To show unchanged objects, select **Show unchanged properties** in the top-right corner. To show system properties, select **Show system properties**.

Double-click **Body** to see the body message.

To compare a single item, right-click an item and select **Compare item properties**.



# Compare to Microsoft 365 Organizations

This scenario is only available for backups created by Veeam Backup for Microsoft 365.

To compare data with your production Microsoft 365 organizations, do the following:

1. [Select an authentication method.](#)
2. [Log in to Microsoft 365.](#)

# Step 1. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

## Modern Authentication

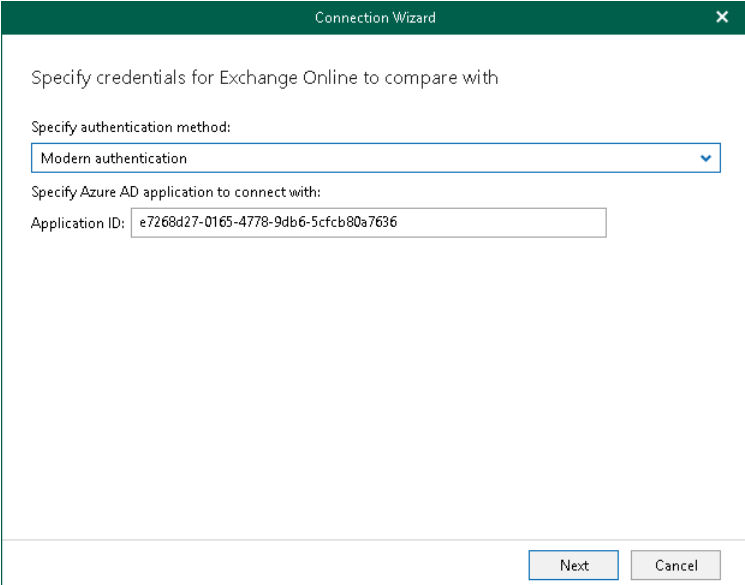
To use modern authentication, do the following:

1. From the **Specify authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified mailbox back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Exchange populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



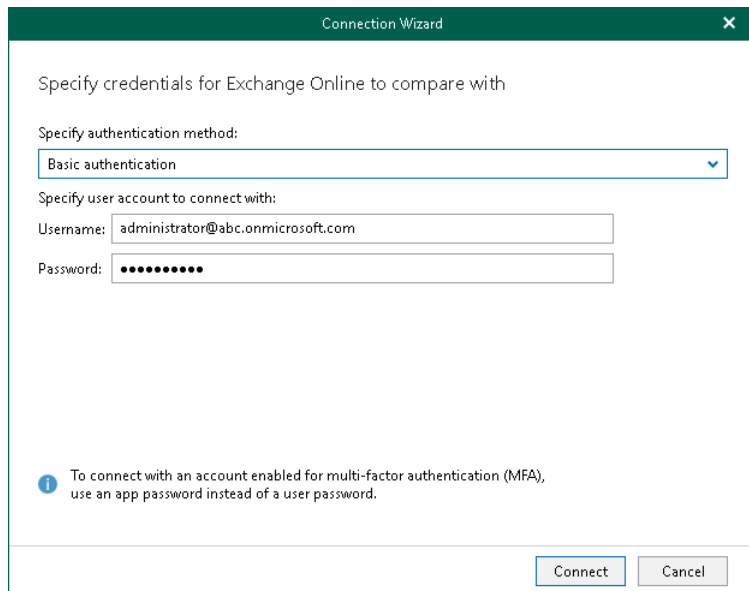
The screenshot shows a 'Connection Wizard' dialog box with a dark green title bar. The main content area is white and contains the following elements: a label 'Specify credentials for Exchange Online to compare with' at the top; a label 'Specify authentication method:' followed by a dropdown menu showing 'Modern authentication'; a label 'Specify Azure AD application to connect with:' followed by a text input field containing the Application ID 'e7268d27-0165-4778-9db6-5fcbb80a7636'; and at the bottom right, two buttons labeled 'Next' and 'Cancel'.

# Basic Authentication

To use basic authentication, do the following:

1. From the **Specify authentication method** drop-down list, select *Basic authentication*.
2. Enter credentials to connect to the Exchange organization and click **Connect**.

Make that the account that you use has both the *Exchange Administrator* and the *Global Administrator* roles.



The screenshot shows a 'Connection Wizard' dialog box with a dark green title bar. The main content area is white and contains the following elements:

- A heading: 'Specify credentials for Exchange Online to compare with'.
- A label: 'Specify authentication method:'.
- A dropdown menu showing 'Basic authentication' with a blue arrow on the right.
- A label: 'Specify user account to connect with:'.
- A 'Username:' label followed by a text input field containing 'administrator@abc.onmicrosoft.com'.
- A 'Password:' label followed by a password input field with ten black dots.
- A blue information icon (i) followed by a note: 'To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.'
- At the bottom right, there are two buttons: 'Connect' (highlighted with a blue border) and 'Cancel' (disabled, in grey).

## Step 2. Log In to Microsoft 365

This step is only available if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

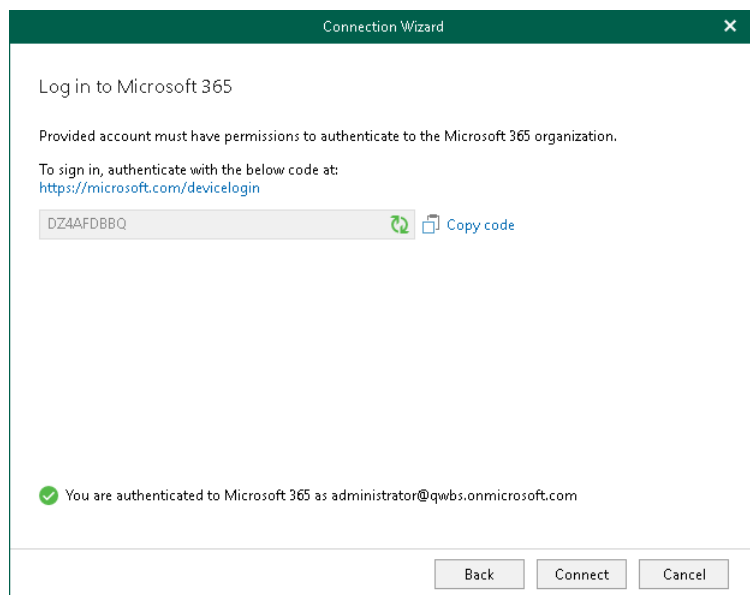
2. Click the Microsoft authentication portal link.

A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has both the *ApplicationImpersonation* and the *Exchange Administrator* roles. For more information, see [this Microsoft article](#).

4. Return to the **Connection Wizard** window and click **Connect**.



# Compare to On-Premises Microsoft Servers

To compare data with your production on-premises Microsoft Exchange, do the following:

1. [Specify a domain and credentials.](#)
2. [Specify a target mailbox server.](#)



# Step 1. Specify Domain and Credentials

At this step of the wizard, enter a domain name where your CAS server resides and provide credentials.

Connection Wizard

Specify credentials for Exchange Server to compare with

Domain:

tech.local

Specify user account to connect to Active Directory domain and Exchange Server:

☐ Use current account (SRV0101\Administrator)

☒ Use the following account:

Username:

TECH\Administrator

Password:

••••••••

Next

Cancel

# Step 2. Specify Target Mailbox Server

At this step of the wizard, specify a target server to which you want to restore mailboxes and click **Connect**.

Connection Wizard

Specify target mailbox server

Specify the mailbox server (CAS) to restore the selected items to:

target.tech.local

Back

Connect

Cancel

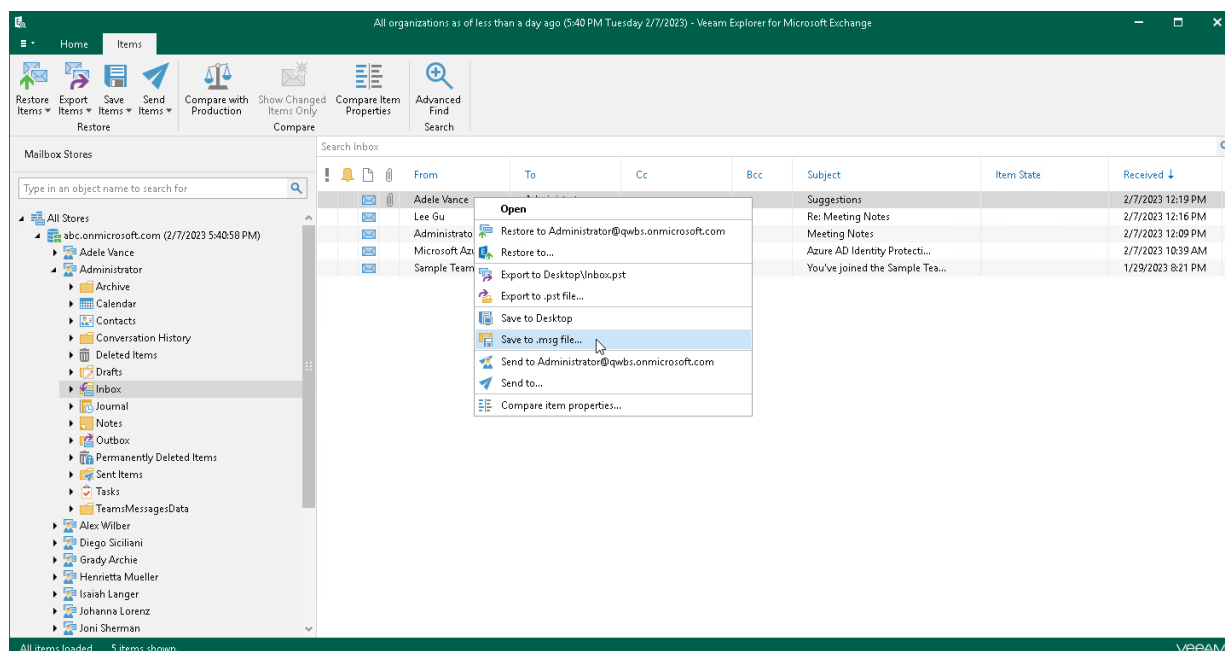
# Saving Microsoft Exchange Items

Veeam Explorer for Microsoft Exchange allows you to save any item as *Microsoft Exchange Mail Document* (.msg) files.

## Saving to Custom Location

To save items to a custom location, do the following:

1. In the navigation pane, select a folder and then in the preview pane, select an item.
2. Do one of the following:
  - On the **Items** tab, click **Save Items > Save to .msg file** on the ribbon.
  - Right-click an item and select **Save to .msg file**.

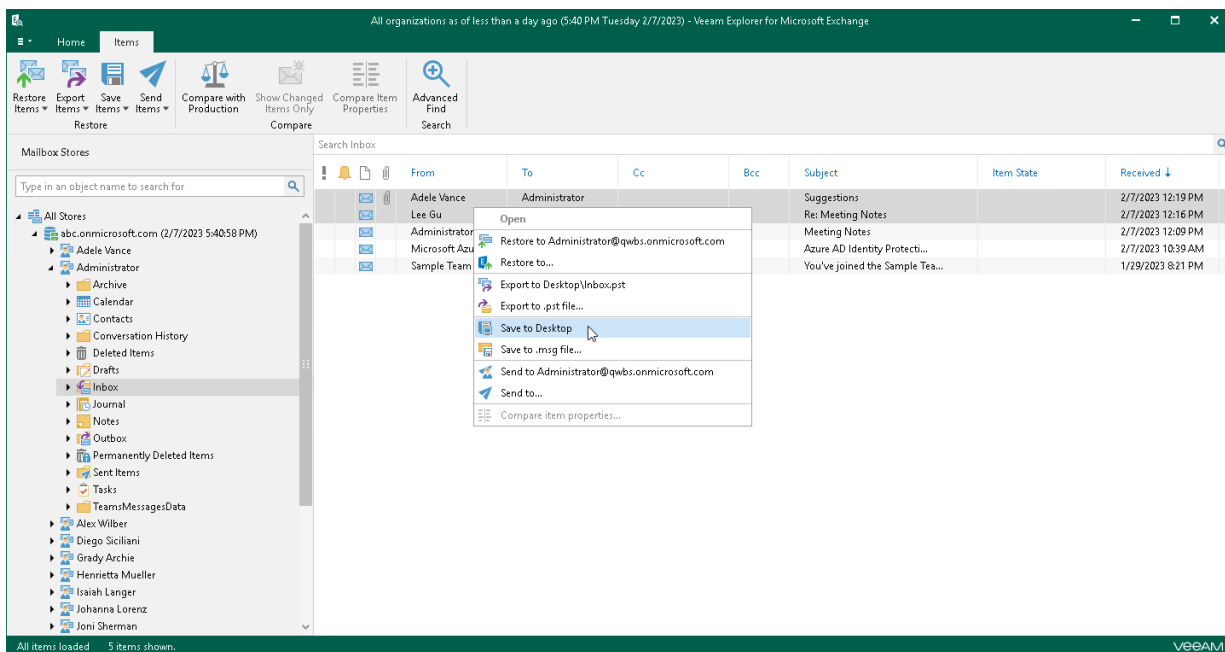


# 1-Click Save

To save your Exchange data, do the following:

1. In the navigation pane select a folder containing required items.
2. In the preview pane, select items that you want to save.  
Use the **Search** field to find particular items.
3. Do one of the following:
  - On the **Items** tab, click **Save Items** > **Save to <folder\_name>** on the ribbon.
  - Right-click an item and select **Save to <folder\_name>**.

A **<folder\_name>** name depends on the latest location that was used when saving items.



# Sending Microsoft Exchange Items

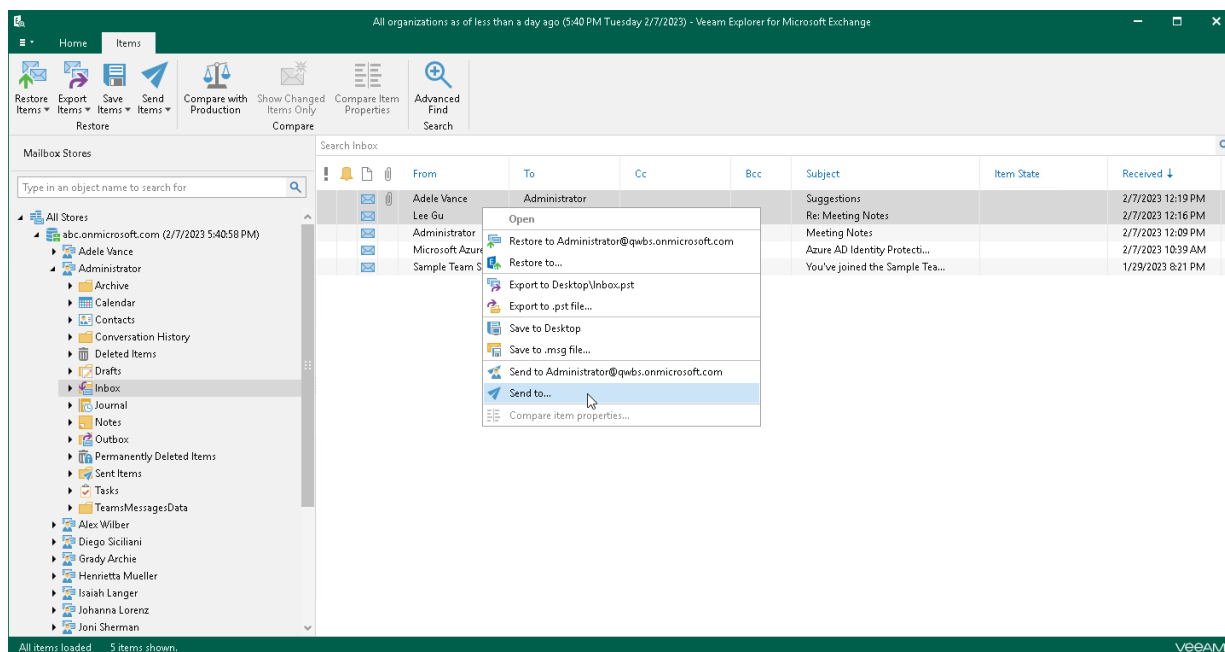
Veeam Explorer for Microsoft Exchange allows you to send Exchange items through email.

## TIP

Before sending documents, make sure to configure SMTP settings. The amount of data you can send at a time depends on your SMTP server configuration. For more information about configuring SMTP settings, see [SMTP Settings](#).

To send items, do the following:

1. In the navigation pane select a folder containing required items.
2. In the preview pane, select items to send.  
Use the **Search** field to find particular items.
3. Do one of the following:
  - On the **Items** tab, click **Send Items > Send to** on the ribbon.
  - Right-click an item and select **Send to**.



4. In the **Send Items** window, provide a recipient address.

The **From** field is filled automatically based on the address you have provided when configuring SMTP settings.

You can also edit the message subject and body. To edit the message body, click **More details**.

Send Items

Send

From: administrator@tech.local

To: Administrator@qwbs.onmicrosoft.com

Subject: Mail Items Recovery

☐ Suggestions ☐ Re: Meeting Notes

[Less details](#)

Sent by Veeam Explorer for Microsoft Exchange

# Veeam Explorer for Microsoft SharePoint

Veeam Explorer for Microsoft SharePoint allows you to restore and export Microsoft SharePoint data from backups created by Veeam Backup for Microsoft 365 and Veeam Backup & Replication.

You can also save data from backups to a local computer and send data from backups through email.

# Planning and Preparation

You can configure your environment before start using Veeam Explorer for Microsoft SharePoint.



# System Requirements

This section lists system requirements for Veeam Explorer for Microsoft SharePoint.

Component	Requirement
Microsoft SharePoint	<p>For more information about supported versions of Microsoft SharePoint, see:</p> <ul style="list-style-type: none"><li>• The <a href="#">Supported Applications</a> subsection of the Veeam Backup &amp; Replication User Guide.</li><li>• The <a href="#">System Requirements</a> section of the Veeam Backup for Microsoft 365 User Guide.</li></ul>

## NOTE

Consider the following:

- To restore SharePoint content database items from a server running Microsoft Windows ReFS, the Veeam backup server or a management console must be installed on the Microsoft Windows Server 2012 or later.
- To restore from a server running Microsoft Windows ReFS 3.x, Veeam backup server or a management console must be installed on the Microsoft Windows Server 2016.
- Data restore from Microsoft 365 SharePoint Online and Microsoft SharePoint Server Subscription Edition to Microsoft SharePoint Server 2019, 2016 is not supported.

# Ports

The following tables list network ports that must be opened to manage inbound and outbound traffic.

## General

From	To	Protocol	Port	Notes
Veeam Explorer for Microsoft SharePoint	SharePoint Web Application	As recommended by Microsoft	As recommended by Microsoft	<p>For more information on recommended port numbers and protocols for SharePoint web application, see <a href="#">this Microsoft article</a>.</p> <p>To discover ports currently used by your SharePoint web application, follow the steps described in <a href="#">this Microsoft article</a>.</p>
Veeam Backup Server / Standalone Veeam Backup Console / Mount server associated with the backup repository	Staging Server	TCP, UDP	135, 445	Ports used to deploy the runtime coordination process on a target guest OS.
		TCP	49152 to 65535 (for Microsoft Windows 2008 or later)	<p>Dynamic RPC range used by the runtime coordination process that is deployed on a target guest OS.<sup>1</sup></p> <p>For more information, see <a href="#">this Microsoft article</a>.</p>
		TCP	6160	Port used to communicate with the installer service.
Veeam Backup Server / Standalone Veeam Backup Console	Staging Server	TCP	1433, 1434 and other	<p>Ports used to communicate with Microsoft SQL servers hosting content databases.</p> <p>Exact port numbers depend on the configuration of a Microsoft SQL server.</p> <p>For more information, see <a href="#">this Microsoft article</a>.</p>
		UDP	1434	<p>Port used by the Microsoft SQL Server Browser service.</p> <p>For more information, see <a href="#">this Microsoft article</a>.</p>

<sup>1</sup> If you use default Microsoft Windows firewall settings, you do not need to configure dynamic RPC ports: during setup, Veeam Backup & Replication automatically creates a firewall rule for the runtime process. If you use firewall settings other than default ones or application-aware processing fails with the *RPC function call failed* error, you need to configure

dynamic RPC ports. For more information on how to configure RPC dynamic port allocation to work with firewalls, see [this Microsoft KB article](#).

NOTE

To restore database items or lists to a server that is running in a DMZ, the SharePoint web application ports will be used.

## iSCSI Traffic

From	To	Protocol	Port	Notes
Staging Server	Mount server associated with the backup repository	TCP	3260 to 3270	Ports used by iSCSI initiator to connect to the iSCSI target.

# Permissions

The following table lists required permissions for data restore.

Operation	Required Roles and Permissions
Restore to on-premises Microsoft SharePoint	<p>To restore data to on-premises Microsoft SharePoint organizations, you must grant the following roles and permissions to user accounts:</p> <ul style="list-style-type: none"><li>• The account must be granted <i>Full Control</i> to connect to the target SharePoint server.</li><li>• The account must be assigned either the <i>Site Administrator</i> or <i>System Account</i> role to restore user permissions.</li><li>• If permissions of items being restored are inherited from the parent one, the account must be granted <i>Full Control</i>.</li><li>• If permissions of items being restored are not inherited from the parent one and items being restored replace the existing ones, the account must be granted <i>Contribute</i> and <i>Full Control</i>.</li></ul>

Operation	Required Roles and Permissions
Restore to Microsoft Office 365	<p>To restore data to SharePoint Online organizations, you must grant the following roles and permissions to user accounts:</p> <p><b>Restore Using Basic Authentication Method</b></p> <ul style="list-style-type: none"> <li>• The account used to log in to Microsoft Office 365 must have the <i>Global Administrator</i> or <i>SharePoint Administrator</i> role assigned.</li> <li>• For restore of personal SharePoint sites, make sure to select the <b>Allow users to run custom script on personal sites</b> option in the SharePoint admin center. For more information, see <a href="#">this Microsoft article</a>.</li> <li>• During restore, Veeam Backup for Microsoft 365 automatically assigns the <i>Site Collection Administrator</i> role to the user account.</li> </ul> <p><b>Restore Using Modern Authentication Method</b></p> <ul style="list-style-type: none"> <li>• The account used to log in to Microsoft Office 365 must have the <i>Global Administrator</i> or <i>SharePoint Administrator</i> role assigned.</li> <li>• For restore of personal SharePoint sites, make sure to select the <b>Allow users to run custom script on personal sites</b> option in the SharePoint admin center. For more information, see <a href="#">this Microsoft article</a>.</li> <li>• During restore, Veeam Backup for Microsoft 365 automatically assigns the <i>Site Collection Administrator</i> role to the user account.</li> <li>• Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the <a href="#">Configuring Azure AD Application Settings</a> section of the Veeam Backup for Microsoft 365 User Guide.</li> <li>• If you restore data with Azure AD applications using a certificate, make sure that your Azure AD application is granted the required permissions. For more information, see the <a href="#">Permissions for Modern App-Only Authentication</a> section of the Veeam Backup for Microsoft 365 User Guide.</li> </ul>

Consider the following:

- The current account can only be used to access a *local* staging server. To connect to a *remote* server, use appropriate authentication credentials to access that server.
- The account requires the *sysadmin* fixed server role on a staging Microsoft SQL server.
- For ADFS as an authentication provider:
  - When using *Windows Authentication*, you can use both you current account or provide another account.
  - When using *Forms Authentication*, the current account cannot be used.

# Required Backup Job Settings

This requirement applies to backup jobs created by Veeam Backup & Replication.

When you create a backup job, make sure to enable the **application-aware image processing** option. For more information, see the [Specify Guest Processing Settings](#) section of the Veeam Backup & Replication User Guide.

# Staging SQL Server

To perform Microsoft SharePoint items restore, Veeam Explorer for Microsoft SharePoint requires a Microsoft SQL server to be used as a staging system.

The server you plan to use as a staging system must conform to the following requirements:

- A staging system must have the same or later version of Microsoft SQL Server that hosts restored Microsoft SharePoint databases.
- Microsoft SQL Server that is included in Microsoft SQL Server Failover Cluster cannot be used as a staging system.
- Nodes participating in AlwaysOn Availability Groups are supported. However, you should not use Availability Group Listeners as staging servers.

## NOTE

You can use Microsoft SQL Server 2012/2016 Express editions which are shipped with the Veeam Backup & Replication distribution package. Consider that due to Express edition limitations, the maximum database size that can be attached is 10 GB. For more information, see [this Microsoft article](#).

## Remote BLOB Stores Support

A BLOB store must be either included in the SharePoint backup created by Veeam Backup & Replication or Veeam Agent for Microsoft Windows (for automated discovery) or stored on a local machine running Veeam Explorer for Microsoft SharePoint (for manual discovery).

## IMPORTANT

RBS FILESTREAM is the only provider that is supported in the current version.

Make sure the staging SQL Server configuration meets the following requirements:

1. **FILESTREAM** is enabled on a database server. For more information, see the following articles:
  - For SQL Server 2017 for Windows, see [this Microsoft article](#).
  - For SQL Server 2016, see [this Microsoft article](#).
  - For SQL Server 2014, see [this Microsoft article](#).
  - For SQL Server 2012, see [this Microsoft article](#).
  - For SQL Server 2008 R2, see [this Microsoft article](#).
2. **RBS Client Library** is installed on the database server.

For Microsoft SQL Server 2014 and later, the Remote Blob Store setup is included in the installation media. For other versions, you can use the Microsoft SQL Server Remote Blob Store installation package. For more information on how to install the package, see [this Microsoft article](#).

# Considerations and Limitations

This section lists considerations and limitations of Veeam Explorer for Microsoft SharePoint.

## General

Consider the following:

- When Veeam Explorer for Microsoft SharePoint is installed on a server on which both Veeam Backup & Replication and Veeam Backup for Microsoft 365 are installed, the notification settings will be inherited from the Veeam Backup & Replication Global Notification settings.
- Restore using PowerShell Direct, VIX API or vSphere Automation API is not supported.
- Restore of backed-up Microsoft SharePoint data to another Microsoft organization cannot be performed to a target Microsoft SharePoint organization whose version is earlier than the version of the restored backups.

## Status Restore Limitations

Consider the following when planning documents/list items restore:

- If a document/item was in *Check Out* state when the backup was created, item's last version will not be restored to the target SharePoint and will be available for viewing only. Previous versions (if any) will be restored.
- If the *Declare this item as a record* action was originally applied to list item, the relevant status will not be preserved. Instead, the restored item status will be set in accordance with the target list/library content approval workflow.
- Original status *On Hold* will not be restored.

## Restore of Documents, Libraries and Lists

Consider the following:

- Versioning settings of SharePoint lists are not preserved during restore.
- Restoring Generic List and Pages Library may fail with the "*No content type 'XXX' found in web YYY*" error.
- The *Created By* field of restored documents is updated with the account performing restore.
- Some *Rating Settings of Discussion* lists values are not restored.
- Make sure to view information about unsupported Microsoft SharePoint lists before restoring them. In particular, hidden lists are not displayed in Veeam Explorer for Microsoft SharePoint after a site backup. Thus, such lists cannot be exported. For more information, see [Unsupported SharePoint Lists](#).



# Restore of List Items

Consider that when restoring a list item, Veeam Explorer for Microsoft SharePoint works in the following way:

- Deletes an existing item.
- Creates item's latest version anew using data from the backup.
- Checks whether it is declared as a record.
- If the check is a success, the process finishes.
- If not, the created version is deleted and item versions are restored sequentially.

This logic leads to the following peculiarities of list item restore:

- If a list or list items column is used as a lookup column in the dependent list, consider that restoring an item from the source list causes the relevant items deletion in the dependent list.
- If a lookup column in the dependent list has the enforced relationship behavior set to **Cascade Delete**, then restoring an item from the source list may cause item deletion in the dependent list due to Microsoft implementation. For more information, see [this Microsoft article](#).

To prevent this issue, you should turn off enforced relationship behavior. As a work-around, you can roll-back the SharePoint database using Veeam Explorer for Microsoft SQL Server (see [this section](#)) or roll-back the whole SharePoint server VM to the desired state using any Veeam Backup & Replication recovery option.

The following limitations should also be considered:

- If a lookup column in the dependent list has the enforced relationship behavior set to **Restrict Delete**, then item restore with Veeam Explorer for Microsoft SharePoint will fail.
- If an .ASPX page references an item using */ItemID*, this reference may fail to restore (as the item will be created anew with a different */ItemID*).
- If a list item cannot be deleted (for example, site's *Welcome* page), consider that restore process will restore all versions of the item sequentially without deletions, adding them to *Version History*.
- *Restored Issue* list items are assigned new *IssueID*.
- Restore of *Time Card* list is not supported.

## Restore of List Items with Links (Attachments)

Consider the following when planning for the restore of list items with links (attachments):

- If the retention policy for target list/document library was configured to **Declare record** automatically, only the last version of the item will be restored to target list/library. Target retention policy settings will be applied to restored item (**Declare record**). However, links (attachments) will not be restored.
- If *Declare this item as a record* action was originally applied to list item, such item will not be restored.

# Restore of Surveys

Consider the following limitations when planning for the restore of surveys, survey questions and responses:

- Survey items can be restored to a new survey, created automatically by Veeam Explorer for Microsoft SharePoint in the specified destination instead of the previously deleted survey. However, if a new survey is created by user from scratch (not replacing a deleted one) – items cannot be restored to such a survey.
- A survey can be restored to an existing target survey only if that target survey includes at least one item (question) same as survey questions stored in the content database.
- If a survey question was not answered completely in the source survey, after restore the response status in the target survey will be set to *Completed*, anyway.
- When restoring a single response to a survey, target response item with the same number will be deleted and restored item will be placed in the target survey after the last numbered response.

For example, if the target survey has responses #1-15 and you try to restore a response that used to be #6 on source – then target response #6 will be deleted and restored response will be assigned #16.

# Restore of Sites

Consider the following:

- When restoring site collections, make sure that such collections exist in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.
- Before restoring team sites for a tenant organization with modern app-only authentication, make sure that a user account used for authorization has access to the root SharePoint site of this tenant organization.
- When restoring team sites, Veeam Backup for Microsoft 365 does not restore team site owners or Microsoft 365 group members.
- If you plan to restore SharePoint site pages, consider that Veeam Explorer for Microsoft SharePoint does not support restore of items which are not stored in the SharePoint content database (in particular, pages, page references and items based on default templates). Such items cannot be restored (neither by **Restore** nor by **Save** menu option), except for data from Wiki Content (text and images) which is stored in the database. Thus, site pages containing only text and images can be restored and displayed properly.

## NOTE

Consider the following:

- In case you attempt to restore such items, the following error message will be logged: "*Item <item> is skipped: restoration of items based on SharePoint default template is not supported.*"
- In case you attempt to save such items, the following error message will be logged: "*Unable to save document <item>. Document content is not available.*"

# Export and Import

Consider the following:

- In on-premises Microsoft SharePoint organizations, importing exported Picture Library may result in IDs changed for some items.
- Importing exported Project Tasks list does not preserve column order.
- Importing exported SharePoint list does not preserve Validation Settings.
- Export is unavailable for backups created by Veeam Backup for Microsoft 365. The operation is available only for backups created by Veeam Backup & Replication.
- Make sure to view information about unsupported Microsoft SharePoint lists before exporting them. In particular, hidden lists are not displayed in Veeam Explorer for Microsoft SharePoint after a site backup. Thus, such lists cannot be exported. For more information, see [Unsupported SharePoint Lists](#).

## Data Type Limitations

Consider the column (field) data type when planning for the restore of your SharePoint libraries/lists:

- If source column (field) data type was set to *Lookup*, but the referenced list/library was deleted, such columns (fields) will not be restored even if you restore that referenced list. The reason is that if referenced list is deleted, the reference (link) to that list is no longer valid.
- If source column (field) data type was set to *Managed Metadata*, such columns (fields) will not be restored.

## Workflow-Related Considerations

You may need to restore the items originally belonging to a list with no content approval required, to another list. If you try to restore such items to a list that requires content approval, item version and status will be modified in the following way:

- If a target list is configured to include major versions only, then all versions of restored item will become major (despite the original versioning); item status will be set to *Pending*.
- If a target list is configured to include both major and minor versions, then all versions of restored item will become minor (despite the original versioning); item status will be set in the following way:
  - If the last version (original) was major – status will be set to *Pending*.
  - If the last version was minor – status will be set to *Draft*.

Also, consider the following when planning for the restore of list items (with or without content approval originally required):

- If the retention policy for target list/document library is configured to **Declare record** automatically, only the last version of the item will be restored to target list/library. Target retention policy settings will be applied to restored item (**Declare record**). Besides, if **Require content approval for submitted items** was enabled for the original list, then after restore item status will be set to *Pending*.
- Alternatively (with different retention policy settings), all versions of the original item will be restored to target list/library. Besides, if **Require content approval for submitted items** was enabled for the original list, then after restore item status in the content approval workflow will be also restored, except for the states listed. For more information, see [Status Restore Limitations](#).

# Unsupported SharePoint Lists

The following table contains all unsupported Microsoft SharePoint lists. Veeam Explorer for Microsoft SharePoint does not restore data from these lists.

Due to Veeam Explorer for Microsoft SharePoint that is distributed as a part of Veeam Backup & Replication does not process hidden lists, such lists are also included in the following table.

List Template ID'	List Name	Microsoft SharePoint Server Version
101	SearchConfigListTemplate	2013/2016/2019/SE
110	datasrcs	2010/2013/2016/2019/SE
111	webtemp	2010/2013/2016/2019/SE
112	users	2010/2013/2016/2019/SE
113	wplib	2010/2013/2016/2019/SE
114	listtemp	2010/2013/2016/2019/SE
116	mplib	2010
117	nocodewf	2010/2013/2016/2019/SE
118	workflowProcess	2010/2013/2016/2019/SE
121	solutions	2010/2013/2016/2019/SE
122	nocodepublicwf	2010/2013/2016/2019/SE
123	themes	2010/2013/2016/2019/SE
124	designs	2013/2016/2019/SE
125	appdata	2013/2016/2019/SE
126	appfiles	2019/SE
160	accessrequests	2013/2016/2019/SE

List Template ID <sup>1</sup>	List Name	Microsoft SharePoint Server Version
175	MaintenanceLogs	2013/2016/2019/SE
200	meetings	2010/2013/2016/2019/SE
212	wkspglib	2010/2013/2016/2019/SE
331	ComponentManifests	2019/SE
334	ClientSideAssets	2019/SE
335	SiteCollectionAppCatalogs	2019/SE
336	WebApiPermissionRequests	2019/SE
401	fcgroups	2010/2013/2016/2019/SE
401	MonitoredAppsList	2013/2016/2019/SE
420	timecard	2013/2016/2019/SE
425	whatsnew	2010/2013/2016/2019/SE
530	ContentFollowingList	2013/2016/2019/SE
544	MicroBlogList	2013/2016/2019/SE
550	SocialDataStoreList	2013/2016/2019/SE
563	AnnouncementTilesList	2016/2019/SE
600	extlist	2010/2013/2016/2019/SE
880	members	2013/2016/2019/SE
925	abusereports	2013/2016/2019/SE
1221	healthreports	2010/2013/2016/2019/SE

List Template ID¹	List Name	Microsoft SharePoint Server Version
1305	EDiscoverySources	2016/2019/SE
1306	EDiscoverySourceInstances	2013/2016/2019/SE
1309	DlpEDiscoveryQueries	2016/2019/SE
1310	PreservationListTemplate	2013/2016/2019/SE
2000	PNSubscribers	2013/2016/2019/SE
2001	ExternalSubscriptions	2013/2016/2019/SE
3100	AccSrvAddApp	2013/2016/2019/SE
3300	SharingLinks	2016/2019/SE
3400	HashtagStore	2019/SE
3401	BlockedHashtags	2019/SE
3412	HubSites	2019/SE
3415	WebTemplateExtensions	2019/SE
3500	IRCollection	2019/SE
3501	IRReference	2019/SE
3502	IRReferenceCollection	2019/SE
4501	wfsvc	2013/2016/2019/SE
10000	Academic Library	N/A
10001	eduentity"	2013/2016/2019/SE
10007	EduWorkItem	2013/2016/2019/SE

List Template ID <sup>1</sup>	List Name	Microsoft SharePoint Server Version
10008	EduQuiz	2013/2016/2019/SE
10051	eduentity	2013/2016/2019/SE
10060	eduusersetting	2013/2016/2019/SE
10061	eduexternalsyncsetting	2013/2016/2019/SE
10099	AcquisitionHistoryList	2013/2016/2019/SE
10101	edudocument	2013/2016/2019/SE
10102	IWConvertedForms	2010/2013/2016/2019/SE
10401	eduannouncement	2013/2016/2019/SE
10631	educalendar	2013/2016/2019/SE

<sup>1</sup>For more information, see [this Microsoft article](#).

# Launching Application and Exploring Backups

To open Veeam Explorer for Microsoft SharePoint and load backups, you can use any of the following methods:

- The **Explore** option to load backups created by Veeam Backup for Microsoft 365. For more information, see the [Data Restore](#) section of the Veeam Backup for Microsoft 365 User Guide.

When loading backups located in object storage, Veeam Explorer for Microsoft SharePoint will notify you about the location of these backups. You can select the **Don't show this message again** check box to unsubscribe from such notifications. To disable these notifications, clear the **Show pop-up notifications on startup** check box. For more information, see [Advanced Settings](#).

- The **Restore application item** option to load backups created by Veeam Backup & Replication.

For more information, see the [Application Items Restore](#) section of the Veeam Backup & Replication User Guide.

- Go to **Start**, click **Veeam Explorer for Microsoft SharePoint** and manually open Microsoft SharePoint databases. For more information, see [Standalone Databases](#).

When you open Veeam Explorer for Microsoft SharePoint from the **Start** menu, all backed-up databases will be loaded automatically.

If you open Veeam Explorer for Microsoft SharePoint from the **Start** menu on a machine that runs the Veeam Backup & Replication console and Veeam Explorers only, specify the following:

- The domain name or IP address of a server to which you want to connect.
- The port number.
- User account credentials.


Consider the following:

- To perform restore operations, Veeam Explorer for Microsoft SharePoint must be run with elevated permissions. The user account must be a member of the local *Administrators* group on the machine where Veeam Explorer for Microsoft SharePoint is installed.
- The account must have the Veeam Backup Administrator or Veeam Restore Operator role on the target backup server.

To use the account under which Veeam Explorer for Microsoft SharePoint is running, select **Use Windows session authentication**.



To save the connection shortcut to the desktop, click **Save shortcut** in the bottom-left corner.



Veeam Explorer

for Microsoft SharePoint

Type in a backup server name or IP address, backup service port number, and user credentials to connect with.

backup01.tech.local

9392

TECH\Administrator

.....

☐ Use Windows session authentication

[Save shortcut](#)

Connect

Close

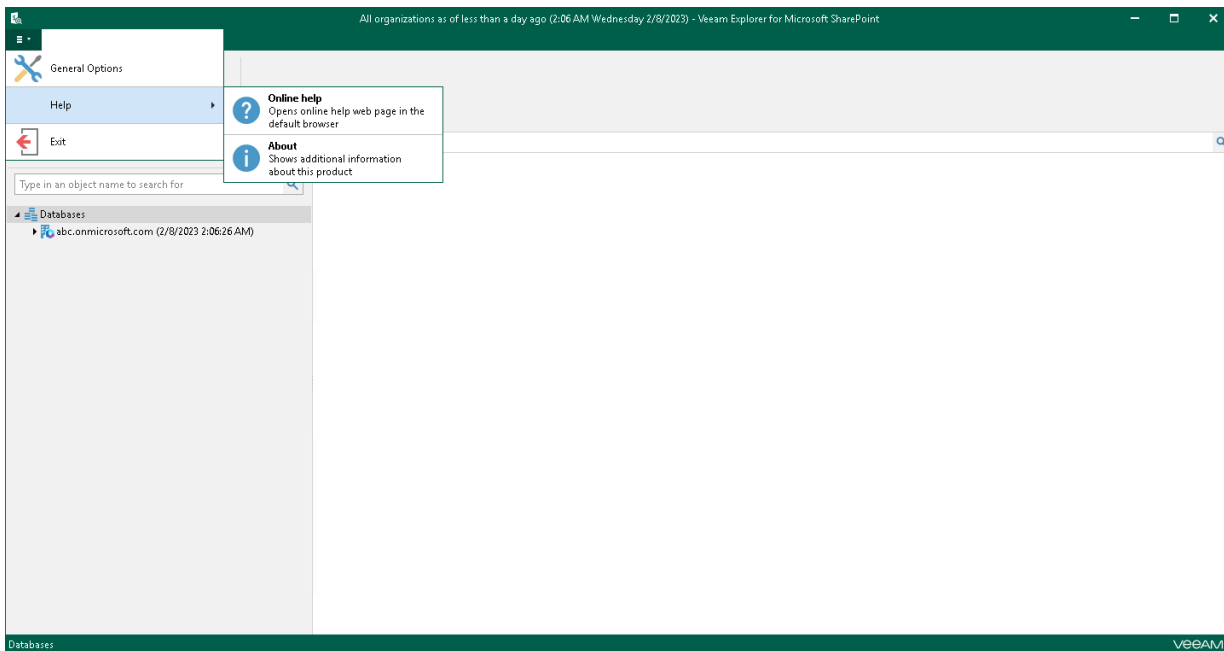
# Understanding User Interface

The user interface of Veeam Explorer for Microsoft SharePoint is designed to let you quickly find commands that you need to restore and export Microsoft SharePoint data from backups created by Veeam Backup for Microsoft 365 and Veeam Backup & Replication.

## Main Menu

The main menu comprises the following:

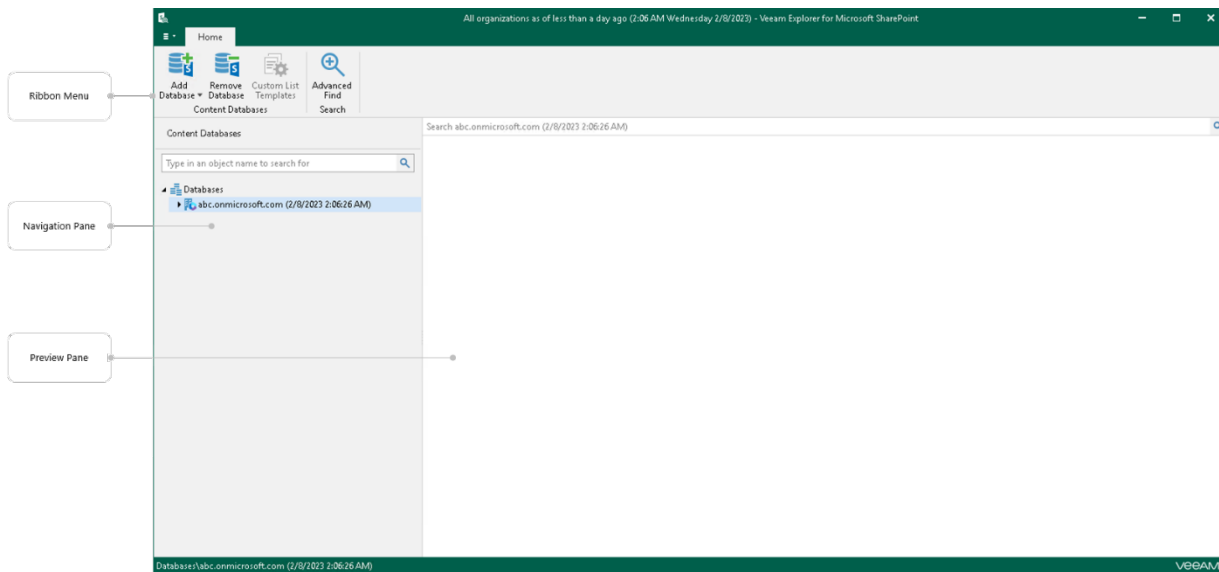
- **General Options.** Allows you to configure general application settings. For more information, see [General Application Settings](#).
- **Help.**
  - **Online help.** Opens the online help page.
  - **About.** Shows the additional information including build number.
- **Exit.** Closes the Veeam Explorer for Microsoft SharePoint window.



# Main Application Window

The main application window can be divided into three categories:

- The ribbon that contains operation commands organized into logical groups represented as tabs. The ribbon is displayed at the top of the main application window.
- The navigation pane that allows you to browse through the hierarchy of folders with backed-up data. Also, it allows you to search for sites using keywords.
- The preview pane that provides search capabilities and allows you to view details about items that are contained in a folder you have selected in the navigation pane.



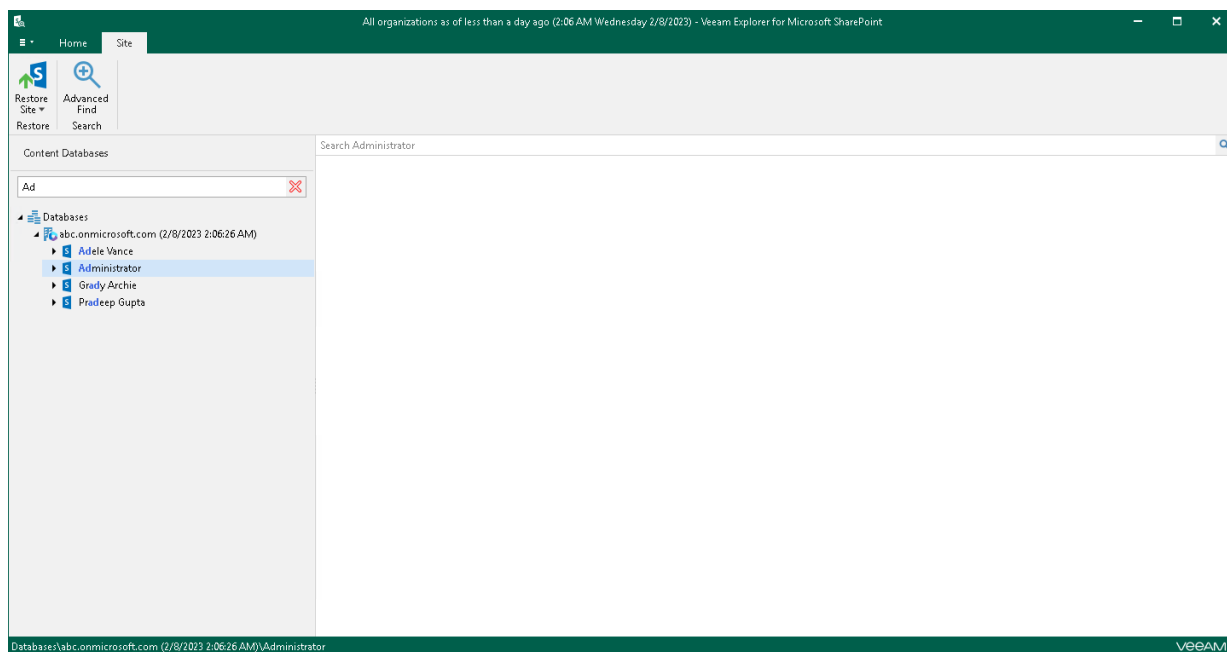
# Browsing, Searching and Viewing Items

You can use Veeam Explorer for Microsoft SharePoint to view the contents of a backup file, view object properties, open files, search for sites and for items in a backup file as well as customize criteria of your search.

## Searching for Sites

You can use keywords to search for sites in the database structure containing your SharePoint objects. To do this, enter a search query in the search field at the top of the navigation pane.

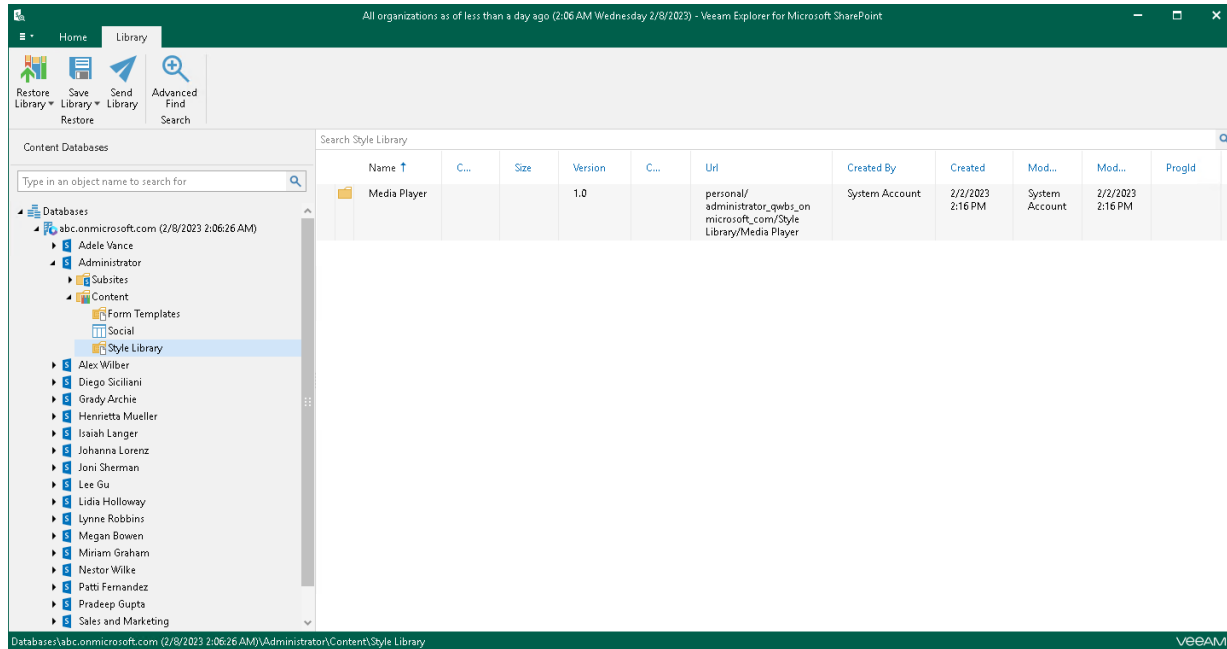
To remove a keyword, click the cross mark.



# Browsing Backup Content

To view the contents of a backup file, you use the navigation pane which shows you the database structure containing your site items such as libraries and subsites.

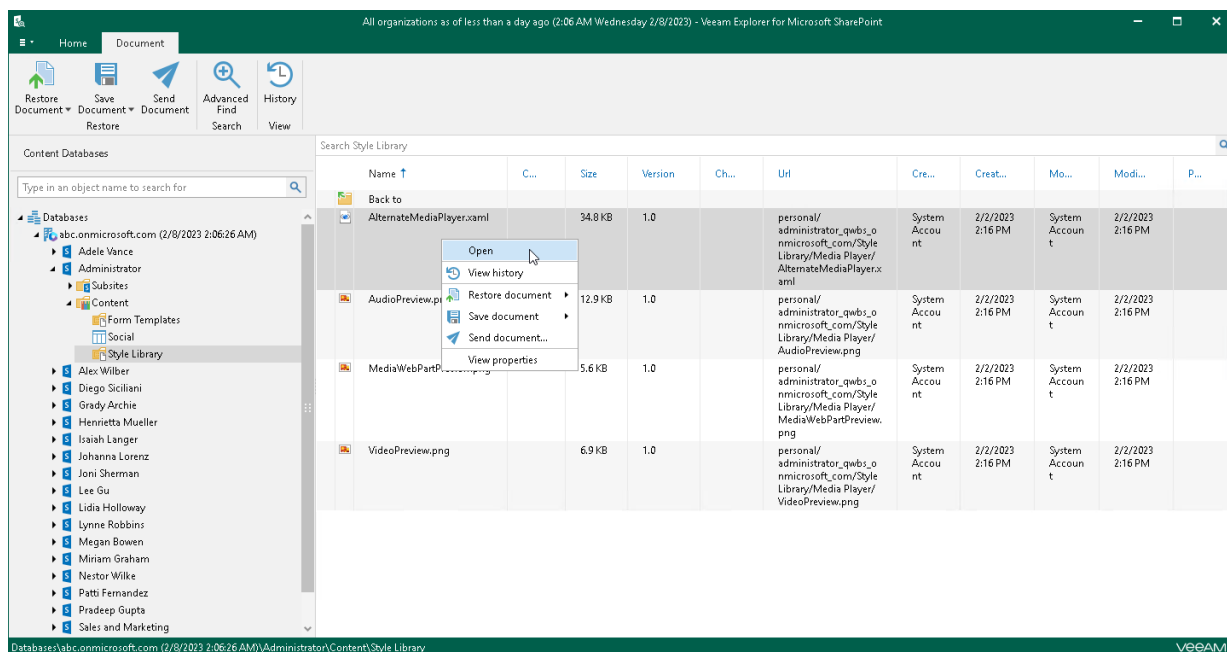
After you select an object in the navigation pane, you can see its content in the preview pane.



## Viewing Objects Properties and Opening Files

To view object properties, right-click an object in the preview pane and select **View properties**.

To open a document using an associated application, right-click a document in the preview pane and select **Open**.



# Searching for Objects in Backup File

The search mechanism allows you to find items matching specified search criteria.

To search for required items, do the following:

1. In the navigation pane, select an object in which you want to find data.
2. Enter a search query in the search field at the top of the preview pane.

## NOTE

To find the exact phrase, use double quotes. For example, "*media player*".

You can narrow your search results by specifying various search criteria using the *criteria:value* format.

For example, to find all items that require approval in the list of decisions, you can use the following search query: *status:pending approval*.

You can also use logical upper-cased operators such as *AND*, *OR* and *NOT* along with wildcard characters such as *\** and *?*. The search criteria are similar to those used for searching in Microsoft SharePoint. For more information, see [this Microsoft article](#).

The screenshot displays the Veeam Explorer for Microsoft SharePoint interface. The top bar shows the title 'All organizations as of less than a day ago (2:06 AM Wednesday 2/8/2023) - Veeam Explorer for Microsoft SharePoint'. The left navigation pane is titled 'Content Databases' and includes a search field 'Type in an object name to search for'. Below the search field, a list of databases is shown, with 'abc.onmicrosoft.com (2/8/2023 2:06:26 AM)' selected. The main preview pane shows a table of search results for the selected database. The table has columns: Name, Created By, Created, Modified By, Modified, Version, and Path. A single result is displayed: 'comparison.pdf' created by 'Administrator' on '2/7/2023 8:28:17 AM', modified by 'Administrator' on '2/7/2023 8:28:17 AM', version '1.0', and path 'archiver://172.24.31.191:9194/abc.onmicrosoft.com#527654762e646e19416d5cf9de29532/Team/Content//General'. The bottom status bar indicates 'Search results in Database\abc.onmicrosoft.com (2/8/2023 2:06:26 AM)' and the Veeam logo is on the right.

Name	Created By	Created	Modified By	Modified	Version	Path
comparison.pdf	Administrator	2/7/2023 8:28:17 AM	Administrator	2/7/2023 8:28:17 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#527654762e646e19416d5cf9de29532/Team/Content//General

## Using Advanced Find

The **Advanced Find** mechanism allows you to define your search criteria more precisely.

For example, to find an object that starts with the word *Media*, do the following:

1. In the preview pane, select a node and click **Advanced Find** on the ribbon.
2. In the **Define search criteria** section, select **Category** > **Document fields**.
3. In the **Field** list, select **File Name**.
4. In the **Condition** list, select **starts with**.
5. In the **Value** field, specify a file name.
6. Click **Add to List** and then click **Start**.

To remove a filter, click the cross mark next to it. To remove all configured filters, click **Reset**.

The screenshot displays the Veeam Explorer for Microsoft SharePoint interface. The top ribbon includes buttons for 'Add Database', 'Remove Database', 'Custom List Templates', and 'Advanced Find Search'. The left pane shows a tree view of 'Content Databases' with a search bar and a list of databases. The right pane shows the 'Define search criteria' section with a table of search results.

**Find items that match these criteria:**

Category	Field	Condition	Value
Document fields	File Name	starts with	Video

**Search results in Database(s) abc.onmicrosoft.com (2/8/2023 2:06:26 AM)**

Name	Created By	Created	Modified By	Modified	Version	Path
comparison.pdf	Administrator	2/7/2023 8:28:17 AM	Administrator	2/7/2023 8:28:17 AM	1.0	archiver://172.24.31.181:8194/abc.onmicrosoft.com/#527654762a646e19416d5cf9d429532/Team/Content//General

# General Application Settings

You can configure general settings for Veeam Explorer for Microsoft SharePoint.



# Staging SQL Server

To perform Microsoft SharePoint items restore, Veeam Explorer for Microsoft SharePoint requires a Microsoft SQL server to be used as a staging system.

## NOTE

Configuring the staging SQL server settings is only required to restore SharePoint data from the following sources:

- Backups created by Veeam Backup & Replication.
- Microsoft SharePoint databases manually added to the application scope. For more information, see [Adding Microsoft SharePoint Databases](#).

Consider the following when configuring a staging SQL server:

- If an SQL server belongs to an untrusted domain, connection will not be possible.
- If an SQL server belongs to a trusted domain, only the *SQL Server authentication* method is available.
- If both an SQL server and the machine running Veeam Explorer for Microsoft SharePoint belong to the same domain, then both *Windows* and *SQL Server authentication* methods are possible.

To use *Windows authentication*, make sure to configure the following delegation settings:

- a. In **Active Directory Users and Computers**, select the necessary staging SQL server.
- b. Open the server properties and select the **Delegation** tab. Select **Trust this computer for delegation to specified services only** and **Use any authentication protocol** options for the **cifs** service on a computer with Veeam Explorer for Microsoft SharePoint.
- c. Restart the staging SQL Server.
- d. Select a user account to connect to the staging SQL server. Also, select its properties on the **Account** tab and make sure the **Account is sensitive and cannot be delegated** check box is cleared.

To configure a staging server, do the following:

1. In the main menu, click **General Options**.
2. Open the **Staging Server** tab.
3. Click **Browse** to specify an SQL server that you want to use as a staging system. Do one of the following:
  - On the **Local Servers** tab, select a local SQL server that is located on a machine with Veeam Explorer for Microsoft SharePoint.
  - On the **Network Server** tab, select an SQL server over the network.
4. Specify the account to access the selected SQL server.
5. Specify the account to access a SQL server instance.
6. Click **OK**.

The screenshot shows the 'Options' dialog box with the 'Staging Server' tab selected. The 'SQL Server name' dropdown menu is set to 'SRV13\VEEAMSQL2016'. Below this, there are two sections for specifying user accounts. The first section, 'Specify user account to connect to Windows server:', has the radio button 'Use the following account:' selected, with 'Administrator' entered in the 'Username' field and a masked password in the 'Password' field. The second section, 'Specify user account to connect to SQL Server instance:', also has the radio button 'Use the following account:' selected, with 'Administrator' entered in the 'Username' field and a masked password in the 'Password' field. At the bottom of the second section, the checkbox 'Use SQL Server authentication' is checked. The dialog box has 'OK', 'Cancel', and 'Apply' buttons at the bottom.

# Custom Lists

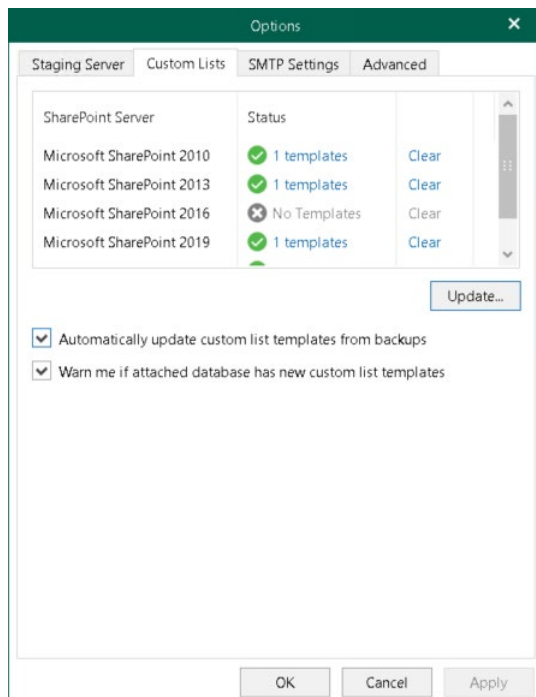
Veeam Explorer for Microsoft SharePoint supports obtaining custom list templates from backups created by Veeam Backup & Replication. The actual information about templates is stored directly in a backup file and obtained automatically so that you can view the custom list data without having to perform any additional operations.

## NOTE

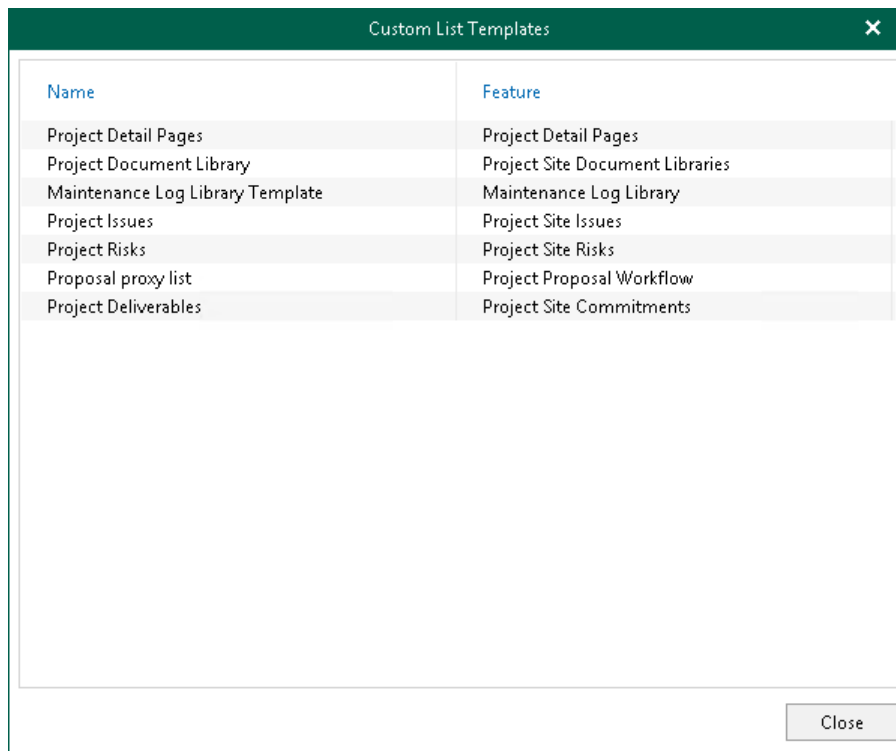
Configuring custom lists is not required when working with backups created by Veeam Backup for Microsoft 365.

To see templates with their names and features, do the following:

1. In the main menu, click **General Options**.
2. Open the **Custom Lists** tab.
3. Click the link under the **Status** column which also comprises the total number of available templates.
4. If you want to automatically update existing templates, select the **Automatically update custom list templates from backups** check box.
5. If you want to be notified whether the database contains new templates other than those you already have, select the **Warn me if attached database has new custom list templates** check box.
6. Click **OK**.



See the next figure showing you what custom list templates are available.

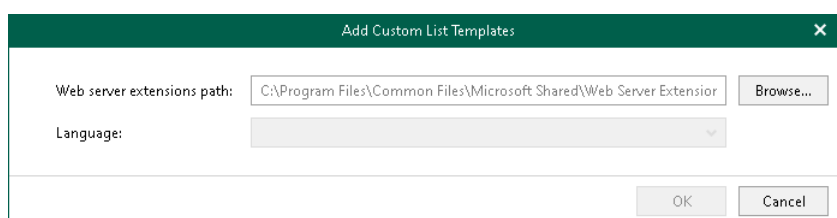


To remove templates, click **Clear**.

## Importing Templates Manually

To import existing templates from the Microsoft SharePoint server manually, do the following:

1. In the main menu, click **General Options**.
2. Open the **Custom Lists** tab.
3. Click **Update**.
4. Specify the path to Microsoft SharePoint templates, select the language and click **OK**. The language set in the drop-down list depends on the installed language packages on a SharePoint server.



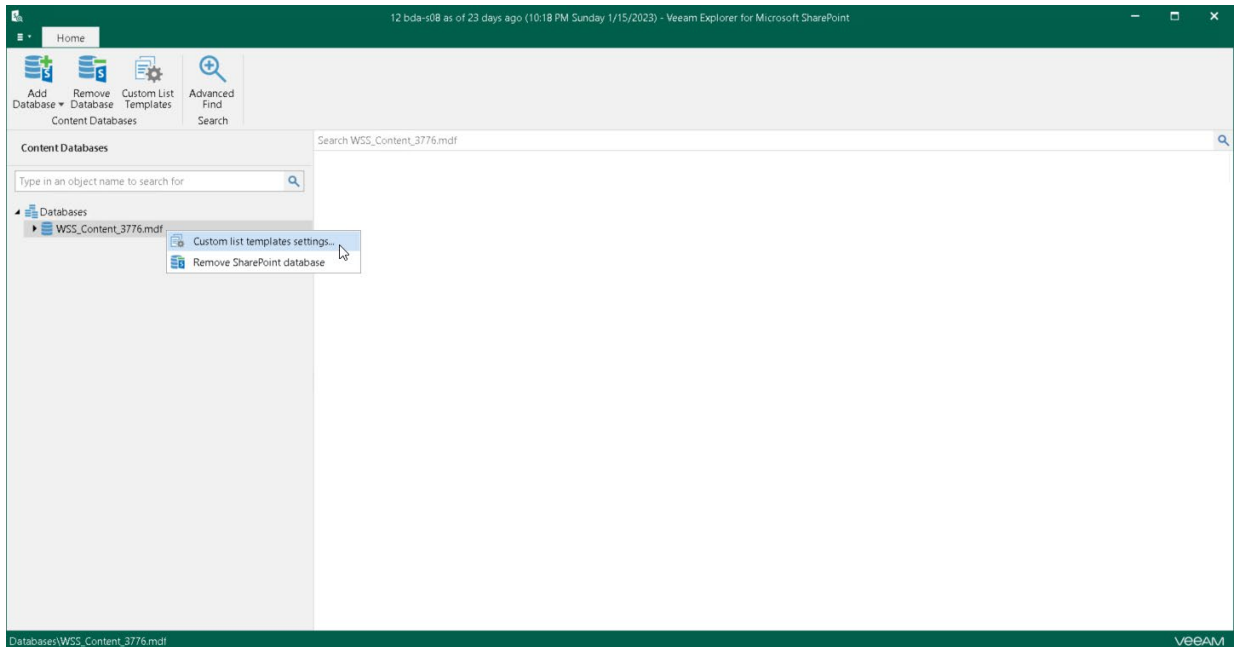
## Importing Templates Using Ribbon Menu

### NOTE

Available only for Microsoft SQL Server databases and requires a staging SQL server. For more information on configuring a staging server, see [Staging SQL Server](#).

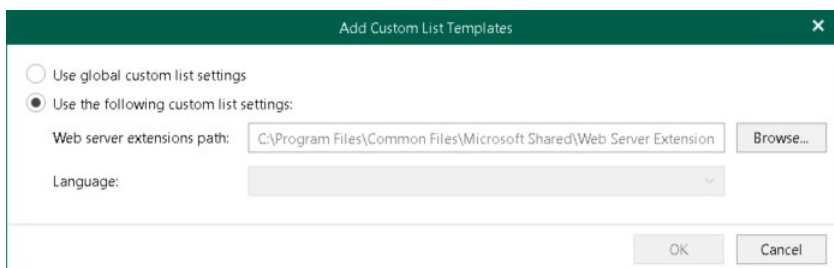
To import existing templates from the Microsoft SharePoint server using the ribbon menu, do the following:

1. In the navigation pane, select a SQL database.
2. Do one of the following:
  - Click **Custom List Templates** on the ribbon.
  - Right-click a SQL database and select **Custom list templates settings**.



3. Select how you want your templates to be applied:
  - Select **Use global custom list settings** to apply global list templates to the select database.
  - Select **Use the following custom list settings** to apply the templates to the selected database only.

When using the latter option, specify the path to the Microsoft SharePoint templates, select the language and click **OK**. The language set in the drop-down list depends on the installed language packages on a SharePoint server.



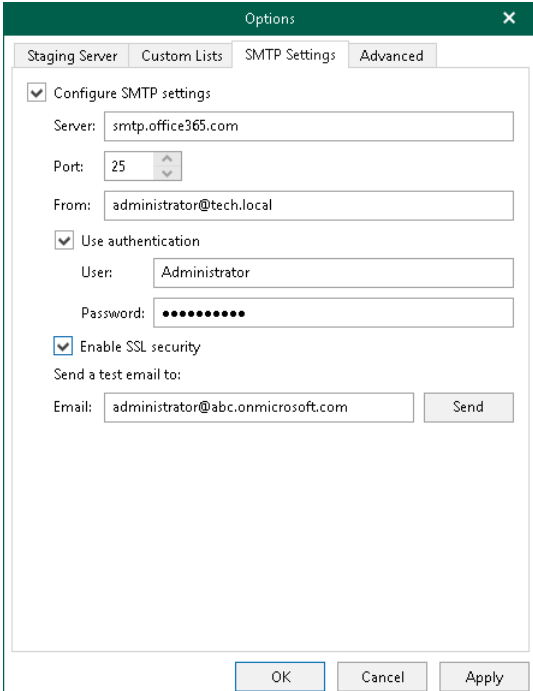
# SMTP Settings

To send Microsoft SharePoint items as attachments, you must configure SMTP server settings.

To configure SMTP settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **SMTP Settings** tab.
3. Select the **Configure SMTP settings** check box and do the following:
  - a. In the **Server** field, specify a DNS name or IP address of the SMTP server.
  - b. In the **Port** field, specify a port number of the specified SMTP server.

The default port number is 25. If you want to use SSL data encryption, specify port 587.
  - c. In the **From** field, specify the sender email address. This address will appear in the **From** field when sending SharePoint items.
  - d. If the specified SMTP server requires an authentication for outgoing mail, select the **Use authentication** check box and provide valid credentials.
  - e. Select the **Enable SSL security** check box to enable SSL data encryption.
4. Click **Send** to send a test email message.
5. Click **OK**.



The screenshot shows the 'Options' dialog box with the 'SMTP Settings' tab selected. The 'Configure SMTP settings' checkbox is checked. The 'Server' field contains 'smtp.office365.com', the 'Port' is set to 25, and the 'From' field contains 'administrator@tech.local'. The 'Use authentication' checkbox is checked, with 'Administrator' in the 'User' field and a masked password in the 'Password' field. The 'Enable SSL security' checkbox is also checked. At the bottom, the 'Send a test email to:' section has the 'Email' field set to 'administrator@abc.onmicrosoft.com' and a 'Send' button. The dialog has 'OK', 'Cancel', and 'Apply' buttons at the bottom.

Options	
Staging Server	Custom Lists
SMTP Settings	Advanced
<input checked="" type="checkbox"/> Configure SMTP settings	
Server:	smtp.office365.com
Port:	25
From:	administrator@tech.local
<input checked="" type="checkbox"/> Use authentication	
User:	Administrator
Password:	••••••••
<input checked="" type="checkbox"/> Enable SSL security	
Send a test email to:	
Email:	administrator@abc.onmicrosoft.com
Send	
OK Cancel Apply	

# Advanced Settings

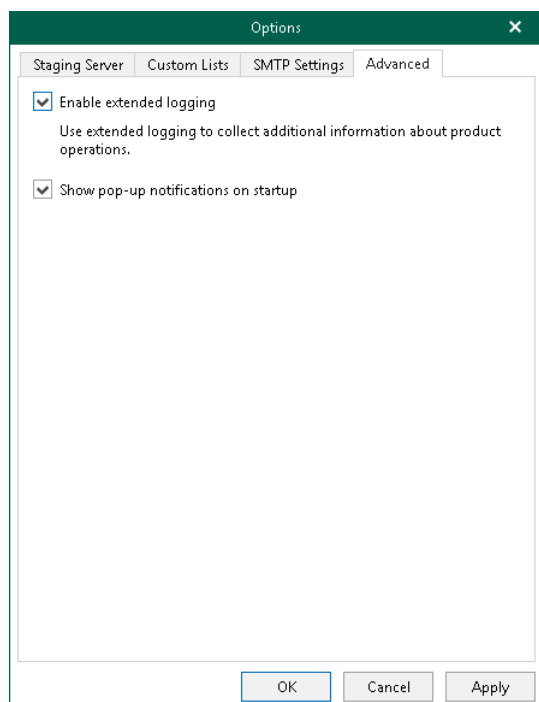
Veeam Explorer for Microsoft SharePoint allows you to configure advanced settings such as extended logging mode and pop-up notifications.

To configure advanced settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **Advanced** tab.
3. If you want to enable extended logging mode to collect logs that contain additional information on specific operations, select the **Enable extended logging** check box.

After enabling extended logging mode, you can go back to the application and perform actions for which you want to collect additional information. Then you can collect logs.

4. By default, Veeam Explorer for Microsoft SharePoint displays notifications when loading backups created by Veeam Backup for Microsoft 365 from object storage. If you want to disable these notifications, clear the **Show pop-up notifications on startup** check box.
5. Click **OK**.



# Standalone Databases

You can add standalone databases to the Veeam Explorer for Microsoft SharePoint scope and connect to a Veeam Backup for Microsoft 365 server and service provider server to view backups located on these servers.



# Adding Microsoft SharePoint Databases

You can add Microsoft SharePoint databases to the application scope manually.

When you add standalone Microsoft SharePoint databases to the application scope, Veeam Explorer for Microsoft SharePoint attaches such a database to the staging SQL server, creating a temporary Microsoft SharePoint content database from which you can restore your items.

To manually add new Microsoft SharePoint databases to the application scope, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Database > Microsoft SharePoint database** on the ribbon.
  - Right-click the **Databases** node and select **Add database**.
2. Specify the location of the Microsoft SharePoint primary content database file (.mdf). The secondary database and the transaction log file (.ldf) will be added as well. Keep in mind that shared folders and mapped network drives are not supported as a location for Microsoft SharePoint content database files.

To add remote BLOB stores, click **Add** next to the **Remote BLOB Stores** section.

3. Click **OK**.

Specify content database files location

Primary database file:

C:\sharepoint\newBase2.mdf [Browse...](#)

Secondary database and log files:

File ↑	Status	
C:\sharepoint\newBase2_log.LDF	OK	<a href="#">Browse...</a>

Remote BLOB Stores:

Folder ↑	Status	
----------	--------	--

[Add...](#)

OK Cancel

# Adding Veeam Backup for Microsoft 365 Databases

To manually add databases that store Microsoft 365 organization data, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Database > Veeam Backup for Microsoft 365 database** on the ribbon.
  - Right-click the **Databases** node and select **Veeam Backup for Microsoft 365 database**.
2. Specify the database file location and log directory.
3. Click **Open**.

## NOTE

Make sure you have disabled the *Veeam Backup Proxy for Microsoft 365 Service* when adding local databases. You can stop this service by using the `services.msc` console. If you try to add a database having this service still in progress, you will receive an error message and will not be able to access the database due to database lock.

# Adding Veeam Backup for Microsoft 365 Server

You can use the built-in Veeam Explorer for Microsoft SharePoint abilities to connect to another Veeam Backup for Microsoft 365 server and add its databases to the Veeam Explorer for Microsoft SharePoint scope.

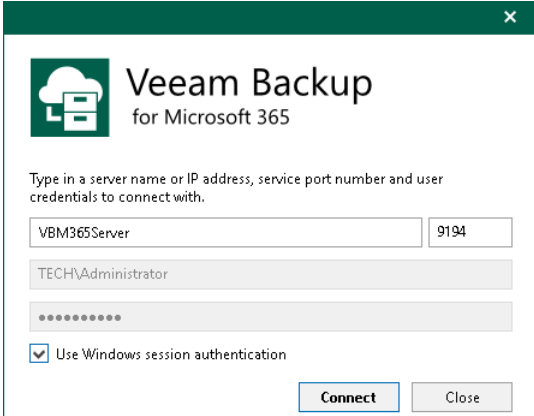
To connect to another Veeam Backup for Microsoft 365 server remotely, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Database > Veeam Backup for Microsoft 365 server** on the ribbon.
  - Right-click the **Databases** node and select **Veeam Backup for Microsoft 365 server**.

2. Specify a server name or IP address and enter credentials to access the specified server.

Select the **Use Windows session authentication** check box to connect with the user account under which you are currently logged in.

3. Click **Connect**.



The screenshot shows a dialog box titled "Veeam Backup for Microsoft 365". It contains a text prompt: "Type in a server name or IP address, service port number and user credentials to connect with." Below this are three input fields: the first contains "VBM365Server", the second contains "9194", and the third contains "TECH\Administrator". There is a password field with masked characters. A checkbox labeled "Use Windows session authentication" is checked. At the bottom are "Connect" and "Close" buttons.

# Adding Veeam Backup for Microsoft 365 Service Provider

In Veeam Explorer for Microsoft SharePoint, you can connect to a service provider server to add its backups to the application scope and perform a restore directly from such backups.

## NOTE

Make sure that both Veeam Explorer for Microsoft SharePoint and Veeam Backup & Replication are installed on the same server and at least one service provider is added to Veeam Backup & Replication. For more information, see the [Connecting to Service Providers](#) section of the Veeam Cloud Connect Guide.

To add Veeam Backup for Microsoft 365 service providers, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Database > Veeam Backup for Microsoft 365 service provider** on the ribbon.
  - Right-click the **Databases** node and select **Veeam Backup for Microsoft 365 service provider**.
2. From the **Select service provider and authentication method** drop-down list, select a service provider that you want to add and select an authentication method that can be either *Modern authentication* or *Basic authentication*.
3. [For *Modern authentication*] Select a region to which a Microsoft 365 organization of the selected service provider belongs.
4. [For *Modern authentication*] Copy the device code and use it to sign in to Azure Active Directory.

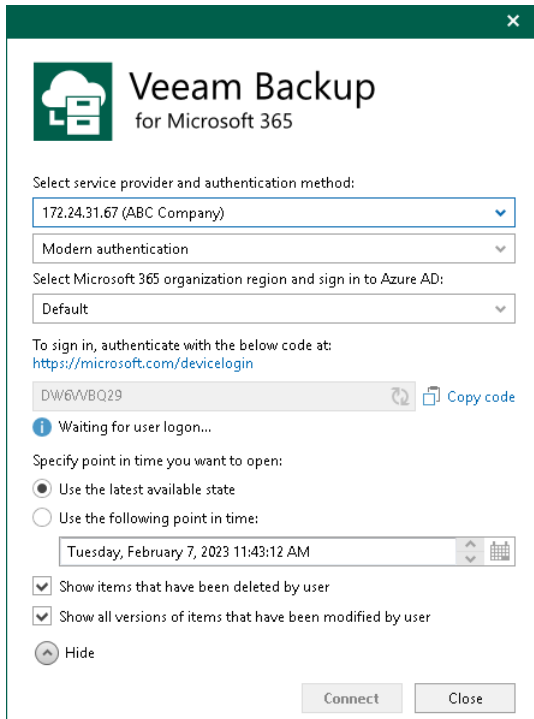
For *Basic authentication*, you must enter a user name and password to connect to the service provider server.

## NOTE

You cannot use *Basic authentication* to load backups if a Microsoft 365 organization has been added to the service provider infrastructure using *Modern authentication*.

5. Select a point-in-time state as of which you want to load Microsoft 365 backups.  
To select a point in time, use the calendar control.
6. Select the **Show items that have been deleted by user** check box to see all the items that were removed.
7. Select the **Show all versions of items that have been modified by user** check box if you want to load modified versions.

8. Click **Connect**.



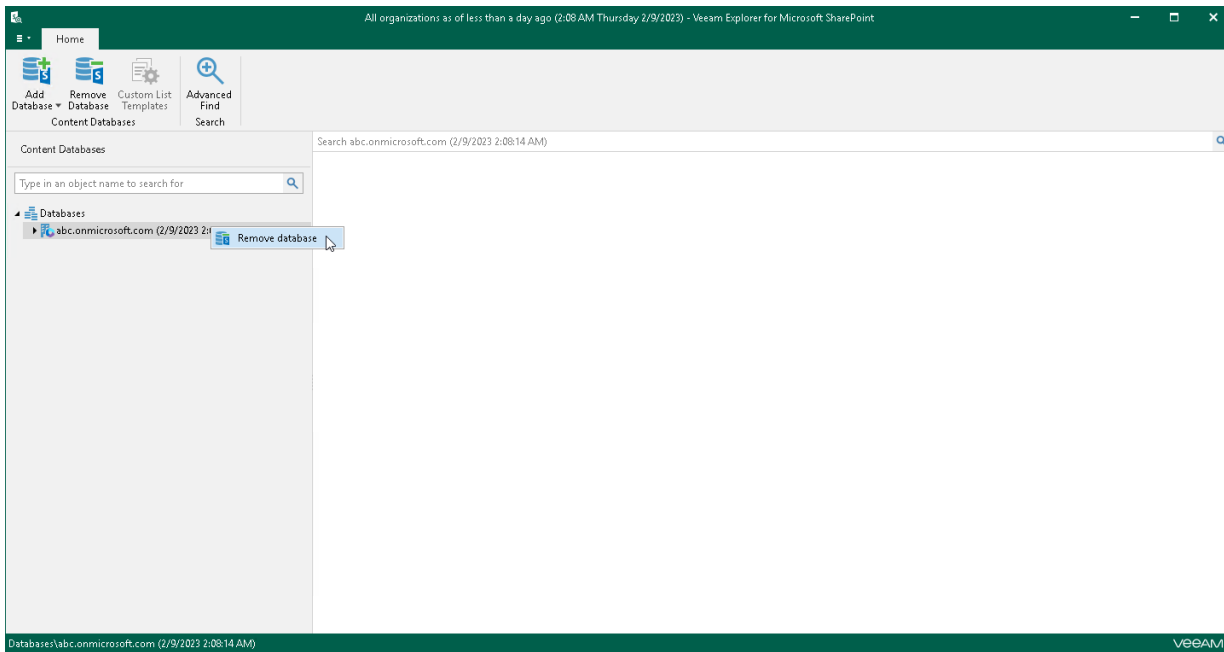
The image shows a window titled "Veeam Backup for Microsoft 365". It contains the following elements:

- Header:** Veeam Backup for Microsoft 365 logo and title.
- Service Provider Selection:** A dropdown menu labeled "Select service provider and authentication method:" with the value "172.24.31.67 (ABC Company)".
- Authentication Method:** A dropdown menu labeled "Modern authentication".
- Organization Region Selection:** A dropdown menu labeled "Select Microsoft 365 organization region and sign in to Azure AD:" with the value "Default".
- Sign-in Instructions:** Text stating "To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>".
- Authentication Code:** A text field containing "DW6VVBQ29" with a "Copy code" button.
- Waiting for User Logon:** A status indicator showing "Waiting for user logon..." with a refresh icon.
- Specify point in time you want to open:** Two radio buttons: "Use the latest available state" (selected) and "Use the following point in time:". Below the second option is a date/time picker showing "Tuesday, February 7, 2023 11:43:12 AM".
- Checkboxes:** Two checked checkboxes: "Show items that have been deleted by user" and "Show all versions of items that have been modified by user".
- Buttons:** "Connect" and "Close" buttons at the bottom right.
- Other:** A "Hide" button with an upward arrow icon.

# Removing Databases

Veeam Explorer for Microsoft SharePoint allows you to remove Microsoft SharePoint databases from the application scope when you no longer need it.

To remove a database from the application scope, right-click a database in the navigation pane and select **Remove database**.



# Data Restore

You can use Veeam Explorer for Microsoft SharePoint to restore backed-up Microsoft SharePoint data to the original location or other [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

## TIP

Before restoring data, make sure to read [Considerations and Limitations](#).

# Restoring Sites

Veeam Explorer for Microsoft SharePoint allows you to restore Microsoft SharePoint sites to the original location or other [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

## Restoring Sites to Original Location

To restore Microsoft SharePoint sites to the original location, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Specify a target site alias.](#)
5. [Specify restore options.](#)



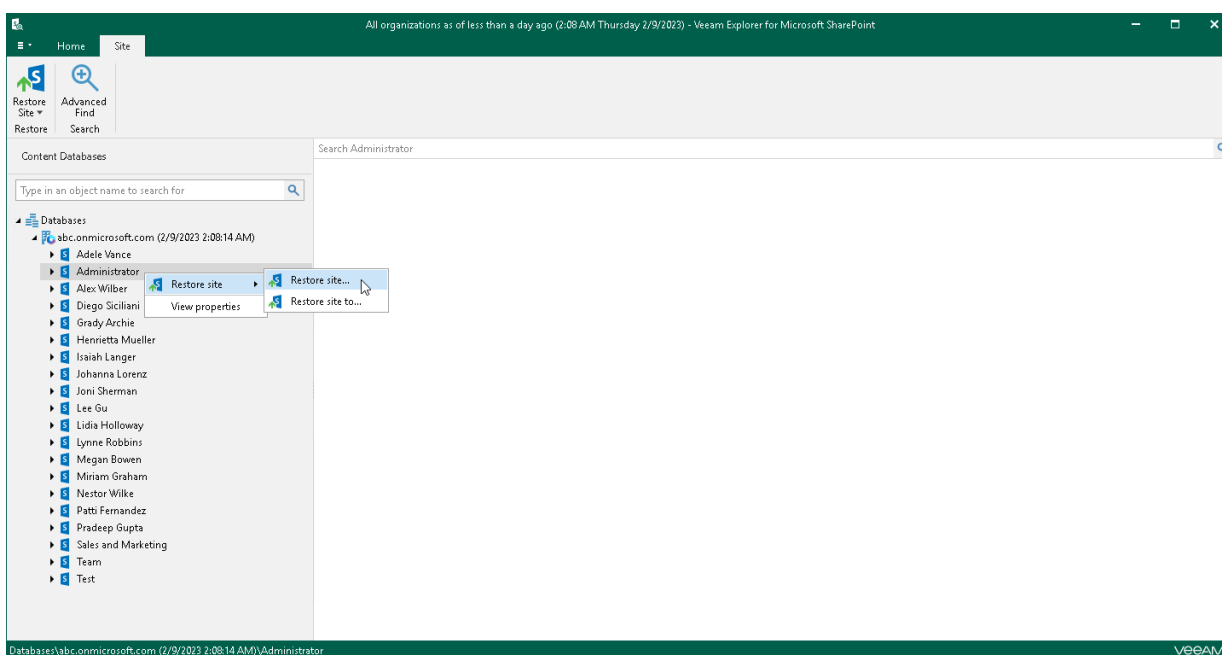
## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a site that you want to restore.
2. Do one of the following:
  - On the **Site** tab, click **Restore Site** > **Restore site to <site\_name>** on the ribbon.
  - Right-click a site and select **Restore site** > **Restore site**.

### NOTE

When restoring sites to site collections, make sure that such collections exist in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication, or authenticate on an on-premises Microsoft SharePoint server, and specify authentication settings.

### Modern Authentication

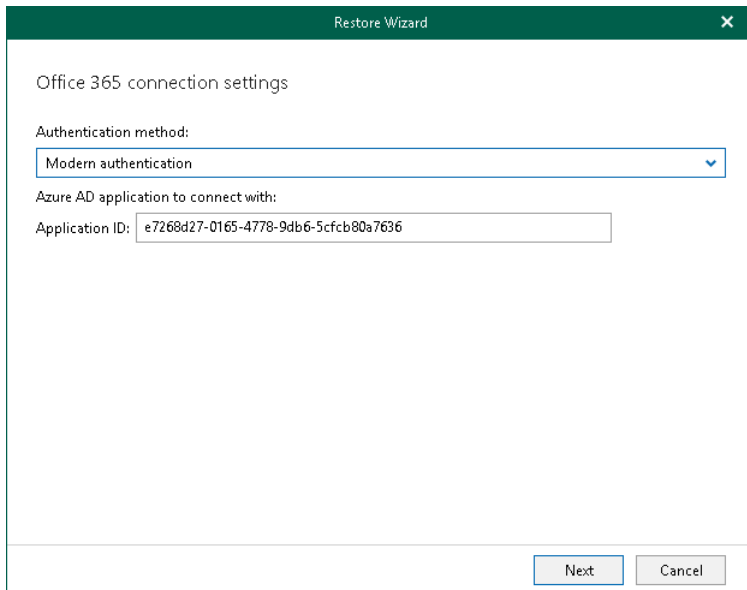
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft SharePoint populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



Restore Wizard

Office 365 connection settings

Authentication method:  
Modern authentication

Azure AD application to connect with:  
Application ID: e7268d27-0165-4778-9db6-5cfcb80a7636

Next Cancel

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.

The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Office 365 connection settings'. It contains a section 'Authentication method:' with a dropdown menu set to 'Basic authentication'. Below this is a section 'User account to connect with:' with two input fields: 'Username:' containing 'administrator@abc.onmicrosoft.com' and 'Password:' with masked characters. At the bottom left, there is an information icon and a note: 'To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.' At the bottom right, there are 'Next' and 'Cancel' buttons.

## On-Premises Organizations

To authenticate on an on-premises Microsoft SharePoint server, use an account that you are currently logged in to or provide a user name and password.

The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Specify target Microsoft SharePoint Server credentials'. It contains two radio button options: 'Use current account (EPSILON\Administrator)' and 'Use the following account:'. The second option is selected. Below the selected option are two input fields: 'Username:' containing 'tech\Administrator' and 'Password:' with masked characters. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

# Restoring from Microsoft SQL Database

When restoring from a Microsoft SQL database, provide the following:

- The site URL to which you want to restore your site.
- Authentication credentials.

## NOTE

When restoring Microsoft SharePoint sites from a Microsoft SQL database, you will proceed directly to the [Specify Restore Options](#) step of the wizard.

The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main heading is "Specify target SharePoint site and domain account". Below this, there are two sections:

1. "Restore to the following site URL:" followed by a text input field containing "http://new\_site/".

2. "Specify user account to connect to SharePoint Server:" followed by two radio button options:

- ☐ Use current account (BDA\administrator)
- ☒ Use the following account:

Below the second option, there are two text input fields:

- "Username:" with the value "tech\administrator"
- "Password:" with a masked password represented by ten dots "••••••••••"

At the bottom right of the dialog, there are two buttons: "Next" (highlighted with a blue border) and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available for data restore from backups created by Veeam Backup for Microsoft 365 and if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

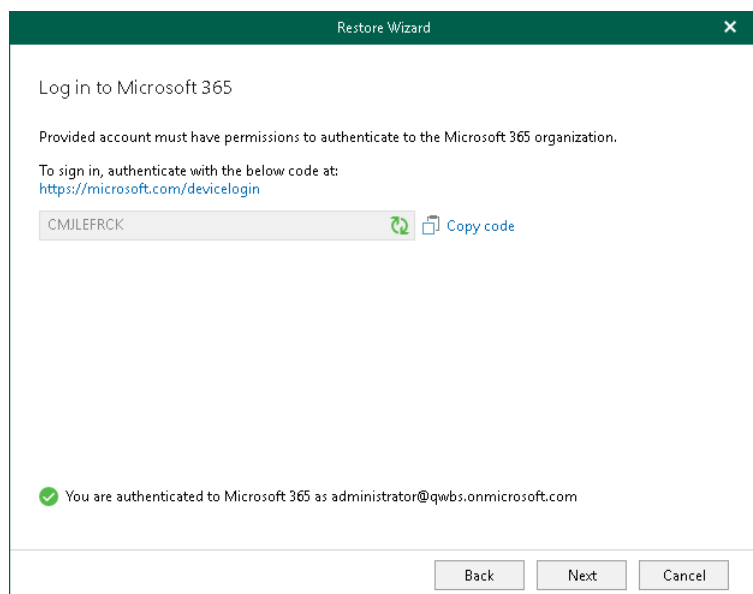
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



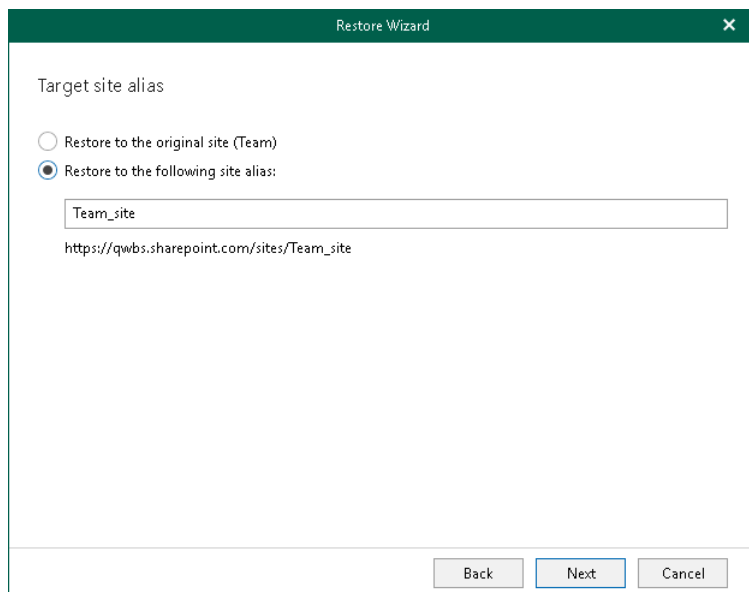
## Step 4. Specify Target Site Alias

This step is only available if you restore subsites or site collections from backups created by Veeam Backup for Microsoft 365 with the *Group#0* or *SITEPAGEPUBLISHING#0* template. These are subsites, team sites with modern authentication or communication sites with modern authentication. For sites with different template, such as personal sites or other sites, this step is unavailable. You proceed to the [Specify Restore Options](#) step.

At this step of the wizard, specify a target site alias that you want to use for data restore.

### NOTE

When restoring site collections other than site collections with the *Group#0* or *SITEPAGEPUBLISHING#0* template, make sure that such collections exist in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main area is titled 'Target site alias'. There are two radio button options: 'Restore to the original site (Team)' and 'Restore to the following site alias:'. The second option is selected. Below it is a text input field containing 'Team\_site'. Underneath the input field, the URL 'http://qwbbs.sharepoint.com/sites/Team\_site' is displayed. At the bottom of the window, there are three buttons: 'Back', 'Next' (which is highlighted with a blue border), and 'Cancel'.

## Step 5. Specify Restore Options

At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore permissions.** Allows you to restore permissions. If not selected, the permissions for the restored document library or list will be set in the following way:
  - If the library (or list) does not exist on target, it will be created inheriting permissions from the parent object.
  - If the library (or list) already exists on target, permissions will be preserved.
- **Restore list views.** Allows you to restore your list views.
- **Restore subsites.** Allows you to restore your subsites.

### NOTE

The **Send a notification by email to the users with permissions to the file** check box is only available when restoring data from backups created by Veeam Backup for Microsoft 365 for Microsoft 365 organizations.

The screenshot shows the 'Restore Wizard' window, specifically the 'Restore options' step. The window has a title bar with 'Restore Wizard' and a close button. The main content area is divided into several sections:

- Restore the following items:** Contains two checked checkboxes: 'Changed items' and 'Missing items'.
- History restore options:** Contains a checked checkbox 'Restore only latest version' and two radio buttons: 'Overwrite' (selected) and 'Merge'.
- Additional options:** Contains four checked checkboxes: 'Restore permissions', 'Send a notification by email to the users with permissions to the file', 'Restore list views', and 'Restore subsites'.

At the bottom of the window, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

# Restoring Sites to Another Location

You can restore Microsoft SharePoint sites to other [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

## Restore to Microsoft 365 Organizations

You can restore backed-up data to Microsoft 365 organizations with enabled [multi-factor authentication](#) (MFA) and enabled or disabled [security defaults](#). For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

To restore Microsoft SharePoint sites to another Microsoft 365 organization, do the following:

1. [Launch the Restore wizard.](#)
2. [Select a target site location.](#)
3. [Select an authentication method.](#)
4. [Log in to Microsoft 365.](#)
5. [Specify a target site web address.](#)
6. [Specify restore options.](#)



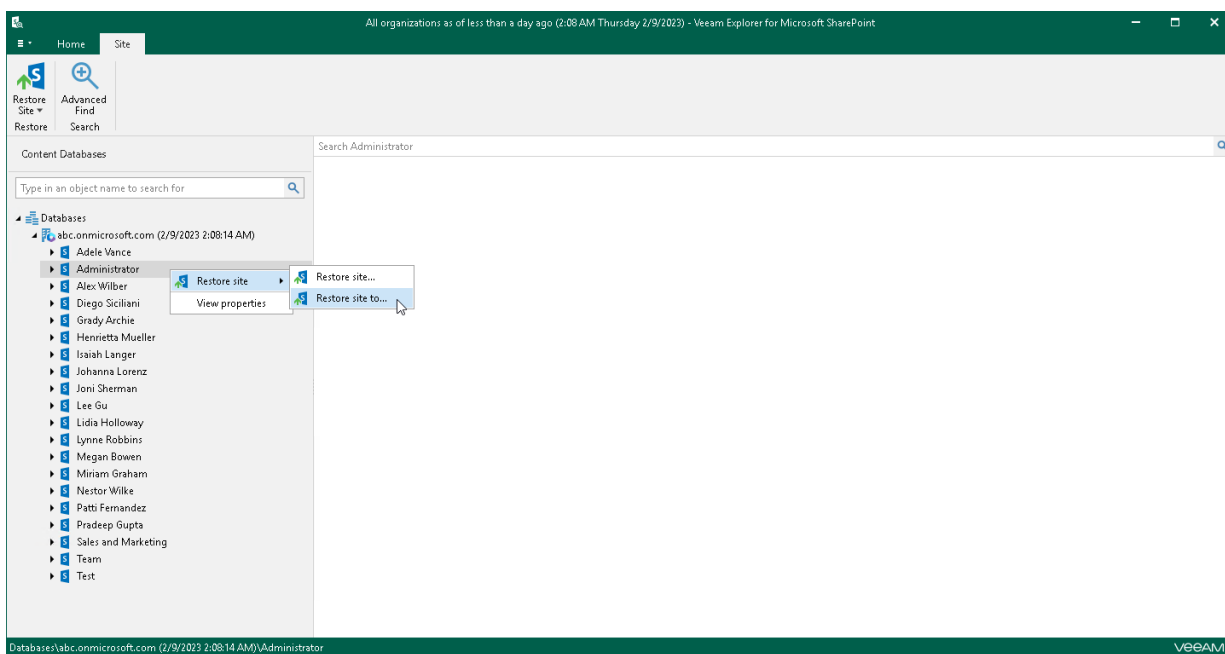
## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a site that you want to restore.
2. Do one of the following:
  - On the **Site** tab, click **Restore Site** > **Restore site to** on the ribbon.
  - Right-click a site and select **Restore site** > **Restore site to**.

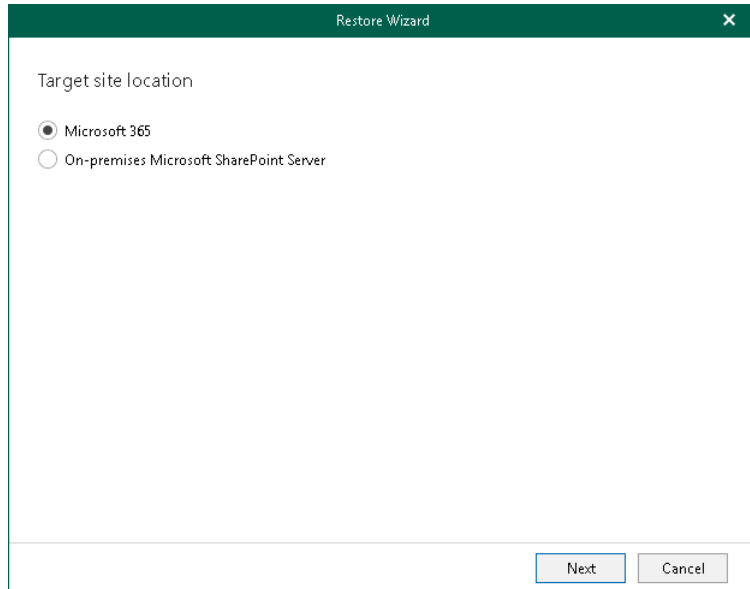
### NOTE

When restoring sites to site collections, make sure that such collections exist in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.



## Step 2. Select Target Site Location

At this step of the wizard, select **Microsoft 365** to restore the SharePoint site to a SharePoint Online organization with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.



Restore Wizard

Target site location

☒ Microsoft 365

☐ On-premises Microsoft SharePoint Server

Next Cancel

## Step 3. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

## Modern Authentication

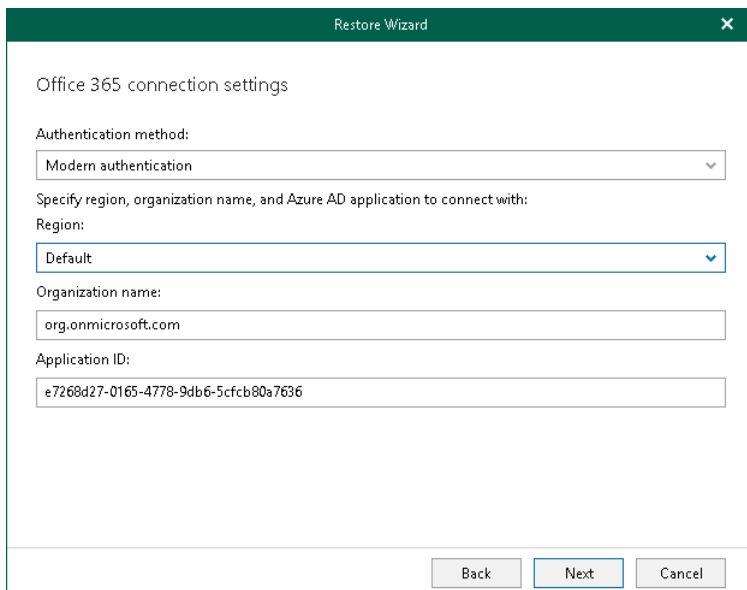
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. From the **Region** drop-down list, select a region to which your target SharePoint Online organization belongs.
3. In the **Organization name** field, enter a name of your target SharePoint Online organization.
4. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft SharePoint populates this field with an identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

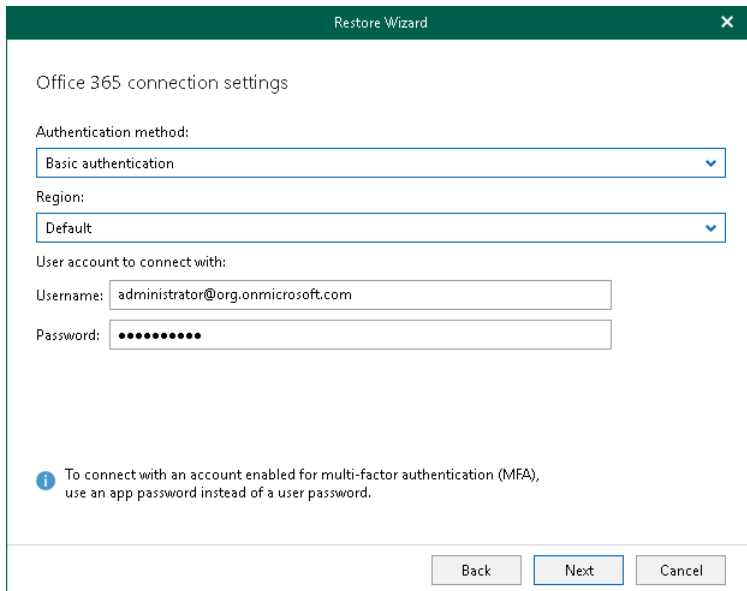


The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Office 365 connection settings'. It contains four fields: 'Authentication method:' with a dropdown menu showing 'Modern authentication'; 'Specify region, organization name, and Azure AD application to connect with:' with a 'Region:' dropdown menu showing 'Default'; 'Organization name:' with a text input field containing 'org.onmicrosoft.com'; and 'Application ID:' with a text input field containing 'e7268d27-0165-4778-9db6-5cfc80a7636'. At the bottom, there are three buttons: 'Back', 'Next', and 'Cancel'.

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. From the **Region** drop-down list, select a region to which your target SharePoint Online organization belongs.
3. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.



The screenshot shows a 'Restore Wizard' dialog box with a dark green title bar. The main content area is titled 'Office 365 connection settings'. It contains three sections: 'Authentication method:' with a dropdown menu set to 'Basic authentication'; 'Region:' with a dropdown menu set to 'Default'; and 'User account to connect with:' which includes a 'Username:' field containing 'administrator@org.onmicrosoft.com' and a 'Password:' field with masked characters. At the bottom left, there is an information icon and a note: 'To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.' At the bottom right, there are three buttons: 'Back', 'Next', and 'Cancel'.

Restore Wizard

Office 365 connection settings

Authentication method:  
Basic authentication

Region:  
Default

User account to connect with:  
Username: administrator@org.onmicrosoft.com  
Password: .....

**i** To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.

Back Next Cancel

## Step 4. Log In to Microsoft 365

This step is only available if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

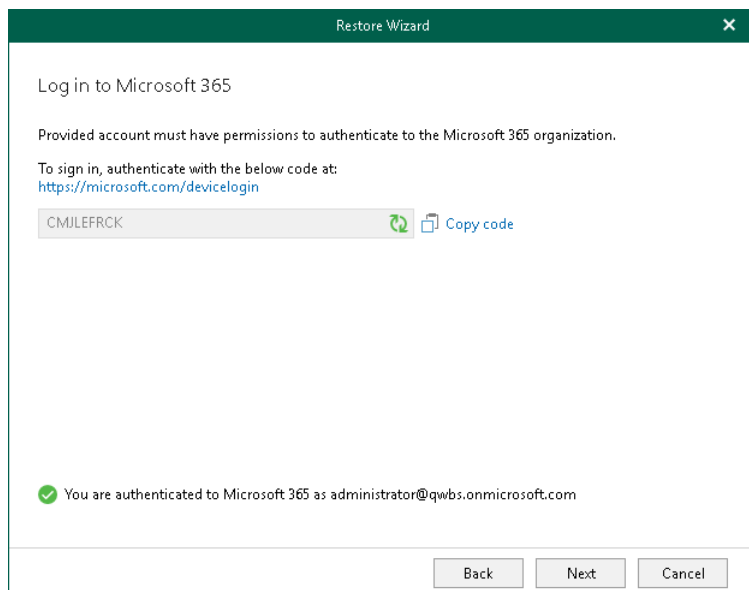
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', and 'To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>'. Below this is a text input field containing the code 'CMJLEFRCK' and a 'Copy code' button with a copy icon. At the bottom, there is a green checkmark icon and the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. The bottom of the window features three buttons: 'Back', 'Next', and 'Cancel'.

# Step 5. Specify Target Site Web Address

At this step of the wizard, specify web address of a target SharePoint site.

NOTE

When restoring site collections, make sure that such collections exist in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.

Restore Wizard

Target site URL

Restore to the following site URL:

https://org.sharepoint.com/sites/Team\_site

Back

Next

Cancel

## Step 6. Specify Restore Options

At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore list views.** Allows you to restore your list views.
- **Restore subsites.** Allows you to restore your subsites.

Restore Wizard

Restore options

Restore the following items:

- ☒ Changed items
- ☒ Missing items

History restore options:

- ☒ Restore only latest version
  - ☒ Overwrite
  - ☐ Merge

Additional options:

- ☐ Restore permissions
- ☐ Send a notification by email to the users with permissions to the file
- ☒ Restore list views
- ☒ Restore subsites

Back Restore Cancel

## Restore to On-Premises Microsoft Servers

You can restore backed-up data to on-premises Microsoft SharePoint servers. For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

To restore Microsoft SharePoint sites to an on-premises Microsoft SharePoint server, do the following:

1. [Launch the Restore wizard.](#)
2. [Select a target site location.](#)
3. [Specify a target site web address and credentials.](#)
4. [Specify restore options.](#)

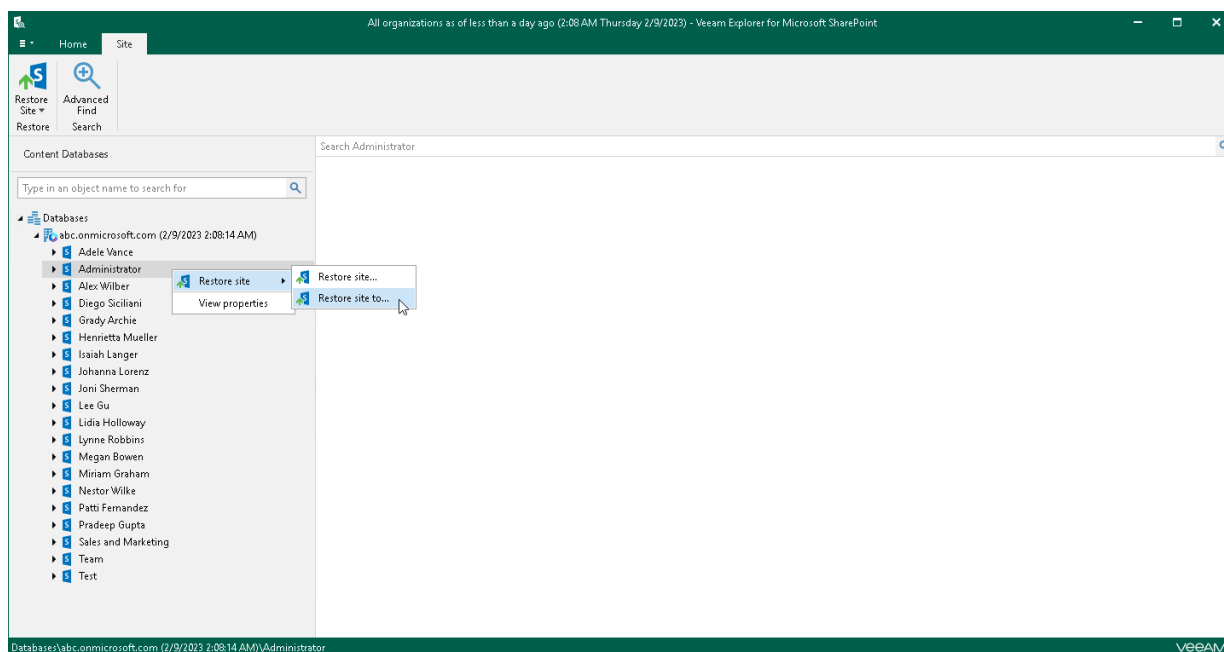
## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a site that you want to restore.
2. Do one of the following:
  - On the **Site** tab, click **Restore Site** > **Restore site to** on the ribbon.
  - Right-click a site and select **Restore site** > **Restore site to**.

### NOTE

When restoring sites to site collections, make sure that such collections exist in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.





## Step 2. Select Target Site Location

At this step of the wizard, select **On-premises Microsoft SharePoint Server** to restore the SharePoint site to an on-premises Microsoft SharePoint organization. For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

Restore Wizard

Target site location

☐ Microsoft 365

☒ On-premises Microsoft SharePoint Server

Next

Cancel

### Step 3. Specify Target Site Web Address and Credentials

At this step of the wizard, specify web address of a target SharePoint site and provide credentials to connect to the Microsoft SharePoint server.

#### NOTE

Make sure that you restore to site collection that exists in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.

To specify web address of a target site and credentials to connect to SharePoint server, do the following:

1. In the **Restore to the following site URL** field, specify web address of a target site.
2. In the **Specify user account to connect to SharePoint Server** section, use an account that you are currently logged in to or provide a user name and password to connect to the on-premises Microsoft SharePoint server.

The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Specify target SharePoint site and domain account'. It contains the following elements:

- A label 'Restore to the following site URL:' followed by a text input field containing 'http://srv01:12345/sites/testcollection'.
- A label 'Specify user account to connect to SharePoint Server:' followed by two radio buttons:
  - ☐ Use current account (SRV0101\Administrator)
  - ☒ Use the following account:
- Below the second radio button, there are two text input fields:
  - 'Username:' with the value 'srv01\Administrator'
  - 'Password:' with masked characters '••••••••'
- An information icon (i) followed by the text: 'Specify an existing site collection URL to restore a site to on-premises SharePoint Server.'

At the bottom of the dialog, there are three buttons: 'Back', 'Next' (highlighted with a blue border), and 'Cancel'.

## Step 4. Specify Restore Options

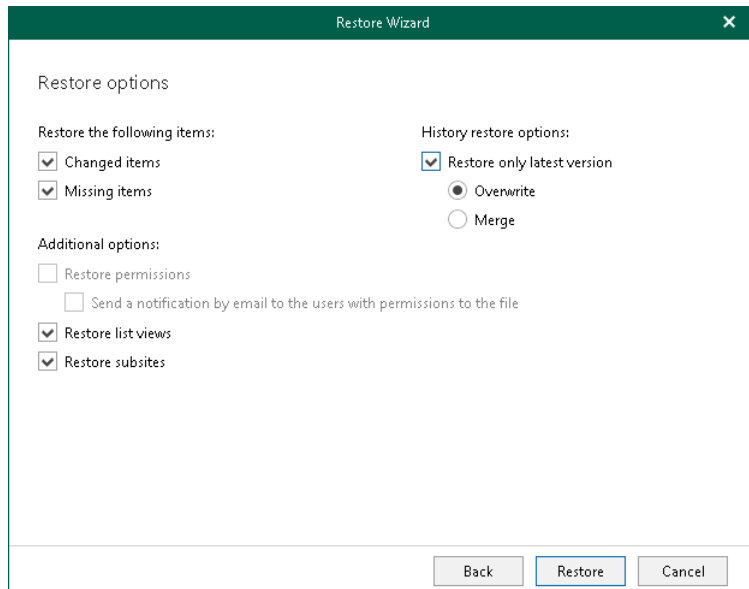
At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore list views.** Allows you to restore your list views.
- **Restore subsites.** Allows you to restore your subsites.



The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main area is titled 'Restore options' and contains three sections of checkboxes:

- Restore the following items:**
  - ☒ Changed items
  - ☒ Missing items
- History restore options:**
  - ☒ Restore only latest version
    - ☒ Overwrite
    - ☐ Merge
- Additional options:**
  - ☐ Restore permissions
    - ☐ Send a notification by email to the users with permissions to the file
  - ☒ Restore list views
  - ☒ Restore subsites

At the bottom right, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

# Restoring Document Libraries and Lists

Veeam Explorer for Microsoft SharePoint allows you to restore Microsoft SharePoint document libraries and lists to the original location or other [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

## Restoring Document Libraries and Lists to Original Location

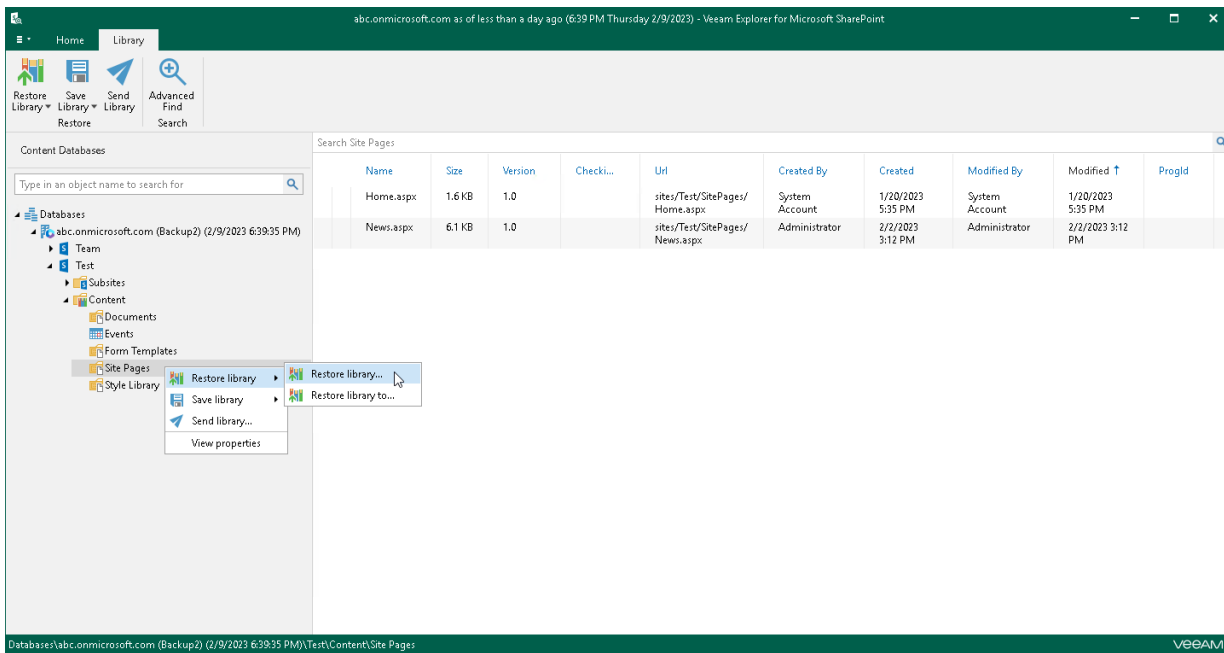
To restore Microsoft SharePoint document libraries and lists to the original location, do the following:

1. [Launch the restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Specify a target list.](#)
5. [Specify restore options.](#)

## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a document library or a list that you want to restore.
2. Do one of the following:
  - On the **Library** tab, click **Restore Library** > **Restore library to <library\_name>** on the ribbon.
  - Right-click a library and select **Restore library** > **Restore library**.
  - On the **List** tab, click **Restore List** > **Restore list to <list\_name>** on the ribbon.
  - Right-click a list and select **Restore list** > **Restore list**.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication, or authenticate on an on-premises Microsoft SharePoint server, and specify authentication settings.

### Modern Authentication

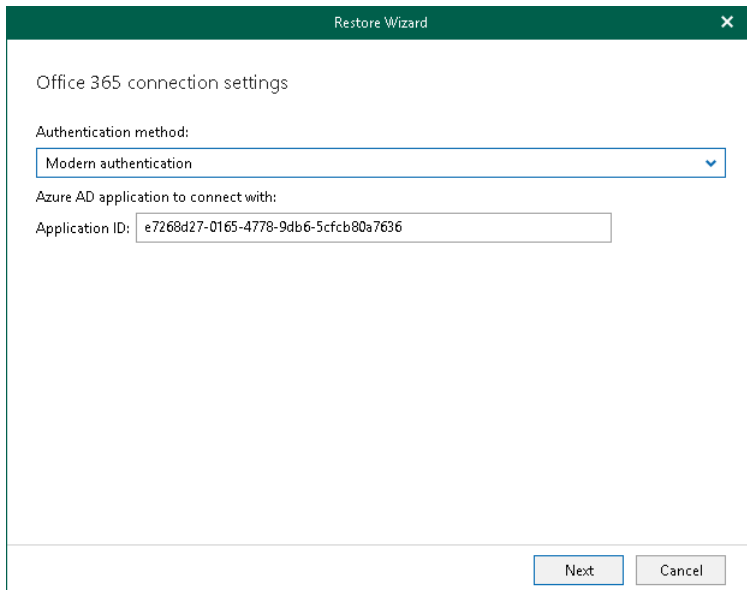
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft SharePoint populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Office 365 connection settings". Below this title, there are two sections. The first section is labeled "Authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Azure AD application to connect with:" and contains a text field with the value "Application ID: e7268d27-0165-4778-9db6-5cfcb80a7636". At the bottom right of the window, there are two buttons: "Next" and "Cancel".

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.

The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Office 365 connection settings'. It contains a section 'Authentication method:' with a dropdown menu showing 'Basic authentication'. Below this is a section 'User account to connect with:' with two text input fields: 'Username:' containing 'administrator@abc.onmicrosoft.com' and 'Password:' containing a masked password (represented by dots). At the bottom left, there is an information icon and a note: 'To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.' At the bottom right, there are 'Next' and 'Cancel' buttons.

## On-Premises Organizations

To authenticate on an on-premises Microsoft SharePoint server, use an account that you are currently logged in to or provide a user name and password.

The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Specify target Microsoft SharePoint Server credentials'. It contains two radio button options: 'Use current account (EPSILON\Administrator)' and 'Use the following account:'. The second option is selected. Below the selected option are two text input fields: 'Username:' containing 'tech\Administrator' and 'Password:' containing a masked password (represented by dots). At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

# Restoring from Microsoft SQL Database

When restoring from a Microsoft SQL database, provide the following:

- The site URL to which you want to restore your site.
- Authentication credentials.

## NOTE

When restoring Microsoft SharePoint document libraries and lists from a Microsoft SQL database, you will proceed directly to the [Specify Restore Options](#) step of the wizard.

The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main heading is "Specify target SharePoint site and domain account". Below this, there are two sections:

1. "Restore to the following site URL:" with a text input field containing "http://new\_site/".

2. "Specify user account to connect to SharePoint Server:" with two radio button options:

- ☐ Use current account (BDA\administrator)
- ☒ Use the following account:

Below the second option, there are two text input fields:

- "Username:" with the value "tech\administrator"
- "Password:" with masked characters "\*\*\*\*\*"

At the bottom right of the dialog, there are two buttons: "Next" (highlighted with a blue border) and "Cancel".



## Step 3. Log In to Microsoft 365

This step is only available for data restore from backups created by Veeam Backup for Microsoft 365 and if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

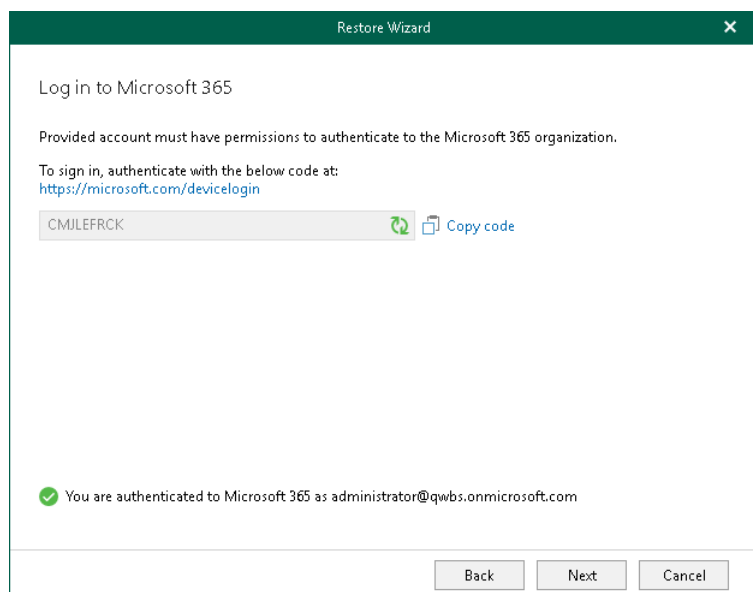
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



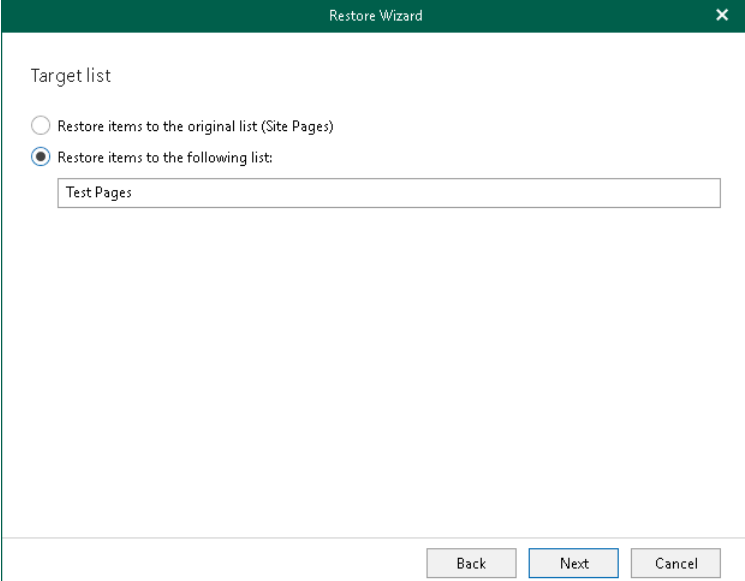
## Step 4. Specify Target List

At this step of the wizard, select whether you want to restore backed-up data to the original list or specify a custom list.

You can select one of the following options:

- **Restore items to the original list.** To restore the document library or list back to the original list.
- **Restore items to the following list.** To restore the document library or list to the specified list.

If the specified list does not exist, Veeam Explorer for Microsoft SharePoint will create it automatically.



Restore Wizard

Target list

☐ Restore items to the original list (Site Pages)

☒ Restore items to the following list:

Test Pages

Back Next Cancel

## Step 5. Specify Restore Options

At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore permissions.** Allows you to restore permissions. If not selected, the permissions for the restored document library or list will be set in the following way:
  - If the library (or list) does not exist on target, it will be created inheriting permissions from the parent object.
  - If the library (or list) already exists on target, permissions will be preserved.
- **Restore list views.** Allows you to restore your list views.

### NOTE

The **Send a notification by email to the users with permissions to the file** check box is only available when restoring data from backups created by Veeam Backup for Microsoft 365 for Microsoft 365 organizations.

Restore Wizard

Restore options

Restore the following items:

- ☒ Changed items
- ☒ Missing items

History restore options:

- ☒ Restore only latest version
  - ☒ Overwrite
  - ☐ Merge

Additional options:

- ☒ Restore permissions
  - ☒ Send a notification by email to the users with permissions to the file
- ☒ Restore list views

Back Restore Cancel

# Restoring Document Libraries and Lists to Another Location

You can restore Microsoft SharePoint document libraries and lists to other [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

## Restore to Microsoft 365 Organizations

You can restore backed-up data to Microsoft 365 organizations with enabled [multi-factor authentication](#) (MFA) and enabled or disabled [security defaults](#). For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

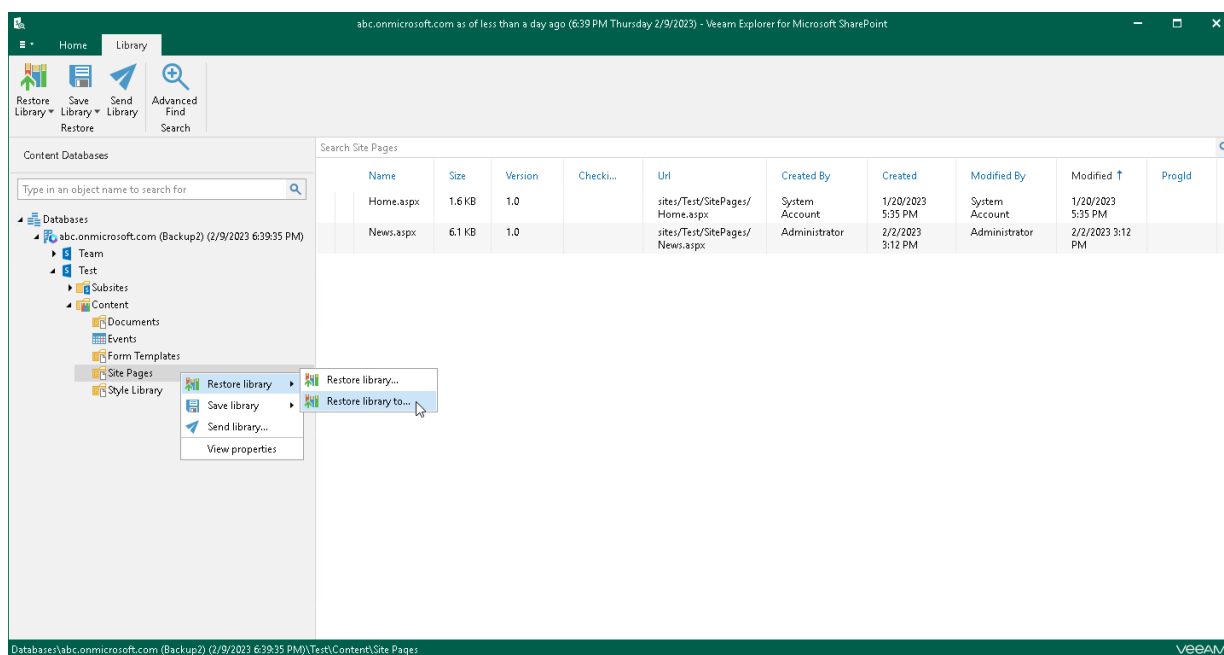
To restore Microsoft SharePoint document libraries and lists to another Microsoft 365 organization, do the following:

1. [Launch the Restore wizard.](#)
2. [Select a target site location.](#)
3. [Select an authentication method.](#)
4. [Log in to Microsoft 365.](#)
5. [Specify a target site web address and a target list.](#)
6. [Specify restore options.](#)

## Step 1. Launch Restore Wizard

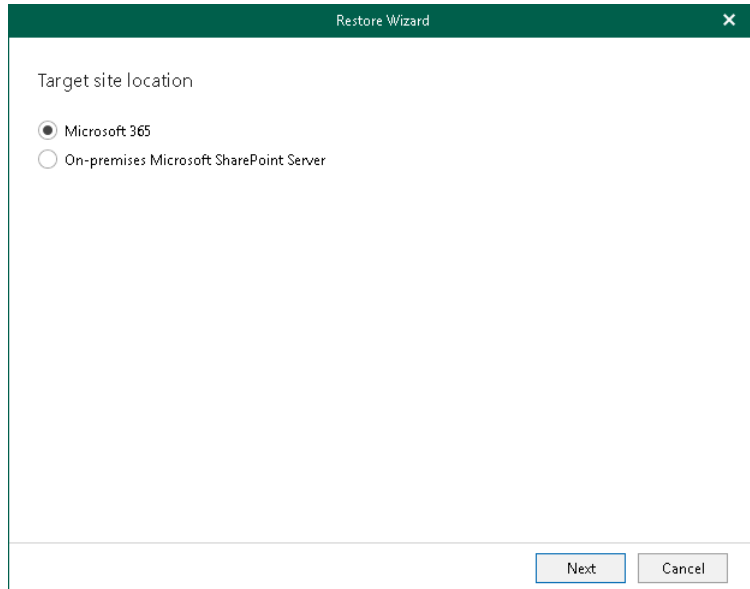
To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a document library or a list that you want to restore.
2. Do one of the following:
  - On the **Library** tab, click **Restore Library** > **Restore library to** on the ribbon.
  - Right-click a library and select **Restore library** > **Restore library to**.
  - On the **List** tab, click **Restore List** > **Restore list to** on the ribbon.
  - Right-click a list and select **Restore list** > **Restore list to**.



## Step 2. Select Target Site Location

At this step of the wizard, select **Microsoft 365** to restore the document library or list to a SharePoint Online organization with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main area is labeled "Target site location" and contains two radio button options: "Microsoft 365" (which is selected, indicated by a filled circle) and "On-premises Microsoft SharePoint Server" (which is unselected, indicated by an empty circle). At the bottom right of the window, there are two buttons: "Next" and "Cancel".

## Step 3. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

## Modern Authentication

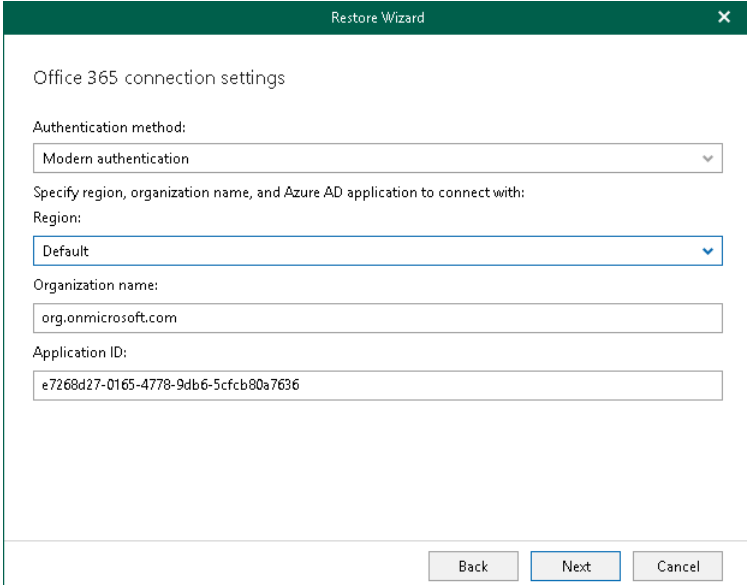
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. From the **Region** drop-down list, select a region to which your target SharePoint Online organization belongs.
3. In the **Organization name** field, enter a name of your target SharePoint Online organization.
4. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft SharePoint populates this field with an identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

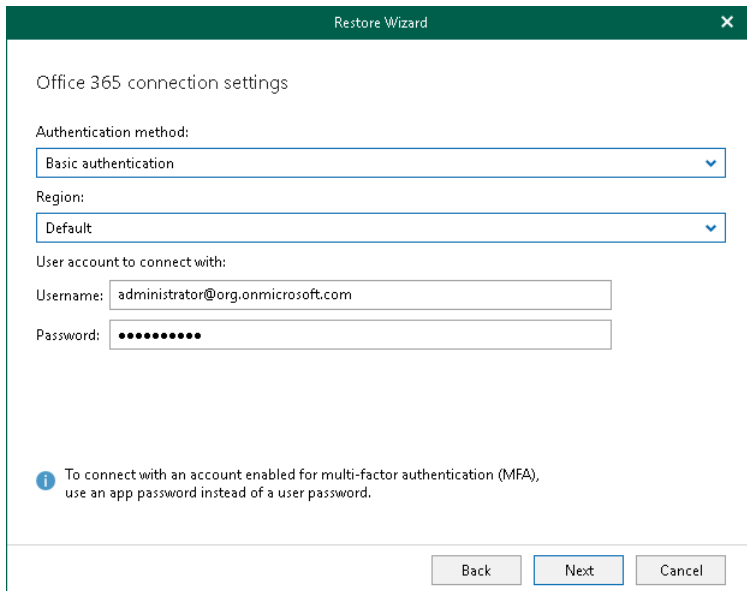


The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Office 365 connection settings'. It contains four fields: 'Authentication method:' with a dropdown menu showing 'Modern authentication'; 'Specify region, organization name, and Azure AD application to connect with:' with a 'Region:' dropdown menu showing 'Default'; 'Organization name:' with a text box containing 'org.onmicrosoft.com'; and 'Application ID:' with a text box containing 'e7268d27-0165-4778-9db6-5cfc80a7636'. At the bottom, there are three buttons: 'Back', 'Next', and 'Cancel'.

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. From the **Region** drop-down list, select a region to which your target SharePoint Online organization belongs.
3. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.



The screenshot shows a 'Restore Wizard' dialog box with a dark green title bar. The main content area is titled 'Office 365 connection settings'. It contains three sections: 'Authentication method:' with a dropdown menu set to 'Basic authentication'; 'Region:' with a dropdown menu set to 'Default'; and 'User account to connect with:' which includes a 'Username:' field containing 'administrator@org.onmicrosoft.com' and a 'Password:' field with masked characters. At the bottom, there is a blue information icon followed by the text: 'To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.' Below this, there are three buttons: 'Back', 'Next', and 'Cancel'.



## Step 4. Log In to Microsoft 365

This step is only available if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

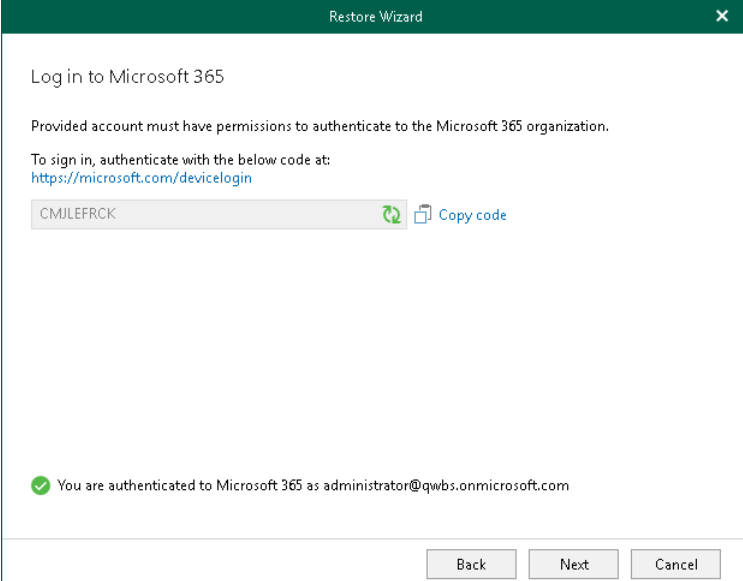
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', and 'To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>'. Below this is a text input field containing the code 'CMJLEFRCK' and a 'Copy code' button with a copy icon. At the bottom, there is a green checkmark icon and the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. The bottom of the window features three buttons: 'Back', 'Next', and 'Cancel'.

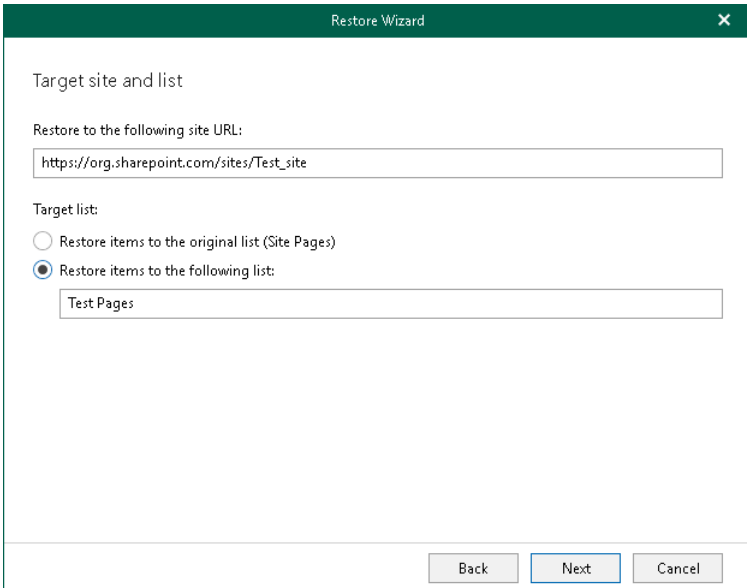
## Step 5. Specify Target Site and List

At this step of the wizard, specify web address of a target SharePoint site and select whether you want to restore backed-up data to the original list or specify a custom list.

To specify web address of a target site and a list to restore backed-up data, do the following:

1. In the **Restore to the following site URL** field, specify web address of a target site.
2. In the **Target list** section, select one of the following options:
  - **Restore items to the original list.** To restore the document library or list back to the original list.
  - **Restore items to the following list.** To restore the document library or list to the specified list.

If the specified list does not exist, Veeam Explorer for Microsoft SharePoint will create it automatically.



The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main area is titled 'Target site and list'. It contains a section 'Restore to the following site URL:' with a text box containing 'https://org.sharepoint.com/sites/Test\_site'. Below this is a section 'Target list:' with two radio button options. The first option is 'Restore items to the original list (Site Pages)' and the second option is 'Restore items to the following list:'. The second option is selected with a blue dot. Below the second option is a text box containing 'Test Pages'. At the bottom of the window are three buttons: 'Back', 'Next', and 'Cancel'. The 'Next' button is highlighted with a blue border.

## Step 6. Specify Restore Options

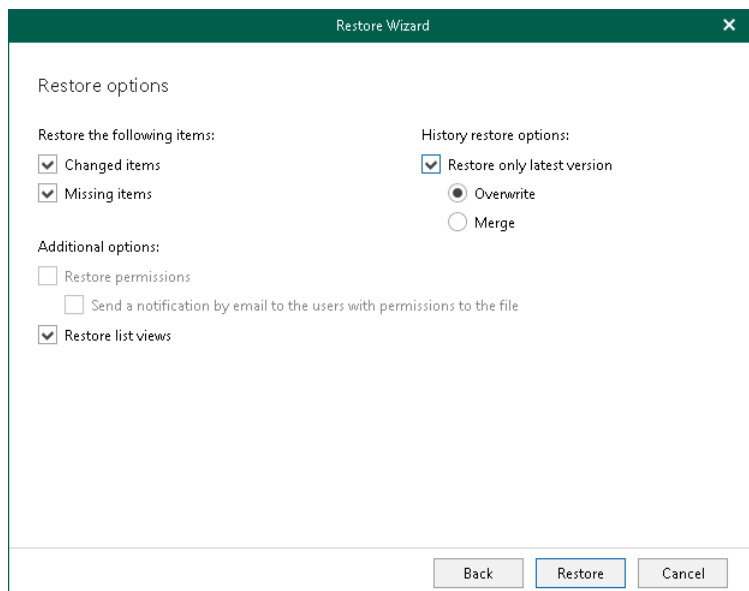
At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore list views.** Allows you to restore your list views.



The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main area is titled 'Restore options' and contains three sections: 'Restore the following items:', 'History restore options:', and 'Additional options:'. In the 'Restore the following items:' section, 'Changed items' and 'Missing items' are checked. In the 'History restore options:' section, 'Restore only latest version' is checked, and 'Overwrite' is selected with a radio button. In the 'Additional options:' section, 'Restore permissions' and 'Send a notification by email to the users with permissions to the file' are unchecked, while 'Restore list views' is checked. At the bottom, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

## Restore to On-Premises Microsoft Servers

You can restore backed-up data to on-premises Microsoft SharePoint servers. For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

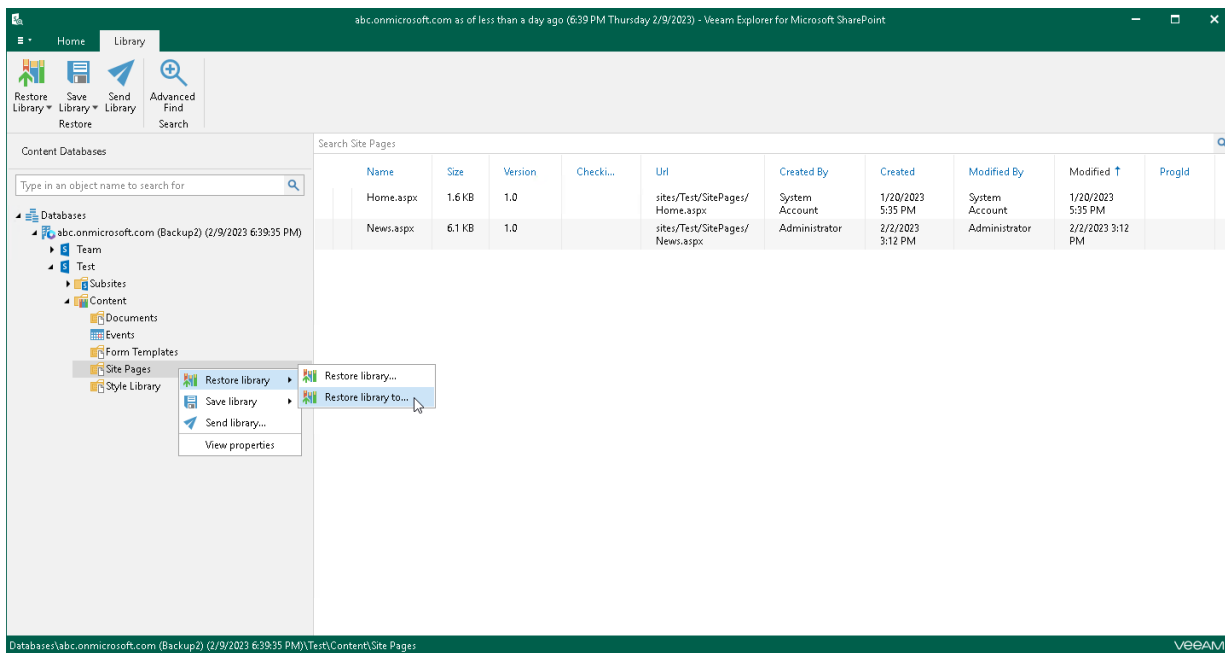
To restore Microsoft SharePoint document libraries and lists to an on-premises Microsoft SharePoint server, do the following:

1. [Launch the Restore wizard.](#)
2. [Select a target site location.](#)
3. [Specify a target site web address and credentials.](#)
4. [Specify a target list.](#)
5. [Specify restore options.](#)

## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select a document library or a list that you want to restore.
2. Do one of the following:
  - On the **Library** tab, click **Restore Library** > **Restore library to** on the ribbon.
  - Right-click a library and select **Restore library** > **Restore library to**.
  - On the **List** tab, click **Restore List** > **Restore list to** on the ribbon.
  - Right-click a list and select **Restore list** > **Restore list to**.



## Step 2. Select Target Site Location

At this step of the wizard, select **On-premises Microsoft SharePoint Server** to restore the document library or list to an on-premises Microsoft SharePoint organization. For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

Restore Wizard

Target site location

☐ Microsoft 365

☒ On-premises Microsoft SharePoint Server

Next

Cancel

### Step 3. Specify Target Site Web Address and Credentials

At this step of the wizard, specify web address of a target SharePoint site and provide credentials to connect to the Microsoft SharePoint server.

#### NOTE

Make sure that you restore to site collection that exists in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.

To specify web address of a target site and credentials to connect to SharePoint server, do the following:

1. In the **Restore to the following site URL** field, specify web address of a target site.
2. In the **Specify user account to connect to SharePoint Server** section, use an account that you are currently logged in to or provide a user name and password to connect to the on-premises Microsoft SharePoint server.

The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Specify target SharePoint site and domain account'. It contains the following elements:

- A label 'Restore to the following site URL:' followed by a text input field containing 'http://srv01:12345/sites/testcollection'.
- A label 'Specify user account to connect to SharePoint Server:' followed by two radio buttons:
  - 'Use current account (SRV0101\Administrator)' (unselected)
  - 'Use the following account:' (selected)
- Below the selected radio button, there are two text input fields: 'Username:' containing 'srv01\Administrator' and 'Password:' containing a masked password '••••••••'.
- An information icon (i) followed by the text: 'Specify an existing site collection URL to restore a site to on-premises SharePoint Server.'

At the bottom of the dialog box, there are three buttons: 'Back', 'Next' (highlighted with a blue border), and 'Cancel'.

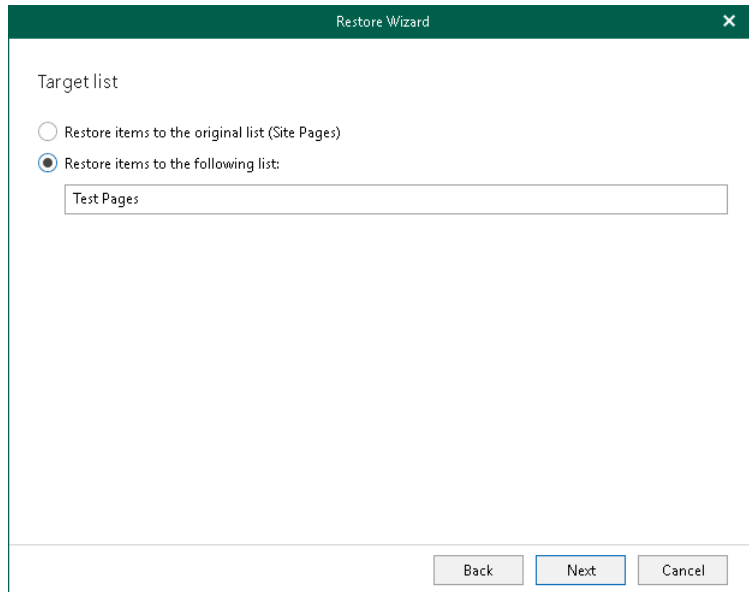
## Step 4. Specify Target List

At this step of the wizard, select whether you want to restore backed-up data to the original list or specify a custom list.

You can select one of the following options:

- **Restore items to the original list.** To restore the document library or list back to the original list.
- **Restore items to the following list.** To restore the document library or list to the specified list.

If the specified list does not exist, Veeam Explorer for Microsoft SharePoint will create it automatically.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main area is labeled "Target list". There are two radio button options: "Restore items to the original list (Site Pages)" and "Restore items to the following list:". The second option is selected. Below the selected option is a text input field containing the text "Test Pages". At the bottom of the window, there are three buttons: "Back", "Next", and "Cancel". The "Next" button is highlighted with a blue border.

## Step 5. Specify Restore Options

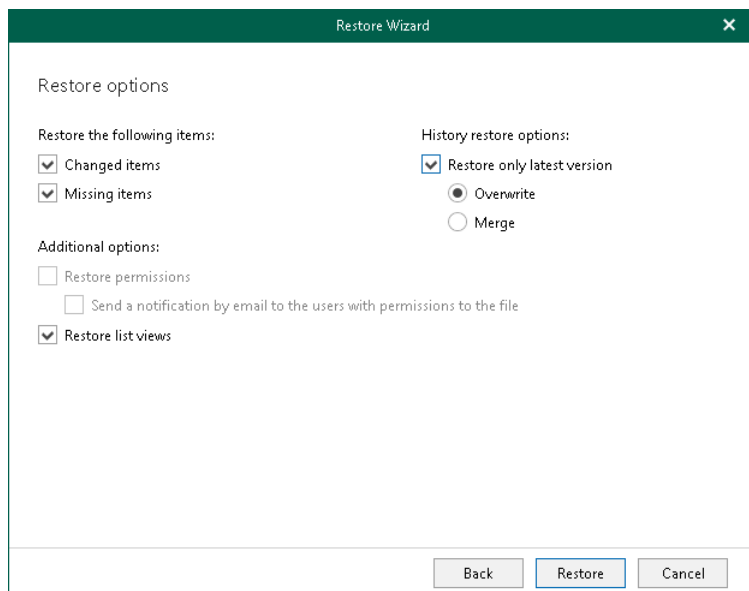
At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore list views.** Allows you to restore your list views.



The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main area is titled 'Restore options' and contains three sections of checkboxes:

- Restore the following items:**
  - ☒ Changed items
  - ☒ Missing items
- History restore options:**
  - ☒ Restore only latest version
    - ☒ Overwrite
    - ☐ Merge
- Additional options:**
  - ☐ Restore permissions
  - ☐ Send a notification by email to the users with permissions to the file
  - ☒ Restore list views

At the bottom right, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.



# Restoring Documents and List Items

Veeam Explorer for Microsoft SharePoint allows you to restore Microsoft SharePoint documents and list items to the original location or other [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

## Restoring Documents and List Items to Original Location

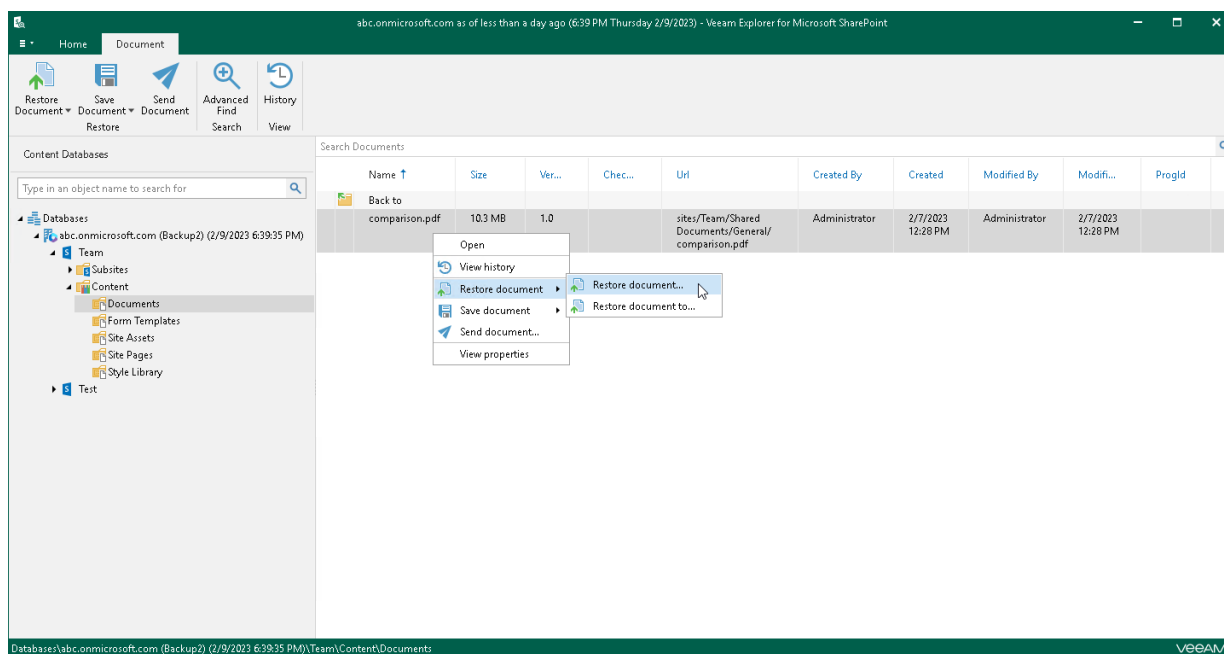
To restore Microsoft SharePoint documents and list items to the original location, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Specify a target list.](#)
5. [Specify restore options.](#)

## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the preview pane, select a document or a list item that you want to restore.
2. Do one of the following:
  - On the **Document** tab, click **Restore Document** > **Restore document to <library\_name>** on the ribbon.
  - Right-click a document and select **Restore document** > **Restore document**.
  - On the **Item** tab, click **Restore Item** > **Restore item to <list\_name>** on the ribbon.
  - Right-click a list item and select **Restore item** > **Restore item**.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication, or authenticate on an on-premises Microsoft SharePoint server, and specify authentication settings.

### Modern Authentication

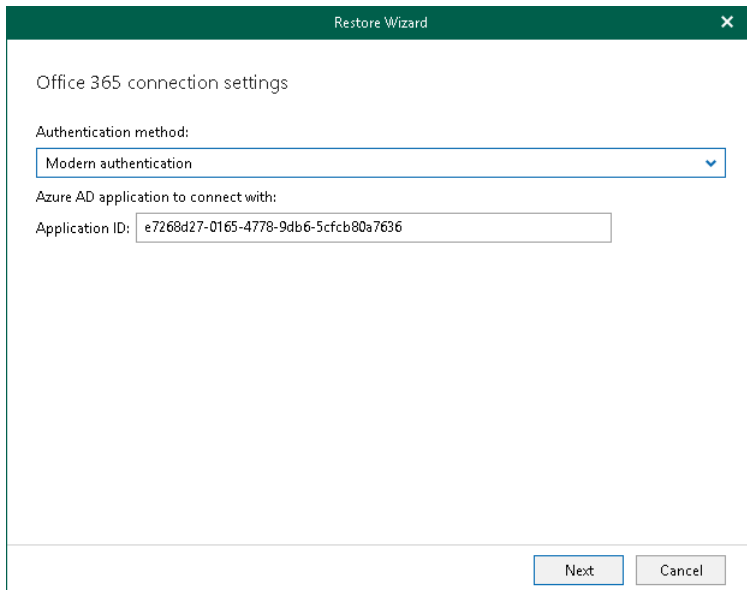
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft SharePoint populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



Restore Wizard

Office 365 connection settings

Authentication method:  
Modern authentication

Azure AD application to connect with:  
Application ID: e7268d27-0165-4778-9db6-5cfcb80a7636

Next Cancel

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.

The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Office 365 connection settings'. It contains a section 'Authentication method:' with a dropdown menu currently set to 'Basic authentication'. Below this is a section 'User account to connect with:' with two input fields: 'Username:' containing 'administrator@abc.onmicrosoft.com' and 'Password:' with masked characters. At the bottom left, there is an information icon and a note: 'To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.' At the bottom right, there are 'Next' and 'Cancel' buttons.

## On-Premises Organizations

To authenticate on an on-premises Microsoft SharePoint server, use an account that you are currently logged in to or provide a user name and password.

The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Specify target Microsoft SharePoint Server credentials'. It contains two radio button options: 'Use current account (EPSILON\Administrator)' and 'Use the following account:'. The second option is selected. Below the selected option are two input fields: 'Username:' containing 'tech\Administrator' and 'Password:' with masked characters. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons.

# Restoring from Microsoft SQL Database

When restoring from a Microsoft SQL database, provide the following:

- The site URL to which you want to restore your site.
- Authentication credentials.

## NOTE

When restoring Microsoft SharePoint documents and list items from a Microsoft SQL database, you will proceed directly to the [Specify Restore Options](#) step of the wizard.

The screenshot shows a 'Restore Wizard' window with a dark green title bar. The main content area is titled 'Specify target SharePoint site and domain account'. It contains the following elements:

- A label 'Restore to the following site URL:' followed by a text input field containing 'http://new\_site/'.
- A label 'Specify user account to connect to SharePoint Server:' followed by two radio button options:
  - ☐ Use current account (BDA\Administrator)
  - ☒ Use the following account:
- Below the selected radio button, there are two text input fields: 'Username:' containing 'tech\administrator' and 'Password:' containing a series of dots.
- At the bottom right, there are two buttons: 'Next' (highlighted with a blue border) and 'Cancel'.

## Step 3. Log In to Microsoft 365

This step is only available for data restore from backups created by Veeam Backup for Microsoft 365 and if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

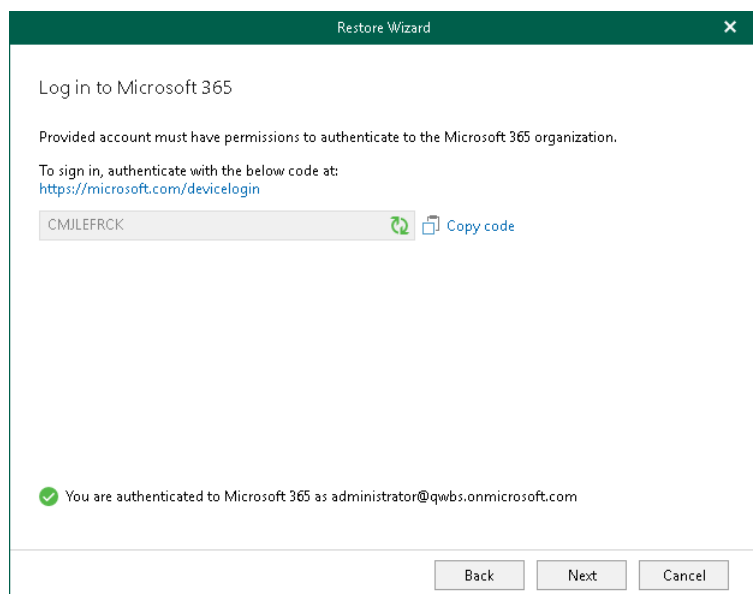
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



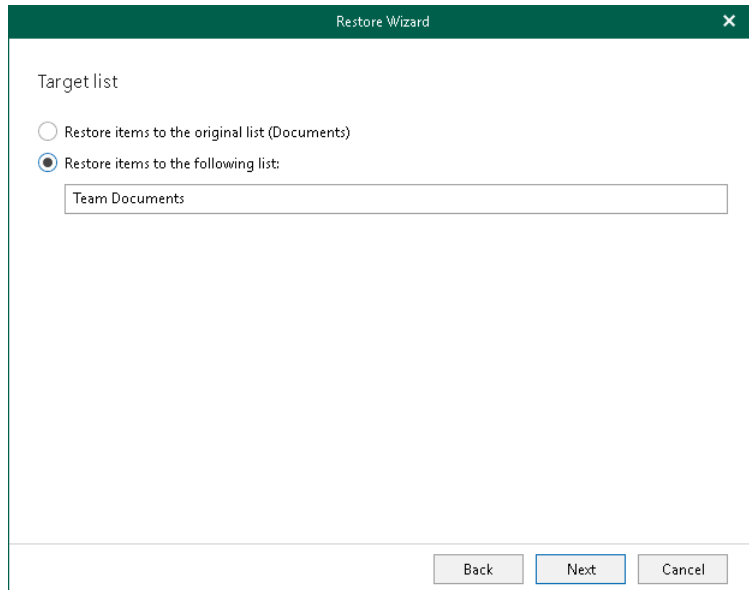
## Step 4. Specify Target List

At this step of the wizard, select whether you want to restore backed-up data to the original list or specify a custom list.

You can select one of the following options:

- **Restore items to the original list.** To restore the document or list item back to the original list.
- **Restore items to the following list.** To restore the document or list item to the specified list.

Make sure to specify a list that exists in the original SharePoint site.



The screenshot shows a 'Restore Wizard' dialog box with a dark green title bar. The main area is titled 'Target list' and contains two radio button options. The first option, 'Restore items to the original list (Documents)', is unselected. The second option, 'Restore items to the following list:', is selected. Below this option is a text input field containing the text 'Team Documents'. At the bottom of the dialog, there are three buttons: 'Back', 'Next', and 'Cancel'. The 'Next' button is highlighted with a blue border.

Restore Wizard

Target list

☐ Restore items to the original list (Documents)

☒ Restore items to the following list:

Team Documents

Back Next Cancel

## Step 5. Specify Restore Options

At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore permissions.** Allows you to restore permissions. If not selected, the permissions for the restored document library or list will be set in the following way:
  - If the library (or list) does not exist on target, it will be created inheriting permissions from the parent object.
  - If the library (or list) already exists on target, permissions will be preserved.

### NOTE

The **Send a notification by email to the users with permissions to the file** check box is only available when restoring data from backups created by Veeam Backup for Microsoft 365 for Microsoft 365 organizations.

Restore Wizard

Restore options

Restore the following items:

- ☒ Changed items
- ☒ Missing items

History restore options:

- ☒ Restore only latest version
  - ☒ Overwrite
  - ☐ Merge

Additional options:

- ☒ Restore permissions
  - ☒ Send a notification by email to the users with permissions to the file

Back Restore Cancel



# Restoring Documents and List Items to Another Location

You can restore Microsoft SharePoint documents and list items to other [Microsoft 365 organizations](#) and [on-premises Microsoft organizations](#).

## Restore to Microsoft 365 Organizations

You can restore backed-up data to Microsoft 365 organizations with enabled [multi-factor authentication](#) (MFA) and enabled or disabled [security defaults](#). For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

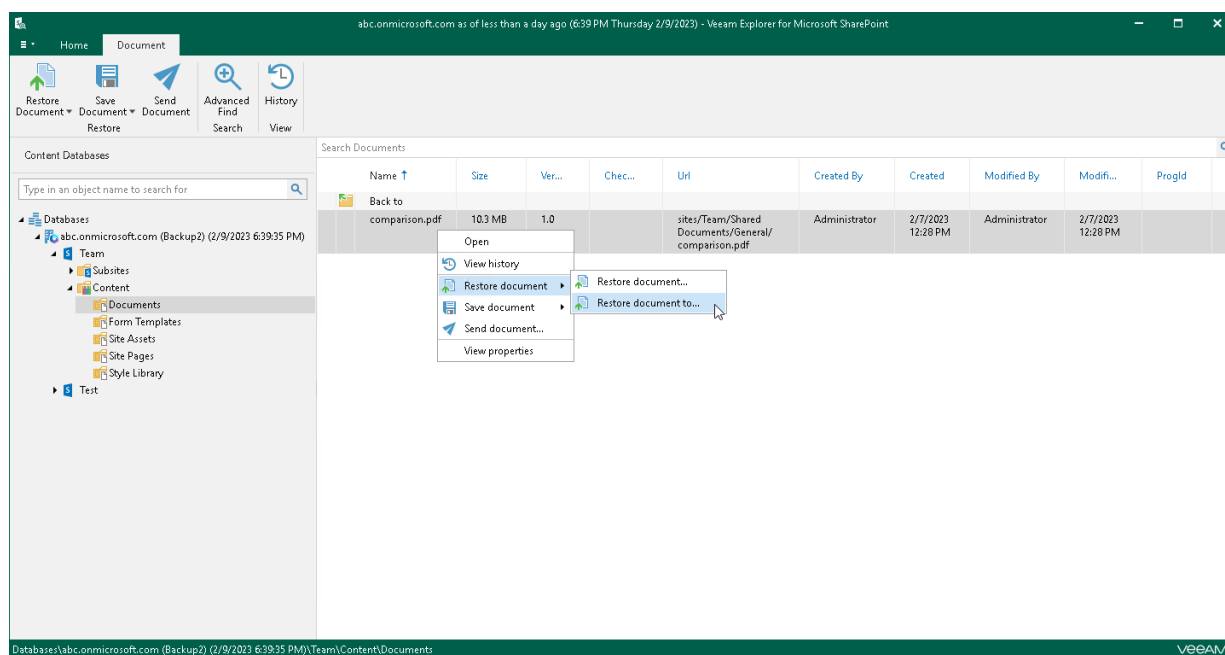
To restore Microsoft SharePoint documents and list items to another Microsoft 365 organization, do the following:

1. [Launch the Restore wizard.](#)
2. [Select a target site location.](#)
3. [Select an authentication method.](#)
4. [Log in to Microsoft 365.](#)
5. [Specify a target site web address and a target list.](#)
6. [Specify restore options.](#)

## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the preview pane, select a document or a list item that you want to restore.
2. Do one of the following:
  - On the **Document** tab, click **Restore Document** > **Restore document to** on the ribbon.
  - Right-click a document and select **Restore document** > **Restore document to**.
  - On the **Item** tab, click **Restore Item** > **Restore item to** on the ribbon.
  - Right-click a list item and select **Restore item** > **Restore item to**.



## Step 2. Select Target Site Location

At this step of the wizard, select **Microsoft 365** to restore the document or list item to a SharePoint Online organization with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

Restore Wizard

Target site location

☒ Microsoft 365

☐ On-premises Microsoft SharePoint Server

Next

Cancel

## Step 3. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

## Modern Authentication

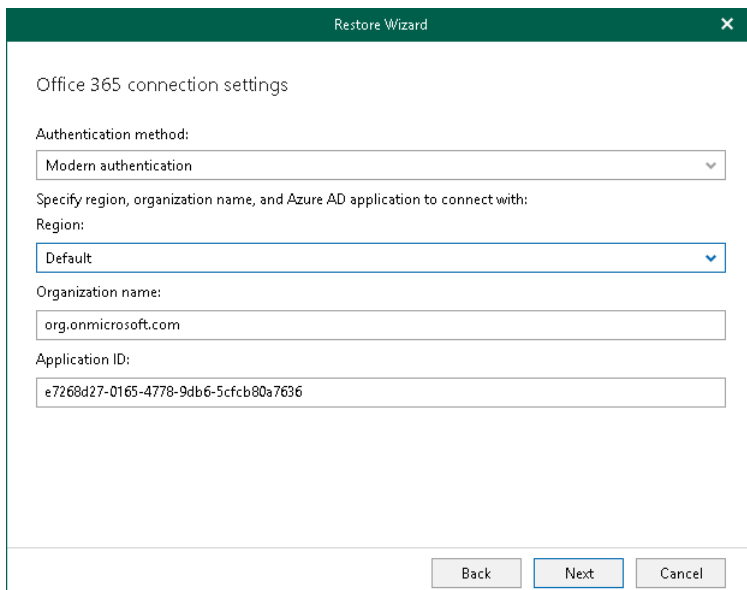
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. From the **Region** drop-down list, select a region to which your target SharePoint Online organization belongs.
3. In the **Organization name** field, enter a name of your target SharePoint Online organization.
4. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft SharePoint populates this field with an identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

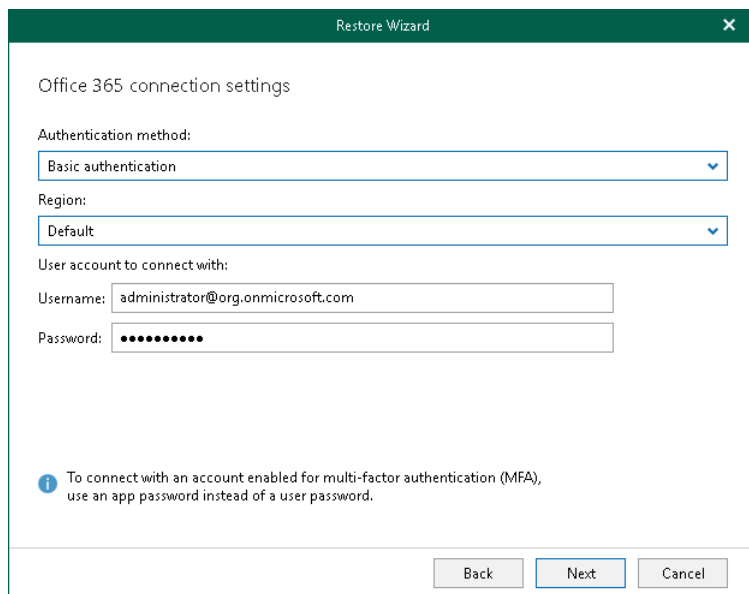


The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Office 365 connection settings'. It contains four fields: 'Authentication method:' with a dropdown menu showing 'Modern authentication'; 'Specify region, organization name, and Azure AD application to connect with:' with a 'Region:' dropdown menu showing 'Default'; 'Organization name:' with a text input field containing 'org.onmicrosoft.com'; and 'Application ID:' with a text input field containing 'e7268d27-0165-4778-9db6-5cfc80a7636'. At the bottom right, there are three buttons: 'Back', 'Next', and 'Cancel'.

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. From the **Region** drop-down list, select a region to which your target SharePoint Online organization belongs.
3. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.



The screenshot shows a 'Restore Wizard' dialog box with a dark green title bar. The main content area is titled 'Office 365 connection settings'. It contains three sections: 'Authentication method:' with a dropdown menu set to 'Basic authentication'; 'Region:' with a dropdown menu set to 'Default'; and 'User account to connect with:' which includes a 'Username:' field containing 'administrator@org.onmicrosoft.com' and a 'Password:' field with masked characters. At the bottom left, there is an information icon and a note: 'To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password.' At the bottom right, there are three buttons: 'Back', 'Next', and 'Cancel'.

## Step 4. Log In to Microsoft 365

This step is only available if you have selected the *Modern Authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

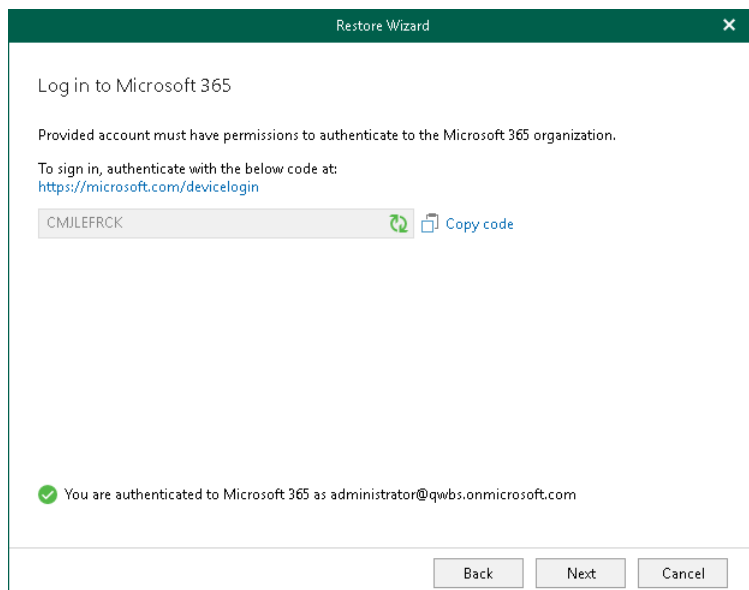
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', and 'To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>'. Below this is a text input field containing the code 'CMJLEFRCK'. To the right of the input field are two icons: a circular arrow (refresh) and a document icon with the text 'Copy code'. At the bottom of the main content area, there is a green checkmark icon followed by the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. At the very bottom of the window, there are three buttons: 'Back', 'Next', and 'Cancel'.

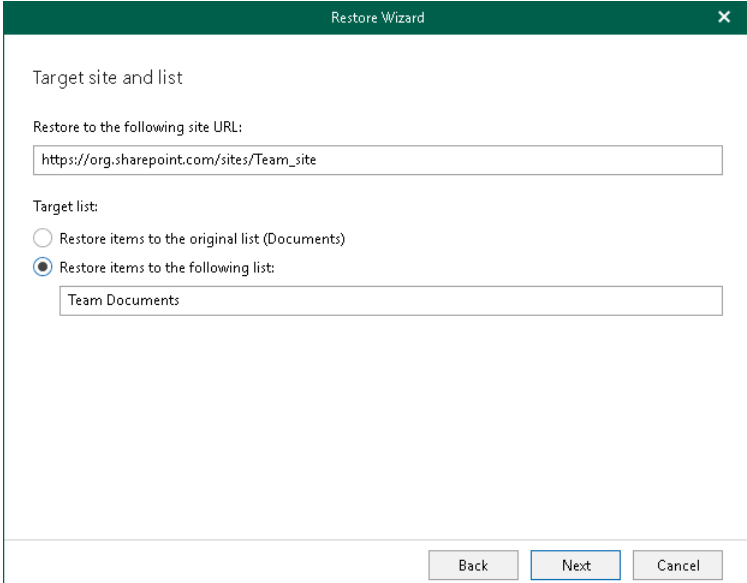
## Step 5. Specify Target Site and List

At this step of the wizard, specify web address of a target SharePoint site and select whether you want to restore backed-up data to the original list or specify a custom list.

To specify web address of a target site and a list to restore backed-up data, do the following:

1. In the **Restore to the following site URL** field, specify web address of a target site.
2. In the **Target list** section, select one of the following options:
  - **Restore items to the original list.** To restore the document or list item back to the original list.
  - **Restore items to the following list.** To restore the document or list item to the specified list.

Keep in mind that if you restore documents and the specified list does not exist, Veeam Explorer for Microsoft SharePoint will create it automatically. If you restore list items, make sure to specify a list that exists in the original SharePoint site.



The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main area is titled 'Target site and list'. It contains a label 'Restore to the following site URL:' followed by a text box containing 'https://org.sharepoint.com/sites/Team\_site'. Below this is the 'Target list:' section with two radio button options: 'Restore items to the original list (Documents)' and 'Restore items to the following list:'. The second option is selected. Below the selected option is a text box containing 'Team Documents'. At the bottom of the window are three buttons: 'Back', 'Next', and 'Cancel'.

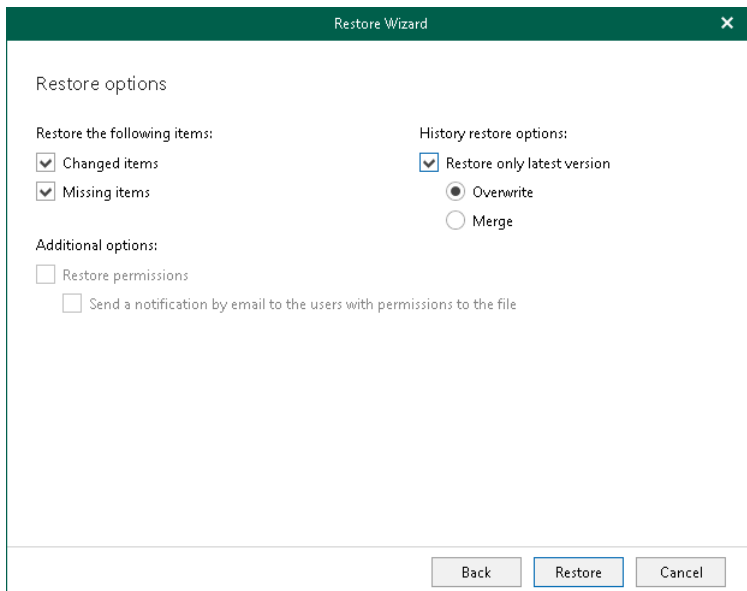
## Step 6. Specify Restore Options

At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.



The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main area is titled 'Restore options' and contains three sections: 'Restore the following items:', 'History restore options:', and 'Additional options:'. In the 'Restore the following items:' section, both 'Changed items' and 'Missing items' are checked. In the 'History restore options:' section, 'Restore only latest version' is checked, and 'Overwrite' is selected with a radio button. In the 'Additional options:' section, both 'Restore permissions' and 'Send a notification by email to the users with permissions to the file' are unchecked. At the bottom, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

## Restore to On-Premises Microsoft Servers

You can restore backed-up data to on-premises Microsoft SharePoint servers. For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

To restore Microsoft SharePoint documents and list items to an on-premises Microsoft SharePoint server, do the following:

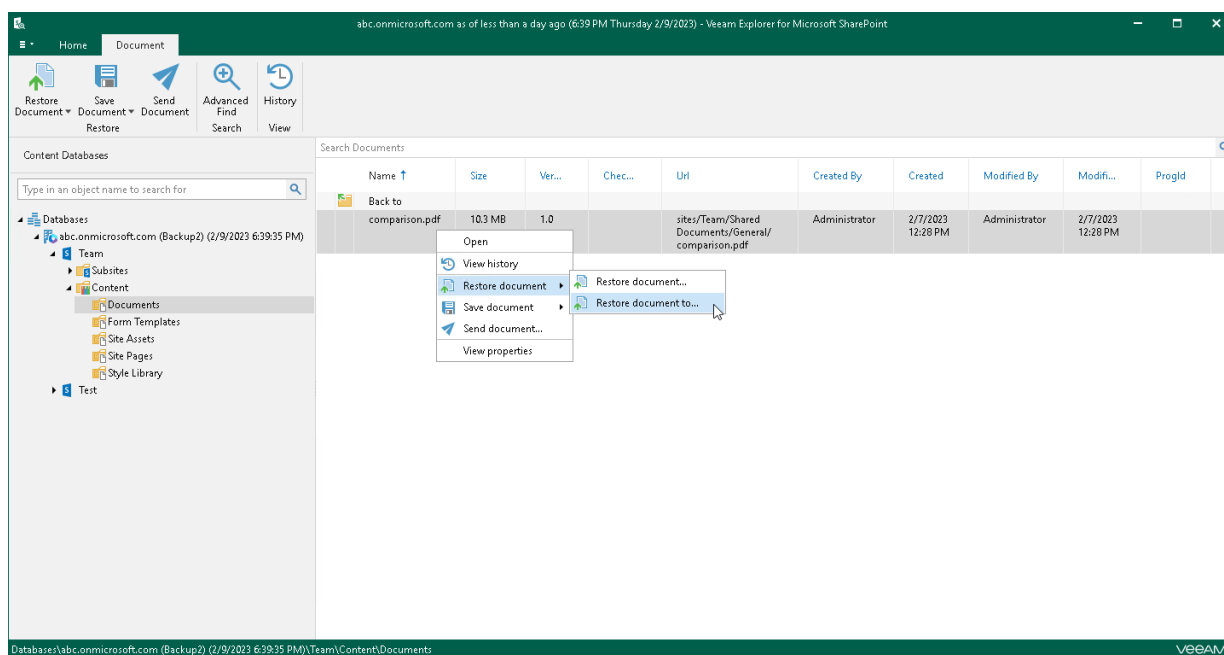
1. [Launch the Restore wizard.](#)
2. [Select a target site location.](#)
3. [Specify a target site web address and credentials.](#)
4. [Specify a target list.](#)
5. [Specify restore options.](#)



## Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the preview pane, select a document or a list item that you want to restore.
2. Do one of the following:
  - On the **Document** tab, click **Restore Document** > **Restore document to** on the ribbon.
  - Right-click a document and select **Restore document** > **Restore document to**.
  - On the **Item** tab, click **Restore Item** > **Restore item to** on the ribbon.
  - Right-click a list item and select **Restore item** > **Restore item to**.



## Step 2. Select Target Site Location

At this step of the wizard, select **On-premises Microsoft SharePoint Server** to restore the document or list item to an on-premises Microsoft SharePoint organization. For more information, see the [On-Premises Microsoft Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

Restore Wizard

Target site location

☐ Microsoft 365

☒ On-premises Microsoft SharePoint Server

Next

Cancel

### Step 3. Specify Target Site Web Address and Credentials

At this step of the wizard, specify web address of a target SharePoint site and provide credentials to connect to the Microsoft SharePoint server.

#### NOTE

Make sure that you restore to site collection that exists in the target location; Veeam Explorer for Microsoft SharePoint does not create site collections.

To specify web address of a target site and credentials to connect to SharePoint server, do the following:

1. In the **Restore to the following site URL** field, specify web address of a target site.
2. In the **Specify user account to connect to SharePoint Server** section, use an account that you are currently logged in to or provide a user name and password to connect to the on-premises Microsoft SharePoint server.

The screenshot shows the 'Restore Wizard' dialog box with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Specify target SharePoint site and domain account'. It contains the following elements:

- A label 'Restore to the following site URL:' followed by a text input field containing 'http://srv01:12345/sites/testcollection'.
- A label 'Specify user account to connect to SharePoint Server:' followed by two radio buttons:
  - ☐ Use current account (SRV0101\Administrator)
  - ☒ Use the following account:
- Below the second radio button, there are two text input fields:
  - 'Username:' containing 'srv01\Administrator'
  - 'Password:' containing a series of dots (masked password)
- A blue information icon followed by the text: 'Specify an existing site collection URL to restore a site to on-premises SharePoint Server.'

At the bottom of the dialog box, there are three buttons: 'Back', 'Next' (highlighted with a blue border), and 'Cancel'.

## Step 4. Specify Target List

At this step of the wizard, select whether you want to restore backed-up data to the original list or specify a custom list.

You can select one of the following options:

- **Restore items to the original list.** To restore the document or list item back to the original list.
- **Restore items to the following list.** To restore the document or list item to the specified list.

Keep in mind that if you restore documents and the specified list does not exist, Veeam Explorer for Microsoft SharePoint will create it automatically. If you restore list items, make sure to specify a list that exists in the original SharePoint site.

Restore Wizard

Target list

☐ Restore items to the original list (Documents)

☒ Restore items to the following list:

Team Documents

Back Next Cancel

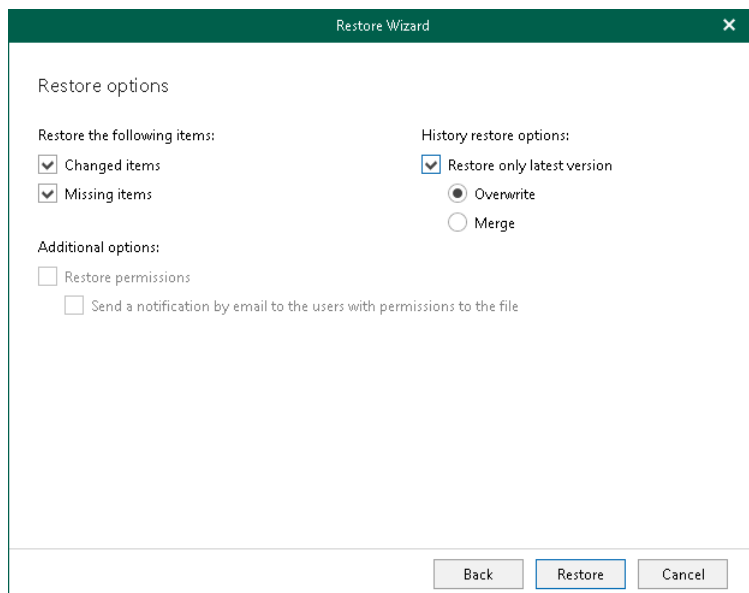
## Step 5. Specify Restore Options

At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.



The screenshot shows a 'Restore Wizard' dialog box with a dark green title bar. The main area is titled 'Restore options' and contains three sections: 'Restore the following items:', 'History restore options:', and 'Additional options:'. In the first section, 'Changed items' and 'Missing items' are both checked. In the second section, 'Restore only latest version' is checked, and 'Overwrite' is selected with a radio button. In the third section, 'Restore permissions' and 'Send a notification by email to the users with permissions to the file' are both unchecked. At the bottom right, there are three buttons: 'Back', 'Restore' (which is highlighted with a blue border), and 'Cancel'.

Section	Option	Status
Restore the following items:	Changed items	Checked
	Missing items	Checked
History restore options:	Restore only latest version	Checked
	Overwrite	Selected (Radio)
Additional options:	Restore permissions	Unchecked
	Send a notification by email to the users with permissions to the file	Unchecked

# Data Export

You can use Veeam Explorer for Microsoft SharePoint to export and import Microsoft SharePoint data.

## TIP

Before exporting data, make sure to read [Considerations and Limitations](#).

# Exporting Microsoft SharePoint Data

Veeam Explorer for Microsoft SharePoint allows you to export SharePoint document libraries and lists from backups created by Veeam Backup & Replication.

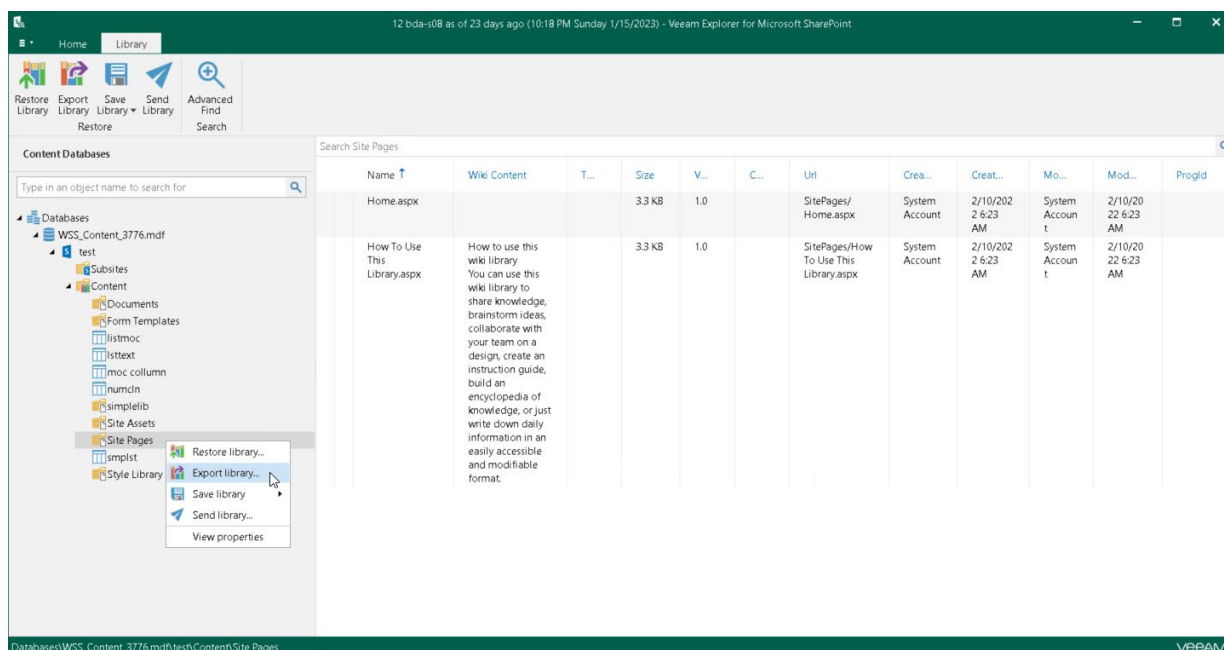
The exported content will be saved as a set of XML files and can be imported to another SharePoint database using PowerShell cmdlets. For more information, see [Importing Microsoft SharePoint Data](#).

To export SharePoint data, do the following:

1. In the navigation pane, select a library or a list that you want to export.
2. Do one of the following:
  - On the **Library** tab, click **Export Library** on the ribbon.
  - Right-click a library and select **Export library**.
  - On the **List** tab, click **Export List** on the ribbon.
  - Right-click a list and select **Export list**.
3. Specify the output directory and click **OK**.

## NOTE

You cannot export individual library or list item.



# Importing Microsoft SharePoint Data

To import document library or list, use one of the following PowerShell cmdlets:

- For PowerShell snap-in, use the following command:

```
Add-PsSnapin Microsoft.SharePoint.PowerShell
Import-SPWeb -Identity "http://<web_server_name>/sites/<destination_site>"
-Path "C:\<export_folder>" -NoFileCompression -IncludeUserSecurity
```

- For SharePoint Management Shell, use the following command:

```
Import-SPWeb -Identity "http://<web_server_name>/sites/<destination_site>"
-Path "C:\<export_folder>" -NoFileCompression -IncludeUserSecurity
```

where:

- <web\_server\_name> – destination web server.
- <destination\_site> – destination website.
- <export\_folder> – source folder containing exported library/list content.

To get extended help on the `Import-SPWeb` command, use the following command:

```
Get-Help Import-SPWeb -full
```



# Saving Microsoft SharePoint Documents and Libraries

Veeam Explorer for Microsoft SharePoint allows you to save your libraries and library documents to a specified location.

To save a Microsoft SharePoint library, do the following:

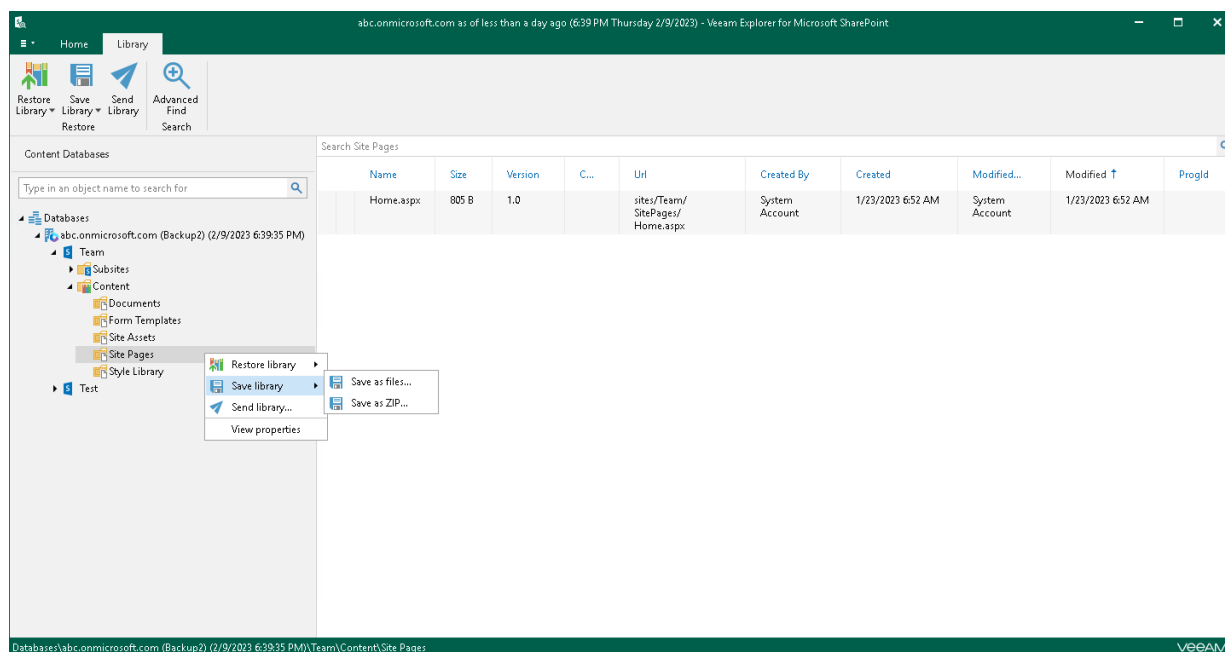
1. In the navigation pane, select a library that you want to save.
2. Do one of the following:
  - On the **Library** tab, click **Save Library** > **Save as files** or **Save Library** > **Save as ZIP** on the ribbon.
  - Right-click a library and select **Save library** > **Save as files** or **Save library** > **Save as ZIP**.
3. In the displayed window, browse to the necessary folder and click **Select Folder** or **Save**.

Keep in mind that if you select the **Save as ZIP** option, Veeam Explorer for Microsoft SharePoint will save a library to an archive with the *archive.zip* name.

To save a library document, do the following:

1. In the preview pane, select a document that you want to save.
2. Do one of the following:
  - On the **Document** tab, click **Save Document** > **Save as files** or **Save Document** > **Save as ZIP** on the ribbon.
  - Right-click a document and select **Save document** > **Save as files** or **Save document** > **Save as ZIP**.
3. In the displayed window, browse to the necessary folder and click **Select Folder** or **Save**.

Keep in mind that if you select the **Save as ZIP** option, Veeam Explorer for Microsoft SharePoint will save a library to an archive with the *archive.zip* name.



# Sending Microsoft SharePoint Documents and Libraries

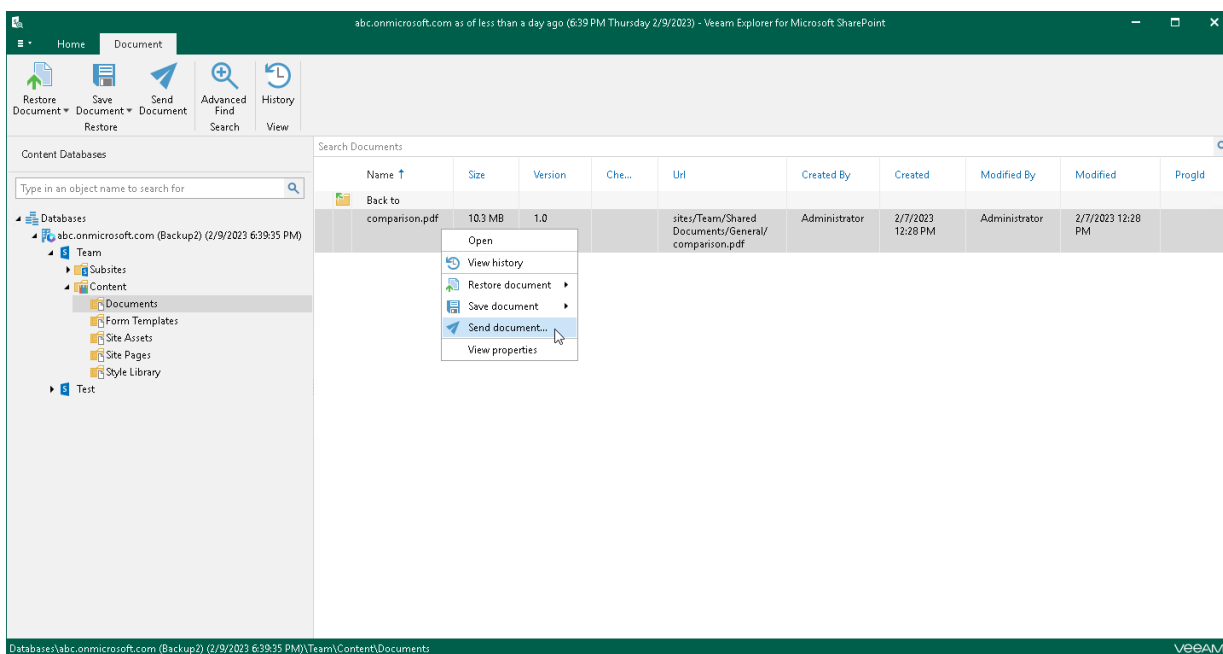
Veeam Explorer for Microsoft SharePoint allows you to send libraries or library documents to the specified recipients through email.

## TIP

Before sending documents, make sure to configure SMTP settings. The amount of data you can send at a time depends on your SMTP server configuration. For more information about configuring SMTP settings, see [SMTP Settings](#).

To send libraries or library documents through email, do the following:

1. Select an object that you want to send through email:
  - To send a Microsoft SharePoint library, select the necessary library in the navigation pane.
  - To send a library document, select a library that contains the document in the navigation pane and then select the document in the preview pane.
2. Do one of the following:
  - On the **Library/Document** tab, click **Send Library/Send Document** on the ribbon.
  - Right-click an object that you want to send and select **Send library/Send document**.



3. In the **Send Items** window, provide a recipient address.

The **From** field is filled automatically based on the address you have provided when configuring SMTP settings.

You can also edit the message subject and body. To edit the message body, click **More details**.

Send Items

Send

From: administrator@tech.local

To: administrator@abc.onmicrosoft.com

Subject: SharePoint Documents Recovery

comparison.pdf 10.3 MB

Less details

by Veeam Explorer for Microsoft SharePoint.

# Veeam Explorer for Microsoft OneDrive for Business

Veeam Explorer for Microsoft OneDrive for Business allows you to restore Microsoft OneDrive data from backups created by Veeam Backup for Microsoft 365.

You can also save data from backups to a local computer and send data from backups through email.

# Planning and Preparation

Veeam Explorer for Microsoft OneDrive for Business comes as part of the Veeam Explorer for Microsoft SharePoint installation package and has the same [system requirements](#).

Consider that when Veeam Explorer for Microsoft SharePoint is installed on a server on which both Veeam Backup & Replication and Veeam Backup for Microsoft 365 are installed, the notification settings will be inherited from the Veeam Backup & Replication Global Notification settings.

# Launching Application and Exploring Backups

To open Veeam Explorer for Microsoft OneDrive for Business and load backups, you can use any of the following methods:

- The **Explore** option to load backups created by Veeam Backup for Microsoft 365. For more information, see the [Data Restore](#) section of the Veeam Backup for Microsoft 365 User Guide.

When loading backups located in object storage, Veeam Explorer for Microsoft OneDrive for Business will notify you about the location of these backups. You can select the **Don't show this message again** check box to unsubscribe from such notifications. To disable these notifications, clear the **Show pop-up notifications on startup** check box. For more information, see [Advanced Settings](#).

- Go to **Start**, click **Veeam Explorer for Microsoft OneDrive for Business** and manually open Microsoft OneDrive databases. For more information, see [Standalone Databases](#).

When you open Veeam Explorer for Microsoft OneDrive for Business from the **Start** menu, all backed-up databases will be loaded automatically.

If you open Veeam Explorer for Microsoft OneDrive for Business from the **Start** menu on a machine that runs the Veeam Backup & Replication console and Veeam Explorers only, specify the following:

- The domain name or IP address of a server to which you want to connect.
- The port number.
- User account credentials.

Consider the following:

- To perform restore operations, Veeam Explorer for Microsoft OneDrive for Business must be run with elevated permissions. The user account must be a member of the local *Administrators* group on the machine where Veeam Explorer for Microsoft OneDrive for Business is installed.
- The account must have the Veeam Backup Administrator or Veeam Restore Operator role on the target backup server.

To use the account under which Veeam Explorer for Microsoft OneDrive for Business is running, select **Use Windows session authentication**.

To save the connection shortcut to the desktop, click **Save shortcut** in the bottom-left corner.

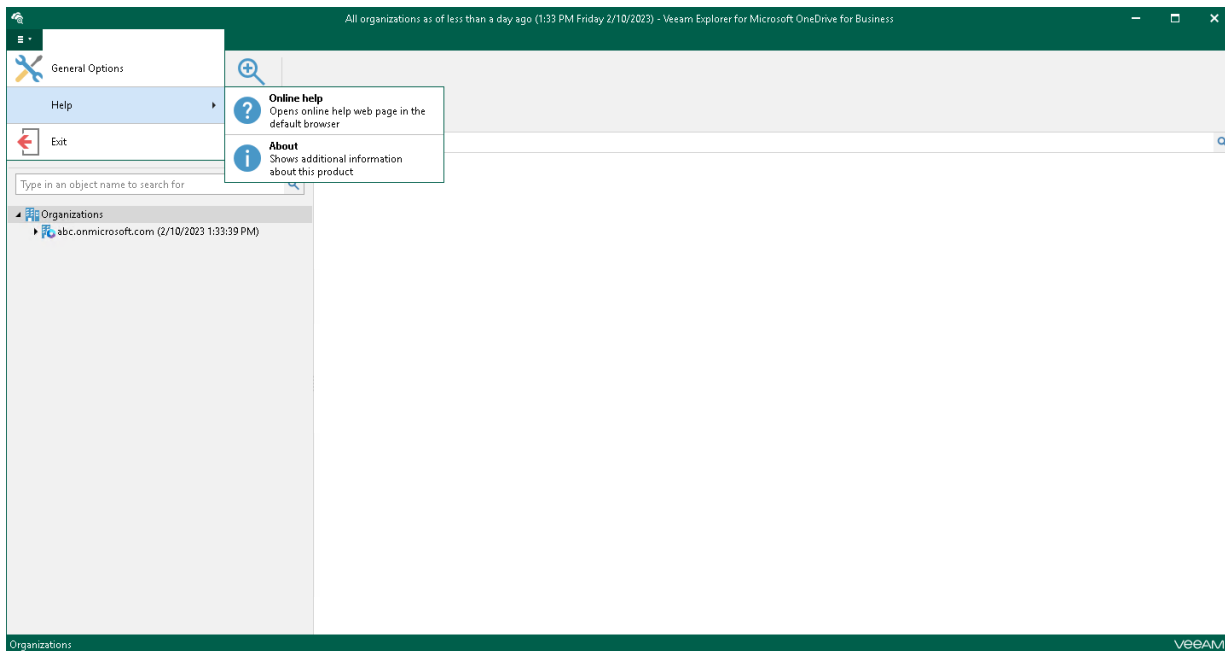
# Understanding User Interface

The user interface of Veeam Explorer for Microsoft OneDrive for Business is designed to let you quickly find commands that you need to restore Microsoft OneDrive data from backups created by Veeam Backup for Microsoft 365.

## Main Menu

The main menu comprises the following:

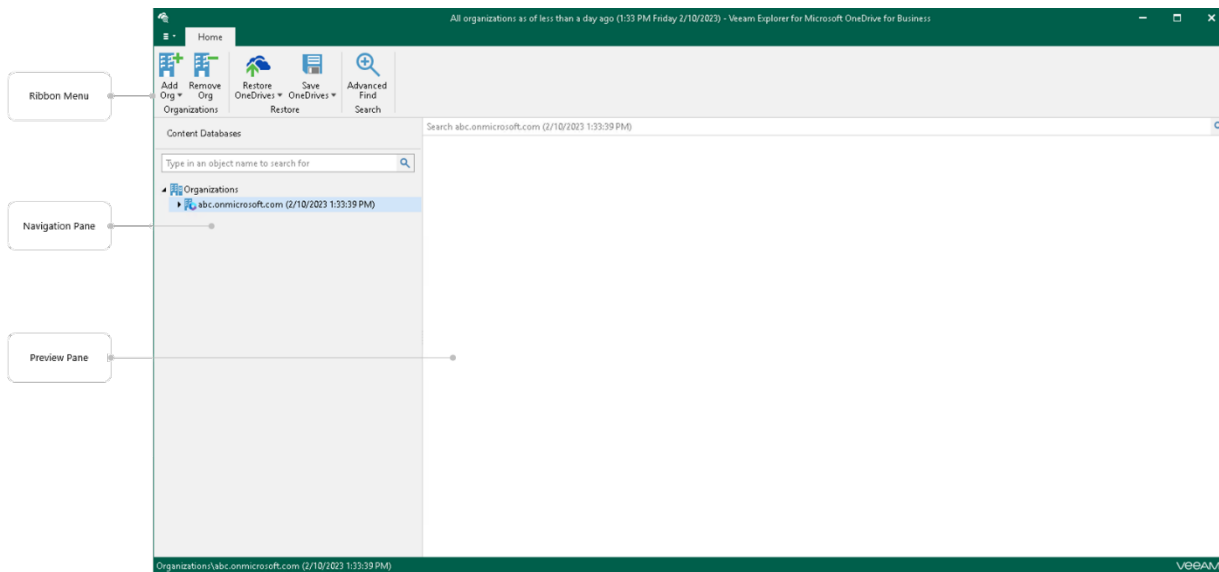
- **General Options.** Allows you to configure general application settings. For more information, see [General Application Settings](#).
- **Help.**
  - **Online help.** Opens the online help page.
  - **About.** Shows the additional information including build number.
- **Exit.** Closes the Veeam Explorer for Microsoft OneDrive for Business window.



# Main Application Window

The main application window can be divided into three categories:

- The ribbon that contains operation commands organized into logical groups represented as tabs. The ribbon is displayed at the top of the main application window.
- The navigation pane that allows you to browse through the hierarchy of folders with backed-up data. Also, it allows you to search for OneDrives using keywords.
- The preview pane that provides search capabilities and allows you to view details about items that are contained in a folder you have selected in the navigation pane.





# Browsing, Searching and Viewing Items

You can use Veeam Explorer for Microsoft OneDrive for Business to view the contents of a backup file, view object properties, open files, search for OneDrives and for items in a backup file as well as customize criteria of your search.

## Searching for OneDrives

You can use keywords to search for OneDrives in the database structure containing your OneDrive objects. To do this, enter a search query in the search field at the top of the navigation pane.

To remove a keyword, click the cross mark.

The screenshot shows the Veeam Explorer for Microsoft OneDrive for Business interface. The title bar indicates 'All organizations as of less than a day ago (1:33 PM Friday 2/10/2023) - Veeam Explorer for Microsoft OneDrive for Business'. The interface has a dark green header with navigation tabs: 'Home' and 'OneDrive'. Below the header is a toolbar with icons for 'Restore OneDrive', 'Copy OneDrive', 'Save OneDrive', 'Send OneDrive', and 'Advanced Find Search'. The main area is divided into two panes. The left pane, titled 'Content Databases', shows a tree view of organizations. The right pane, titled 'Search Administrator', displays a table of search results.

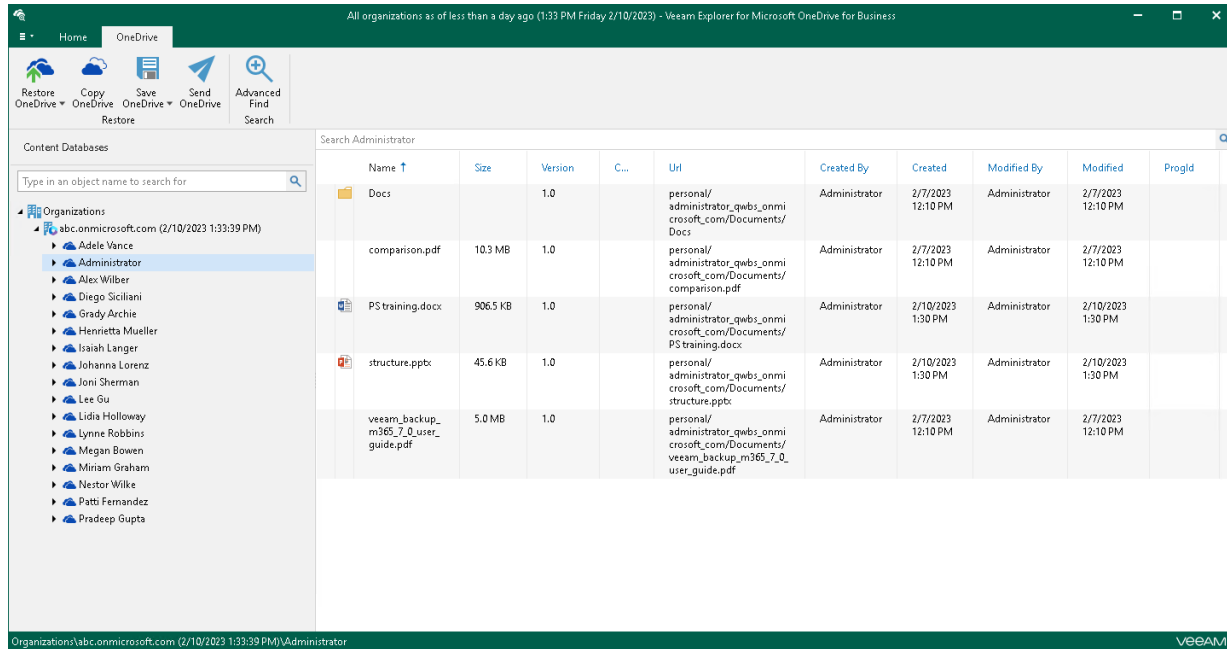
Name ↑	Size	Version	Ch...	Url	Created By	Created	Modified By	Mod...	Progid
Docs		1.0		personal/administrator_gwbs_onmicrosoft_com/Documents/Docs	Administrator	2/7/2023 12:10 PM	Administrator	2/7/2023 12:10 PM	
comparison.pdf	10.3 MB	1.0		personal/administrator_gwbs_onmicrosoft_com/Documents/comparison.pdf	Administrator	2/7/2023 12:10 PM	Administrator	2/7/2023 12:10 PM	
PS training.docx	906.5 KB	1.0		personal/administrator_gwbs_onmicrosoft_com/Documents/PS training.docx	Administrator	2/10/2023 1:30 PM	Administrator	2/10/2023 1:30 PM	
structure.pptx	45.6 KB	1.0		personal/administrator_gwbs_onmicrosoft_com/Documents/structure.pptx	Administrator	2/10/2023 1:30 PM	Administrator	2/10/2023 1:30 PM	
veeam_backup_m365_7_0_user_guide.pdf	5.0 MB	1.0		personal/administrator_gwbs_onmicrosoft_com/Documents/veeam_backup_m365_7_0_user_guide.pdf	Administrator	2/7/2023 12:10 PM	Administrator	2/7/2023 12:10 PM	

At the bottom of the interface, the breadcrumb path 'Organizations\abc.onmicrosoft.com (2/10/2023 1:33:39 PM)\Administrator' is visible on the left, and the 'VEEAM' logo is on the right.

# Browsing Backup Content

To view the contents of a backup file, you use the navigation pane which shows you the database structure containing your OneDrive objects.

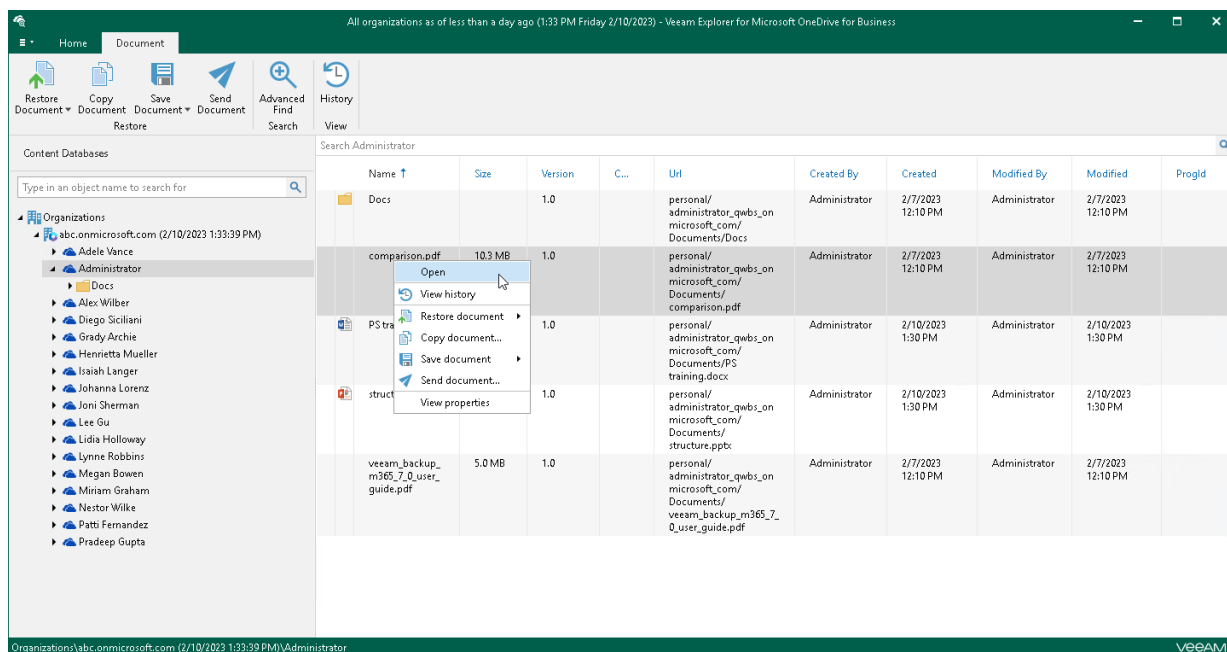
After you select an object in the navigation pane, you can see its content in the preview pane.



# Viewing Objects Properties and Opening Files

To view object properties, right-click an object in the preview pane and select **View properties**.

To open a document using an associated application, right-click a document in the preview pane and select **Open**.



# Searching for Objects in Backup File

The search mechanism allows you to find items matching specified search criteria.

To search for required items, do the following:

1. In the navigation pane, select an object in which you want to find your data.
2. Enter a search query in the search field at the top of the preview pane.

## NOTE

To find the exact phrase, use double quotes. For example, "*Attachments*".

You can narrow your search results by specifying various search criteria using the *criteria:value* format. You can also use logical upper-cased operators such as *AND*, *OR* and *NOT* along with wildcard characters such as *\** and *?*.

The screenshot shows the Veeam Explorer for Microsoft OneDrive for Business interface. The top bar indicates 'All organizations as of less than a day ago (1:33 PM Friday 2/10/2023)'. The left sidebar shows 'Content Databases' with a search bar and a list of organizations. The main pane displays a table of search results for 'comparison.pdf'.

Name	Created By	Created	Modified By	Modified	Version	Path
comparison.pdf	Adele Vance	2/10/2023 9:32:22 AM	Adele Vance	2/10/2023 9:32:22 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#8312eb043ed34523a4d2fc989080aadf/Adele Vance/Content/
comparison.pdf	Administrator	2/7/2023 8:10:20 AM	Administrator	2/7/2023 8:10:20 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#8312eb043ed34523a4d2fc989080aadf/Administrator/Content/
comparison.pdf	Administrator	2/7/2023 8:10:33 AM	Administrator	2/7/2023 8:10:33 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#8312eb043ed34523a4d2fc989080aadf/Administrator/Content//Docs

Search results in Organizations\abc.onmicrosoft.com (2/10/2023 1:33:39 PM)

## Using Advanced Find

The **Advanced Find** mechanism allows you to define your search criteria more precisely.

For example, to find an object that starts with the word *Document*, do the following:

1. In the preview pane, select a node and click **Advanced Find** on the ribbon.
2. In the **Define search criteria** section, select **Category** > **Document fields**.
3. In the **Field** list, select **File Name**.
4. In the **Condition** list, select **starts with**.
5. In the **Value** field, specify a file name.
6. Click **Add to List** and then click **Start**.

To remove a filter, click the cross mark next to it. To remove all configured filters, click **Reset**.

The screenshot shows the Veeam Explorer for Microsoft OneDrive for Business interface. The top ribbon includes buttons for 'Add Org', 'Remove Org', 'Restore OneDrives', 'Save OneDrives', and 'Advanced Find Search'. The 'Advanced Find Search' button is highlighted. Below the ribbon, the 'Content Databases' section shows a search bar and a list of organizations. The 'Define search criteria' section shows a search filter: 'File Name starts with veeam'. The 'Search results' table lists the following items:

Name	Created By	Created	Modified By	Modified	Version	Path
veeam_backup_m365_7_0_powershell_reference.docx	Adele Vance	2/7/2023 8:19:10 AM	Adele Vance	2/7/2023 8:19:12 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#8312eb043ed34523a4d2fc989080aadf/Adele Vance/Content/Attachments
veeam_backup_m365_7_0_user_guide.docx	Administrator	2/7/2023 8:10:53 AM	Administrator	2/7/2023 8:10:53 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#8312eb043ed34523a4d2fc989080aadf/Administrator/Content/Docs
veeam_backup_m365_7_0_user_guide.pdf	Administrator	2/7/2023 8:10:19 AM	Administrator	2/7/2023 8:10:19 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#8312eb043ed34523a4d2fc989080aadf/Administrator/Content/
veeam_backup_m365_7_0_user_guide.pdf	Administrator	2/7/2023 8:10:32 AM	Administrator	2/7/2023 8:10:32 AM	1.0	archiver://172.24.31.191:9194/abc.onmicrosoft.com#8312eb043ed34523a4d2fc989080aadf/Administrator/Content/Docs

# General Application Settings

You can configure general settings for Veeam Explorer for Microsoft OneDrive for Business.

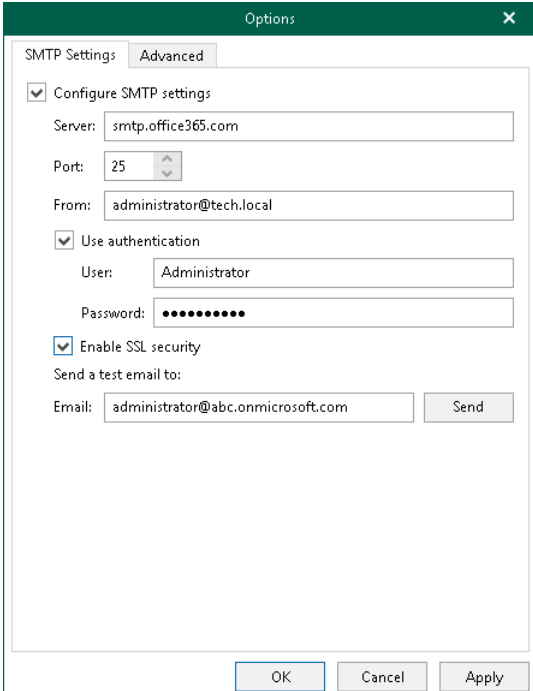
# SMTP Settings

To send Microsoft OneDrive items as attachments, you must configure SMTP server settings.

To configure SMTP settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **SMTP Settings** tab.
3. Select the **Configure SMTP settings** check box and do the following:
  - a. In the **Server** field, specify a DNS name or IP address of the SMTP server.
  - b. In the **Port** field, specify a port number of the specified SMTP server.

The default port number is 25. If you want to use SSL data encryption, specify port 587.
  - c. In the **From** field, specify the sender email address. This address will appear in the **From** field when sending OneDrive items. See [Sending Microsoft OneDrive Documents](#).
  - d. If the specified SMTP server requires an authentication for outgoing mail, select the **Use authentication** check box and provide valid credentials.
  - e. Select the **Enable SSL security** check box to enable SSL data encryption.
4. Click **Send** to send a test email message.
5. Click **OK**.



The screenshot shows the 'Options' dialog box with the 'SMTP Settings' tab selected. The 'Advanced' sub-tab is active. The 'Configure SMTP settings' checkbox is checked. The 'Server' field contains 'smtp.office365.com'. The 'Port' field is set to 25. The 'From' field contains 'administrator@tech.local'. The 'Use authentication' checkbox is checked, with 'Administrator' in the 'User' field and a masked password in the 'Password' field. The 'Enable SSL security' checkbox is checked. The 'Send a test email to:' section has 'Email:' set to 'administrator@abc.onmicrosoft.com' and a 'Send' button. At the bottom are 'OK', 'Cancel', and 'Apply' buttons.

# Advanced Settings

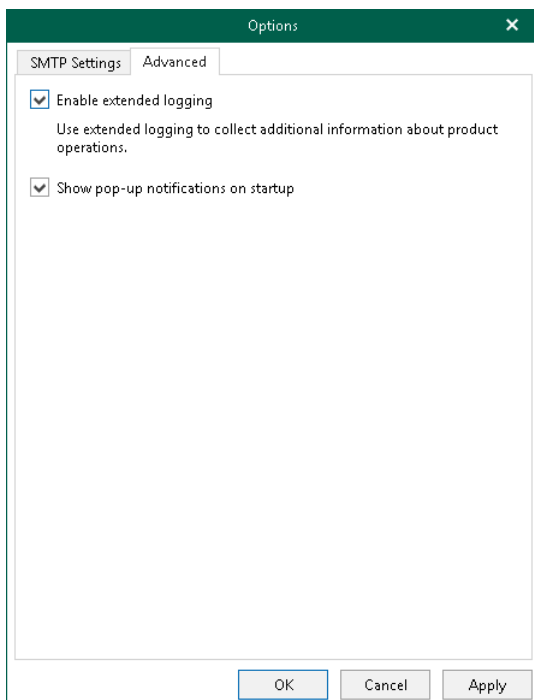
Veeam Explorer for Microsoft OneDrive for Business allows you to configure advanced settings such as extended logging mode and pop-up notifications.

To configure advanced settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **Advanced** tab.
3. If you want to enable extended logging mode to collect logs that contain additional information on specific operations, select the **Enable extended logging** check box.

After enabling extended logging mode, you can go back to the application and perform actions for which you want to collect additional information. Then you can collect logs.

4. By default, Veeam Explorer for Microsoft OneDrive for Business displays notifications when loading backups created by Veeam Backup for Microsoft 365 from object storage. If you want to disable these notifications, clear the **Show pop-up notifications on startup** check box.
5. Click **OK**.



# Standalone Databases

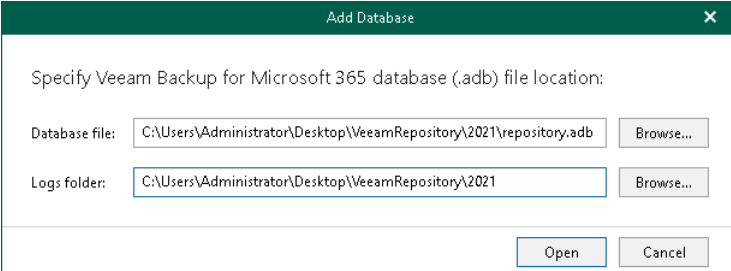
You can add standalone databases to the Veeam Explorer for Microsoft OneDrive for Business scope and connect to a Veeam Backup for Microsoft 365 server and service provider server to view backups located on these servers.



# Adding Veeam Backup for Microsoft 365 Databases

To manually add databases that store Microsoft 365 organization data, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Org > Veeam Backup for Microsoft 365 database** on the ribbon.
  - Right-click the **Organizations** node and select **Veeam Backup for Microsoft 365 database**.
2. Specify the database file location and log directory.
3. Click **Open**.



Specify Veeam Backup for Microsoft 365 database (.adb) file location:

Database file: C:\Users\Administrator\Desktop\VeeamRepository\2021\repository.adb Browse...

Logs folder: C:\Users\Administrator\Desktop\VeeamRepository\2021 Browse...

Open Cancel

## NOTE

Make sure you have disabled the *Veeam Backup Proxy for Microsoft 365 Service* when adding local databases. You can stop this service by using the `services.msc` console. If you try to add a database having this service still in progress, you will receive an error message and will not be able to access the database due to database lock.

# Adding Veeam Backup for Microsoft 365 Server

You can use the built-in Veeam Explorer for Microsoft OneDrive for Business abilities to connect to another Veeam Backup for Microsoft 365 server and add its databases to the Veeam Explorer for Microsoft OneDrive for Business scope.

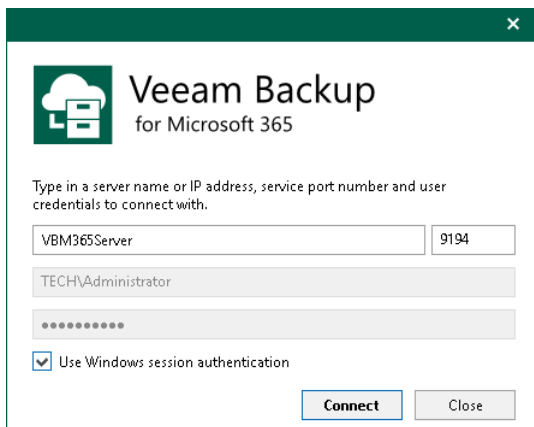
To connect to another Veeam Backup for Microsoft 365 server remotely, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Org > Veeam Backup for Microsoft 365 server** on the ribbon.
  - Right-click the **Organizations** node and select **Veeam Backup for Microsoft 365 server**.

2. Specify a server name or IP address and enter credentials to access the specified server.

Select the **Use Windows session authentication** check box to connect with the user account under which you are currently logged in.

3. Click **Connect**.



The screenshot shows a dialog box titled "Veeam Backup for Microsoft 365". It contains a text area for "Type in a server name or IP address, service port number and user credentials to connect with." Below this are three input fields: the first contains "VBM365Server", the second contains "9194", and the third contains "TECH\Administrator". There is a checkbox labeled "Use Windows session authentication" which is checked. At the bottom right are "Connect" and "Close" buttons.

# Adding Veeam Backup for Microsoft 365 Service Provider

In Veeam Explorer for Microsoft OneDrive for Business, you can connect to a service provider server to add its backups to the application scope and perform a restore directly from such backups.

## NOTE

Make sure that both Veeam Explorer for Microsoft OneDrive for Business and Veeam Backup & Replication are installed on the same server and at least one service provider is added to Veeam Backup & Replication. For more information, see the [Connecting to Service Providers](#) section of the Veeam Cloud Connect Guide.

To add Veeam Backup for Microsoft 365 service providers, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Org > Veeam Backup for Microsoft 365 service provider** on the ribbon.
  - Right-click the **Organizations** node and select **Veeam Backup for Microsoft 365 service provider**.
2. From the **Select service provider and authentication method** drop-down list, select a service provider that you want to add and select an authentication method that can be either *Modern authentication* or *Basic authentication*.
3. [For *Modern authentication*] Select a region to which a Microsoft 365 organization of the selected service provider belongs.
4. [For *Modern authentication*] Copy the device code and use it to sign in to Azure Active Directory.

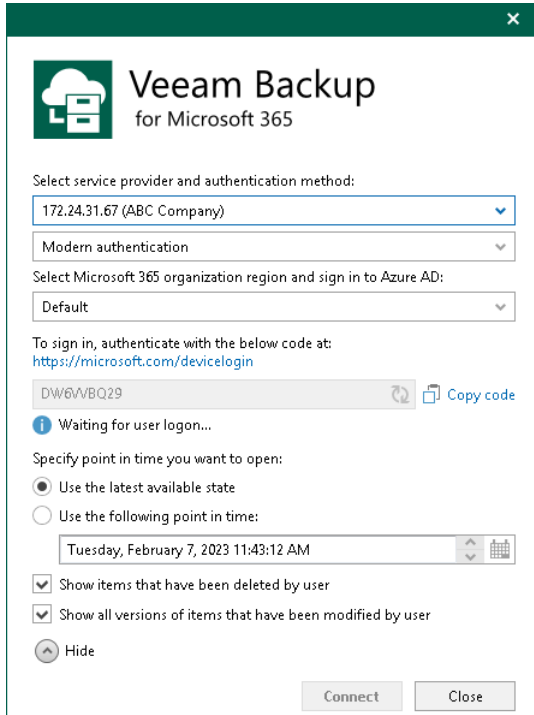
For *Basic authentication*, you must enter a user name and password to connect to the service provider server.

## NOTE

You cannot use *Basic authentication* to load backups if a Microsoft 365 organization has been added to the service provider infrastructure using *Modern authentication*.

5. Select a point-in-time state as of which you want to load Microsoft 365 backups.  
To select a point in time, use the calendar control.
6. Select the **Show items that have been deleted by user** check box to see all the items that were removed.
7. Select the **Show all versions of items that have been modified by user** check box if you want to load modified versions.

8. Click **Connect**.



The image shows a window titled "Veeam Backup for Microsoft 365". It contains several configuration options for connecting to a Microsoft 365 organization. The "Service provider and authentication method" section has two dropdown menus: the first is set to "172.24.31.67 (ABC Company)" and the second is set to "Modern authentication". The "Microsoft 365 organization region and sign in to Azure AD" section has a dropdown menu set to "Default". Below this, there is a text prompt to sign in with a code, followed by a text box containing the code "DW6VV/BQ29" and a "Copy code" button. A status message "Waiting for user login..." is displayed. The "Specify point in time you want to open:" section has two radio buttons: "Use the latest available state" (selected) and "Use the following point in time:". Below the radio buttons is a date and time picker showing "Tuesday, February 7, 2023 11:43:12 AM". There are two checked checkboxes: "Show items that have been deleted by user" and "Show all versions of items that have been modified by user". At the bottom left, there is a "Hide" button with an upward arrow icon. At the bottom right, there are "Connect" and "Close" buttons.

**Veeam Backup**  
for Microsoft 365

Select service provider and authentication method:



172.24.31.67 (ABC Company) ▼


Modern authentication ▼

Select Microsoft 365 organization region and sign in to Azure AD:

Default ▼

To sign in, authenticate with the below code at:  
<https://microsoft.com/devicelogin>

DW6VV/BQ29   Copy code

 Waiting for user login...

Specify point in time you want to open:


☒ Use the latest available state

☐ Use the following point in time:

Tuesday, February 7, 2023 11:43:12 AM

☒ Show items that have been deleted by user

☒ Show all versions of items that have been modified by user

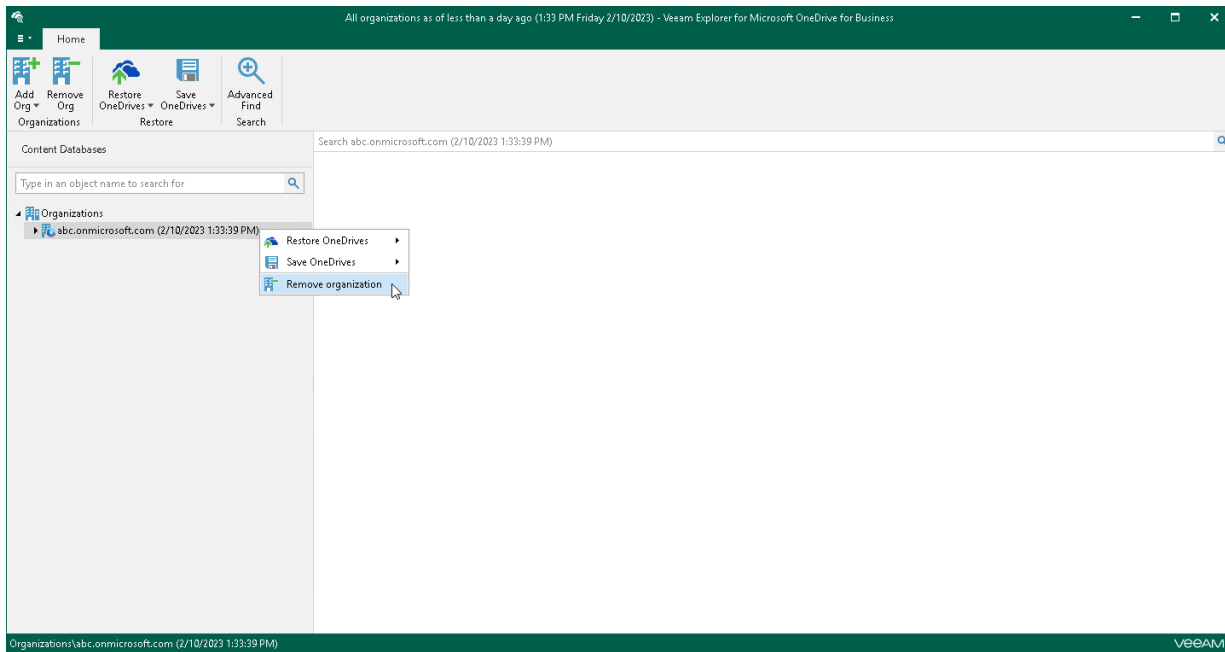
 Hide

Connect Close

# Removing Organizations

Veeam Explorer for Microsoft OneDrive for Business allows you to remove an organization from the application scope when you no longer need it.

To remove an organization from the application scope, right-click an organization in the navigation pane and select **Remove organization**.



# Data Restore

You can use Veeam Explorer for Microsoft OneDrive for Business to restore data to [Microsoft 365](#) organizations.

## NOTE

By default, Veeam Explorer for Microsoft OneDrive for Business restores only the latest version of OneDrive items to their original location. If you want to restore all versions of OneDrive items and specify another location, you can copy your OneDrive data. For more information, see [Data Copy](#).

# Restoring Single OneDrive

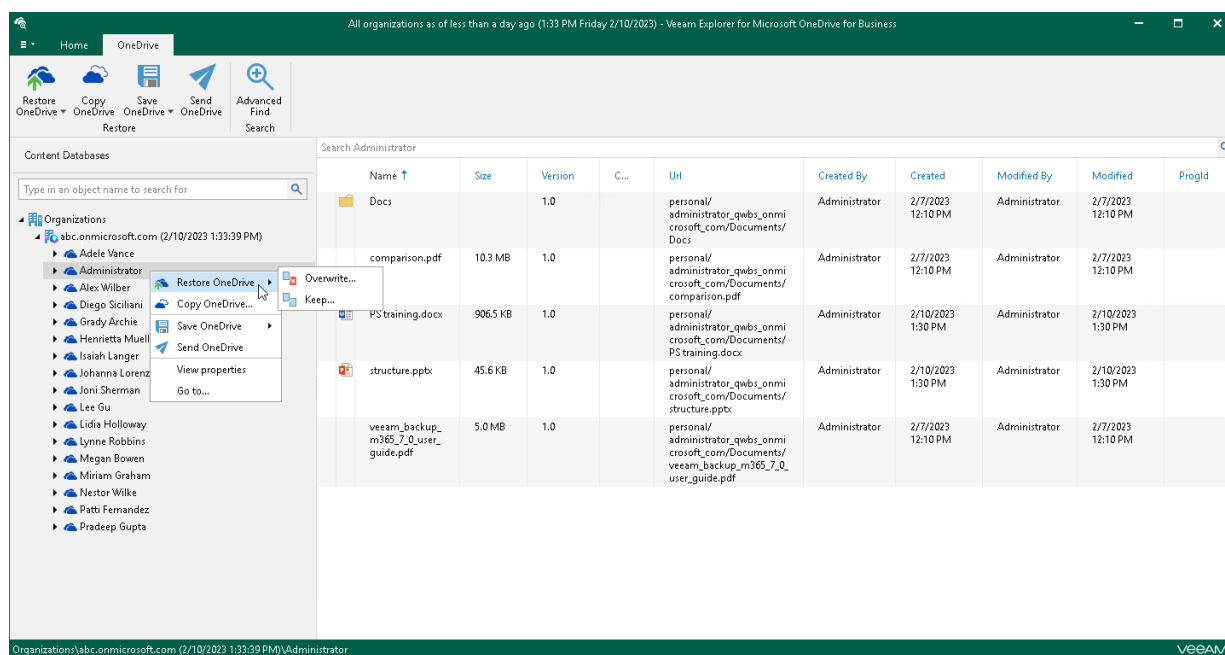
To restore data of a single OneDrive, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)

# Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. Select an object that you want to restore:
  - To restore OneDrive, select the necessary OneDrive in the navigation pane.
  - To restore a folder, select the necessary folder in the navigation pane.
  - To restore a document, select a folder that contains the document in the navigation pane and then select the document in the preview pane.
2. Do one of the following:
  - On the **OneDrive/Folder/Document** tab, click **Restore OneDrive/Restore Folder/Restore Document** on the ribbon and select one of the following options:
    - **Overwrite** – to completely overwrite existing OneDrive data.
    - **Keep** – to preserve existing data and restore items with the **RESTORED** prefix (**RESTORED-  
<file\_name>.ext**).
  - Right-click an object that you want to restore and select **Restore OneDrive/Restore folder/Restore document > Overwrite** or **Restore OneDrive/Restore folder/Restore document > Keep**.





## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

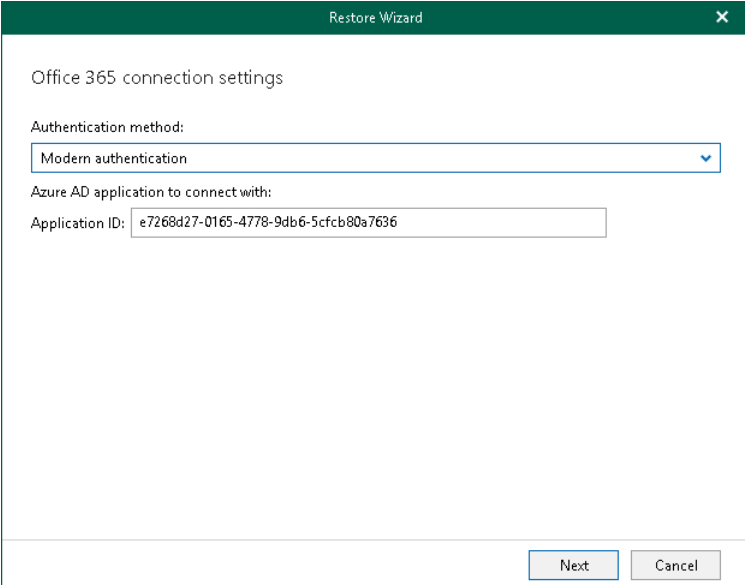
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft OneDrive for Business populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

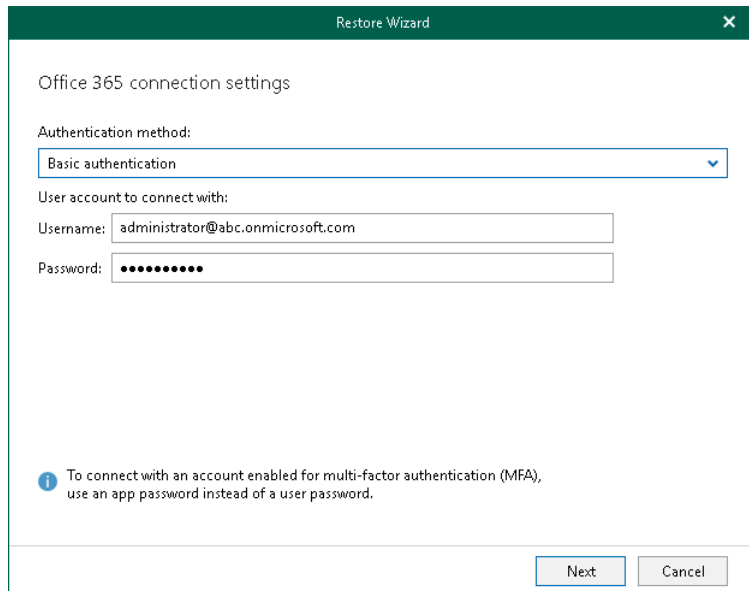


The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Office 365 connection settings". Below this title, there are two sections. The first section is labeled "Authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Azure AD application to connect with:" and contains a text field with the value "Application ID: e7268d27-0165-4778-9db6-5cfcb80a7636". At the bottom right of the window, there are two buttons: "Next" and "Cancel".

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Office 365 connection settings". Below this title, there is a section labeled "Authentication method:" followed by a drop-down menu currently showing "Basic authentication". Underneath, there is a section labeled "User account to connect with:" containing two text input fields. The "Username:" field contains the text "administrator@abc.onmicrosoft.com", and the "Password:" field contains a series of dots. At the bottom left of the main area, there is an information icon (i) and a note: "To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password." At the bottom right, there are two buttons: "Next" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

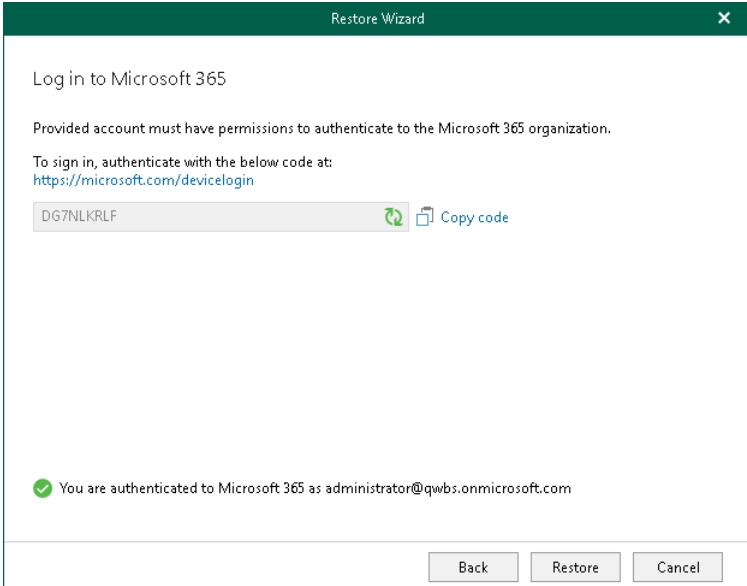
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For Veeam Explorer for Microsoft OneDrive for Business, required permissions are the same as for Veeam Explorer for Microsoft SharePoint. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Restore**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', and 'To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>'. Below this is a text box containing the code 'DG7NLKRLF' and a 'Copy code' button. At the bottom, there is a green checkmark icon and the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. The bottom of the window has three buttons: 'Back', 'Restore', and 'Cancel'.

# Restoring Multiple OneDrives

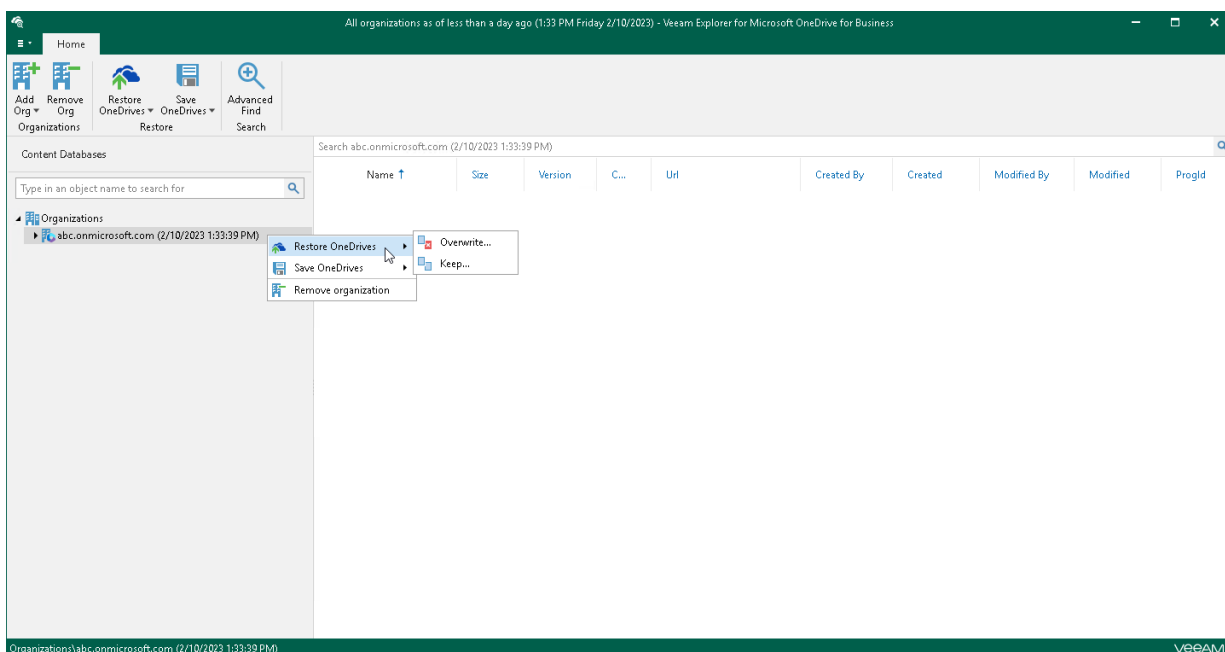
To restore multiple OneDrives, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Select OneDrives.](#)

# Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. In the navigation pane, select an organization with OneDrives.
2. Do one of the following:
  - On the **Home** tab, click **Restore OneDrives** on the ribbon and select one of the following options:
    - **Overwrite** – to completely overwrite existing OneDrives.
    - **Keep** – to preserve existing data and restore items with the `RESTORED` prefix (`RESTORED-<file_name>.ext`).
  - Right-click an organization with OneDrives and select **Restore OneDrives > Overwrite** or **Restore OneDrives > Keep**.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

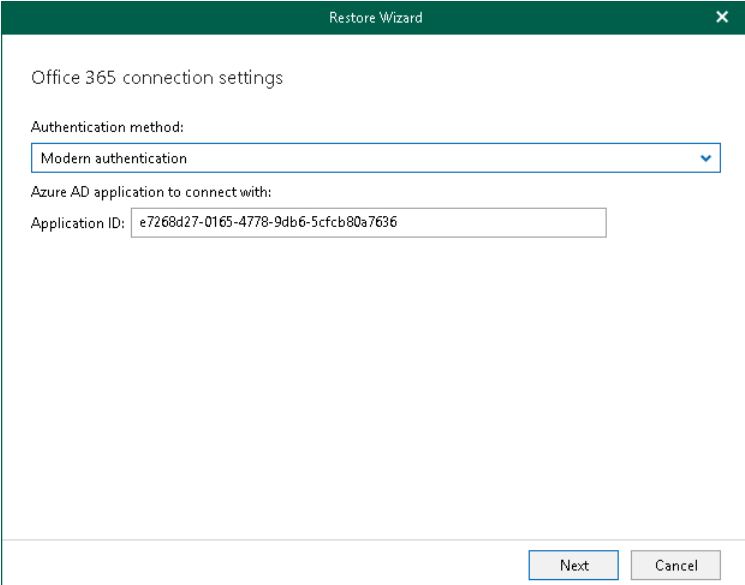
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft OneDrive for Business populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



Restore Wizard

Office 365 connection settings

Authentication method:  
Modern authentication

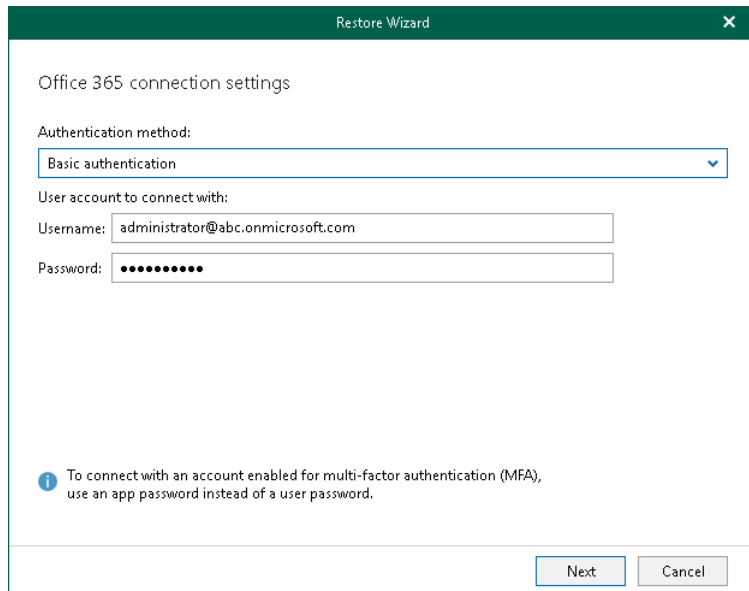
Azure AD application to connect with:  
Application ID: e7268d27-0165-4778-9db6-5cfcb80a7636

Next Cancel

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Office 365 connection settings". Below this title, there is a section labeled "Authentication method:" followed by a drop-down menu currently showing "Basic authentication". Underneath, there is a section labeled "User account to connect with:" containing two input fields. The "Username:" field contains the text "administrator@abc.onmicrosoft.com". The "Password:" field is filled with ten black dots. At the bottom left of the main content area, there is an information icon (i) followed by the text: "To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password." At the bottom right of the window, there are two buttons: "Next" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

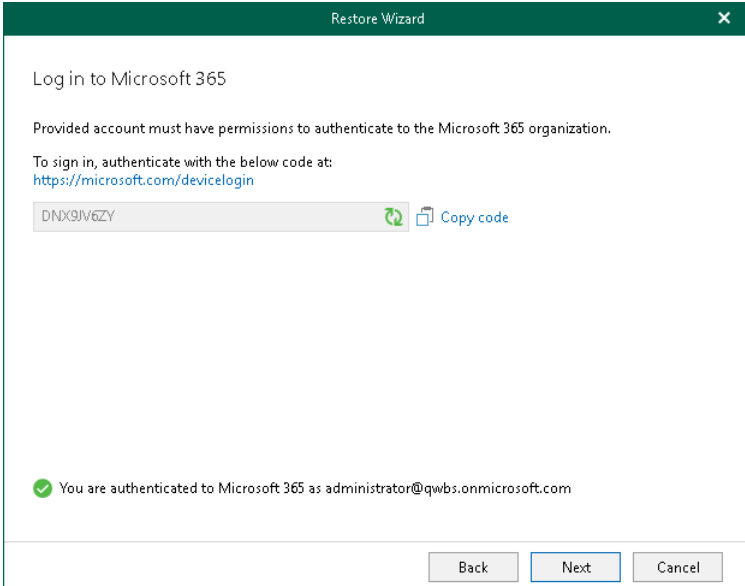
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For Veeam Explorer for Microsoft OneDrive for Business, required permissions are the same as for Veeam Explorer for Microsoft SharePoint. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', and 'To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>'. Below this is a text input field containing the code 'DNX9JW6ZY'. To the right of the input field are a refresh icon and a 'Copy code' button. At the bottom of the main area, there is a green checkmark icon followed by the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. At the very bottom of the window are three buttons: 'Back', 'Next', and 'Cancel'.



# Step 4. Select OneDrives

At this step of the wizard, select OneDrives that you want to restore and click **Restore**.

If you want to check whether user accounts whose OneDrives you want to restore exist, click **Resolve selected accounts**.

Restore Wizard

Select OneDrive accounts to restore

Account <span>↑</span>	Status
<input checked="" type="checkbox"/> Adele Vance	✔ User found
<input checked="" type="checkbox"/> Administrator	✔ User found
<input type="checkbox"/> Alex Wilber	
<input type="checkbox"/> Diego Siciliani	
<input type="checkbox"/> Grady Archie	
<input type="checkbox"/> Henrietta Mueller	
<input type="checkbox"/> Isaiah Langer	
<input type="checkbox"/> Johanna Lorenz	
<input type="checkbox"/> Joni Sherman	
<input checked="" type="checkbox"/> Lee Gu	✔ User found
<input type="checkbox"/> Lidia Holloway	

9 accounts selected

[Resolve selected accounts](#)

Back

Restore

Cancel

# Data Copy

You can use Veeam Explorer for Microsoft OneDrive for Business to copy OneDrive data to a different location.

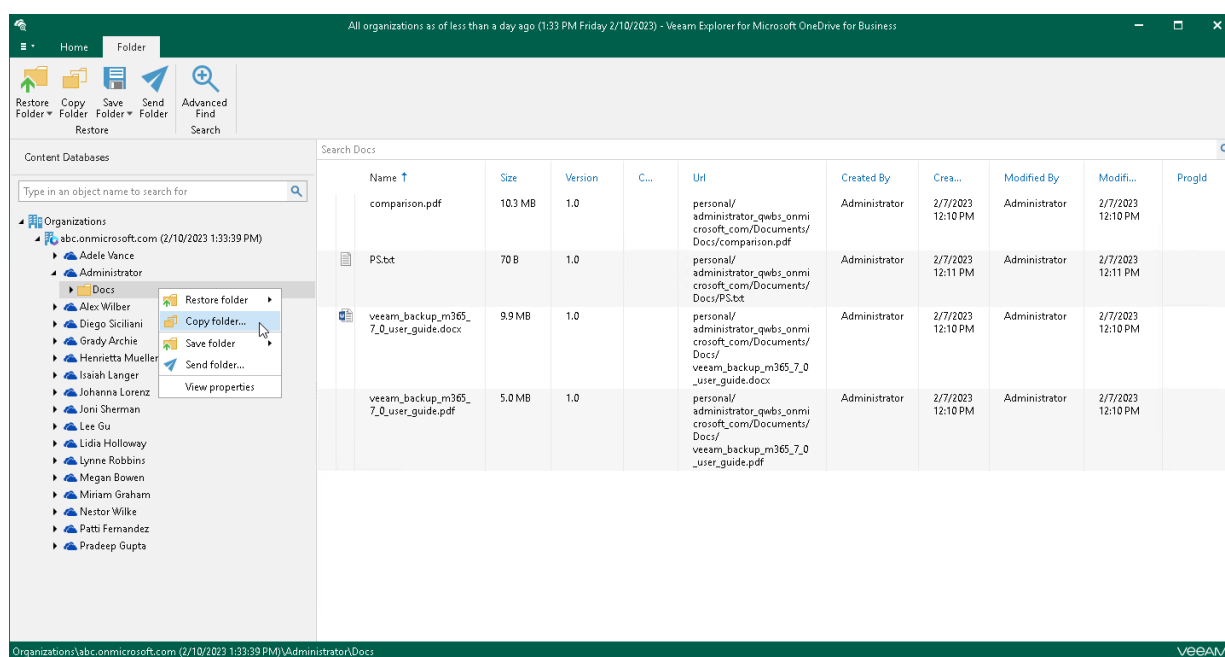
To copy OneDrive data to the same or different user, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Specify a target user.](#)
5. [Specify a target folder.](#)
6. [Specify restore options.](#)

# Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

1. Select an object that you want to copy:
  - To copy OneDrive, select the necessary OneDrive in the navigation pane.
  - To copy a folder, select the necessary folder in the navigation pane.
  - To copy a document, select a folder that contains the document in the navigation pane and then select the document in the preview pane.
2. Do one of the following:
  - On the **OneDrive/Folder/Document** tab, click **Copy OneDrive/Copy Folder/Copy Document** on the ribbon.
  - Right-click an object that you want to copy and select **Copy OneDrive/Copy folder/Copy document**.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

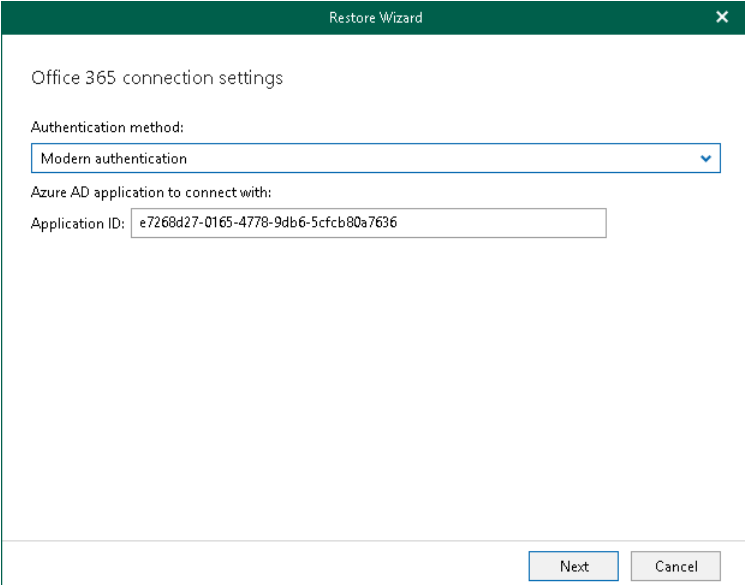
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified object back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft OneDrive for Business populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

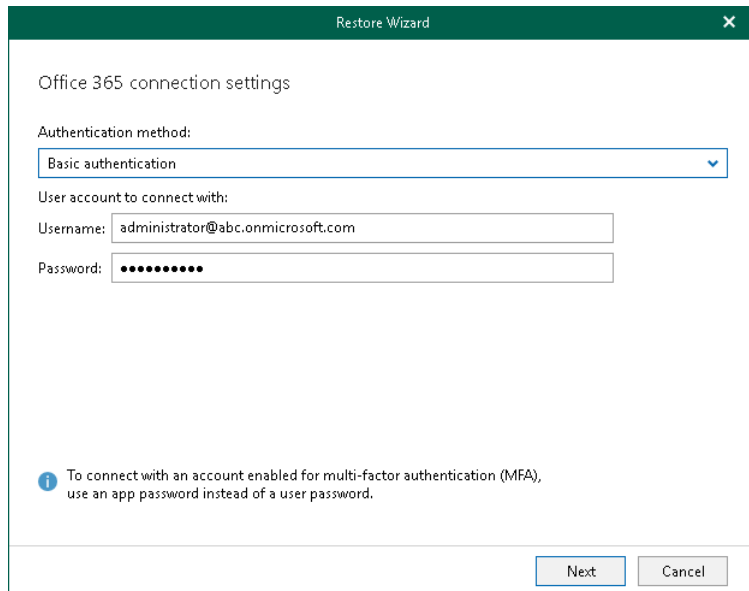


The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Office 365 connection settings". Below this title, there are two sections. The first section is labeled "Authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Azure AD application to connect with:" and contains a text field with the value "Application ID: e7268d27-0165-4778-9db6-5cfcb80a7636". At the bottom right of the window, there are two buttons: "Next" and "Cancel".

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the SharePoint organization.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Office 365 connection settings". Below this title, there is a section labeled "Authentication method:" followed by a dropdown menu currently displaying "Basic authentication". Underneath, the text "User account to connect with:" is followed by two input fields. The "Username:" field contains the text "administrator@abc.onmicrosoft.com". The "Password:" field is filled with ten black dots. At the bottom left of the main area, there is an information icon (i) and a note: "To connect with an account enabled for multi-factor authentication (MFA), use an app password instead of a user password." At the bottom right, there are two buttons: "Next" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

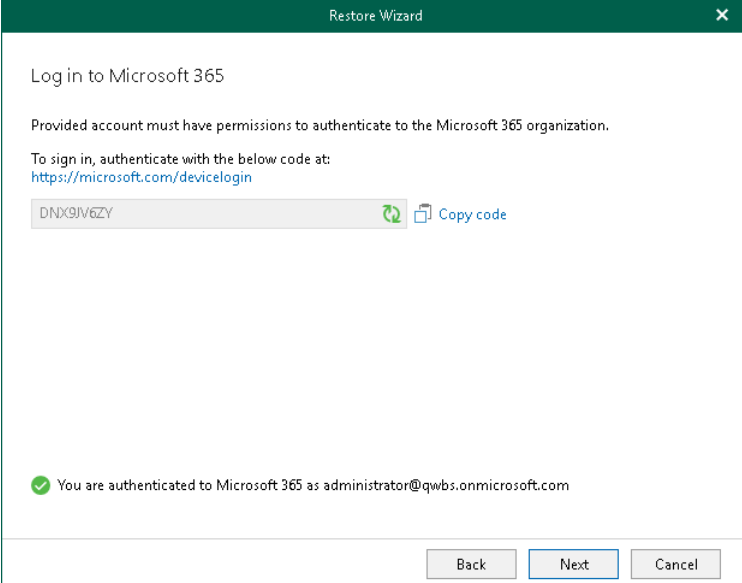
2. Click the Microsoft authentication portal link.

A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has the *SharePoint Administrator* role.

4. Return to the **Restore Wizard** window and click **Next**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', 'To sign in, authenticate with the below code at:', and a blue link 'https://microsoft.com/devicelogin'. Below the link is a text input field containing the code 'DNX9JV6ZY'. To the right of the input field is a green circular refresh icon and a blue 'Copy code' button. At the bottom of the main content area, there is a green checkmark icon followed by the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. At the bottom of the window, there are three buttons: 'Back', 'Next' (which is highlighted with a blue border), and 'Cancel'.

## Step 4. Specify Target User

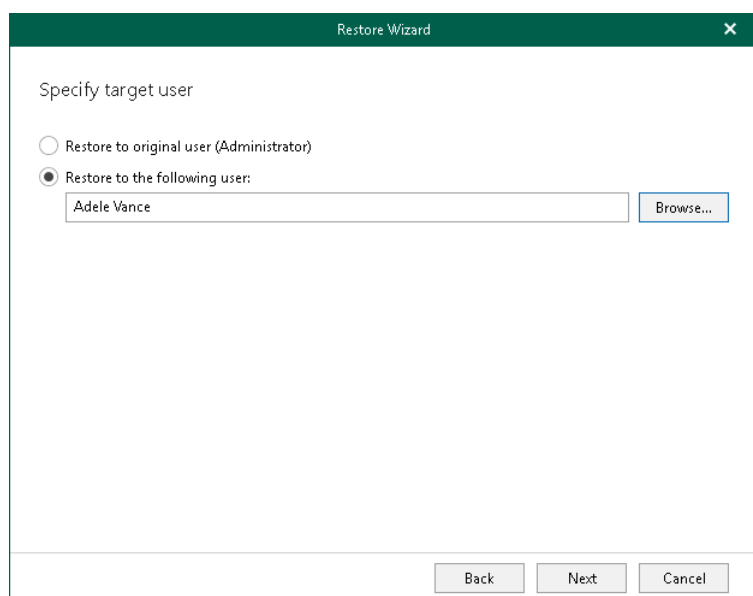
At this step of the wizard, specify a target user where you want to copy data.

You can select one of the following options:

- **Restore to original user.** To copy OneDrive data back to the original user.
- **Restore to the following user.** To copy OneDrive data to the specified user.

To select a target user, do the following:

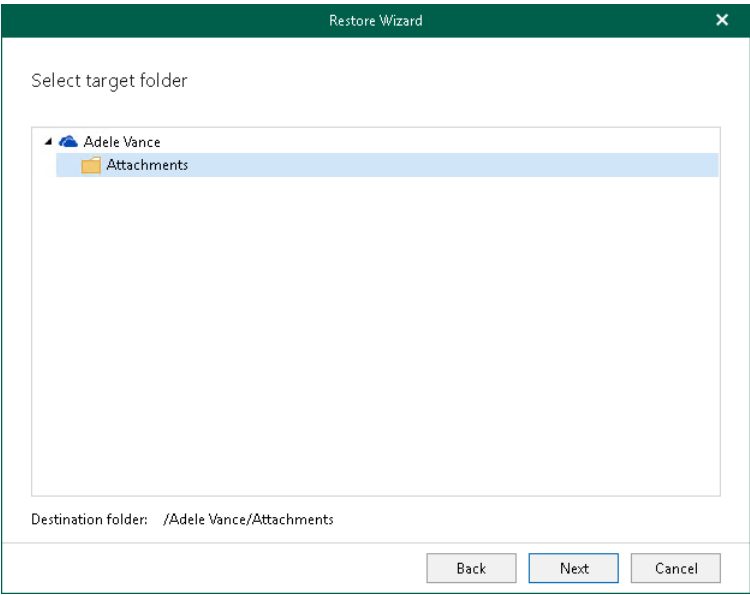
1. Click **Browse**.
2. In the **Browse OneDrive Accounts** window, select the necessary account and click **Select**.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main area is titled "Specify target user" and contains two radio button options. The first option is "Restore to original user (Administrator)" and is unselected. The second option is "Restore to the following user:" and is selected. Below this option is a text input field containing the name "Adele Vance" and a "Browse..." button to its right. At the bottom of the window, there are three buttons: "Back", "Next", and "Cancel".

# Step 5. Specify Target Folder

At this step of the wizard, specify the target folder to which you want to copy data.





## Step 6. Specify Restore Options

At this step of the wizard, select check boxes next to the restore options that you want to apply and click **Restore**.

You can select the following options:

- **Changed items.** Allows you to restore data that has been modified in your production environment.
- **Missing items.** Allows you to restore missing items.
- **Restore only latest version.** Allows you to restore only the latest version of items:
  - **Overwrite.** To overwrite data in the production environment.
  - **Merge.** To merge an existing and a backup version of items.

If the **Restore only latest version** check box is not selected, all versions of items in the production environment will be replaced with the relevant data from the backup file.

- **Restore shared access.** Allows you to restore shared access.

### NOTE

The **Send a notification by email to the users with permissions to the file** check box is only available when restoring data from backups created by Veeam Backup for Microsoft 365 for Microsoft 365 organizations.

The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main area is titled 'Restore options' and is divided into three sections:

- Restore the following items:** Contains two checked checkboxes: 'Changed items' and 'Missing items'.
- History restore options:** Contains a checked checkbox 'Restore only latest version' and two radio buttons: 'Overwrite' (selected) and 'Merge'.
- Additional options:** Contains two checked checkboxes: 'Restore shared access' and 'Send a notification by email to the users with permissions to the file'.

At the bottom of the window, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

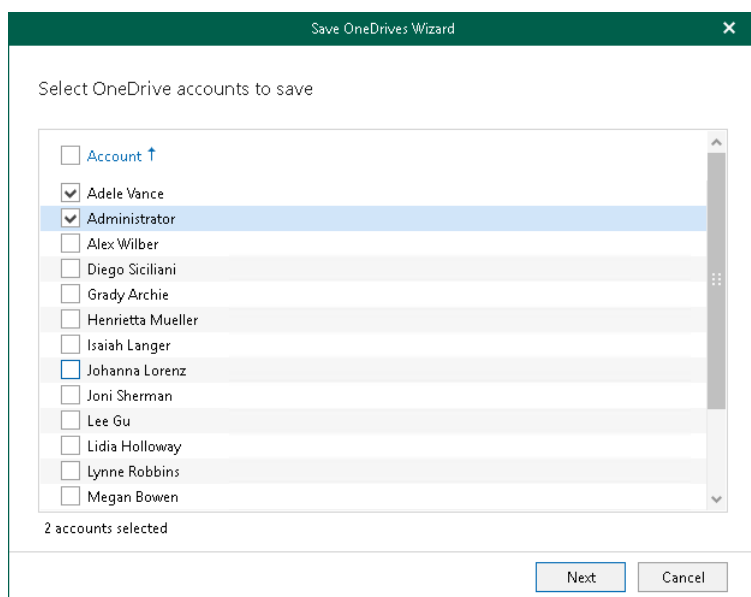
# Saving Microsoft OneDrives

Veeam Explorer for Microsoft OneDrive for Business allows you to save OneDrive content to the specified location.

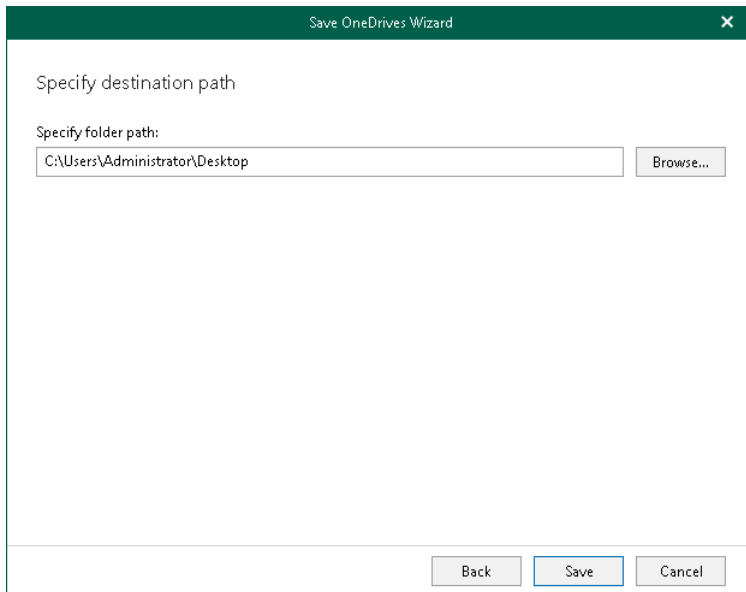
## Saving Multiple OneDrives

To save data of multiple OneDrives, do the following:

1. In the navigation pane, select an organization with OneDrives.
2. Do one of the following:
  - On the **Home** tab, click **Save OneDrives** on the ribbon and select how you want to save data:
    - **Save as files.** Select this option if you want to save each file separately to a specified location.
    - **Save as ZIP.** Select this option if you want to add saved files to a ZIP archive and save the resulting archive to a specified location. Veeam Explorer for Microsoft OneDrive for Business will save files to an archive with the *OneDrives\_<timestamp>.zip* name.
  - Right-click an organization with OneDrives and select **Save OneDrives > Save as files** or **Save OneDrives > Save as ZIP**.
3. In the **Save OneDrives Wizard** wizard, select OneDrive accounts to save.



4. Specify a folder where to save OneDrive data and click **Save**.

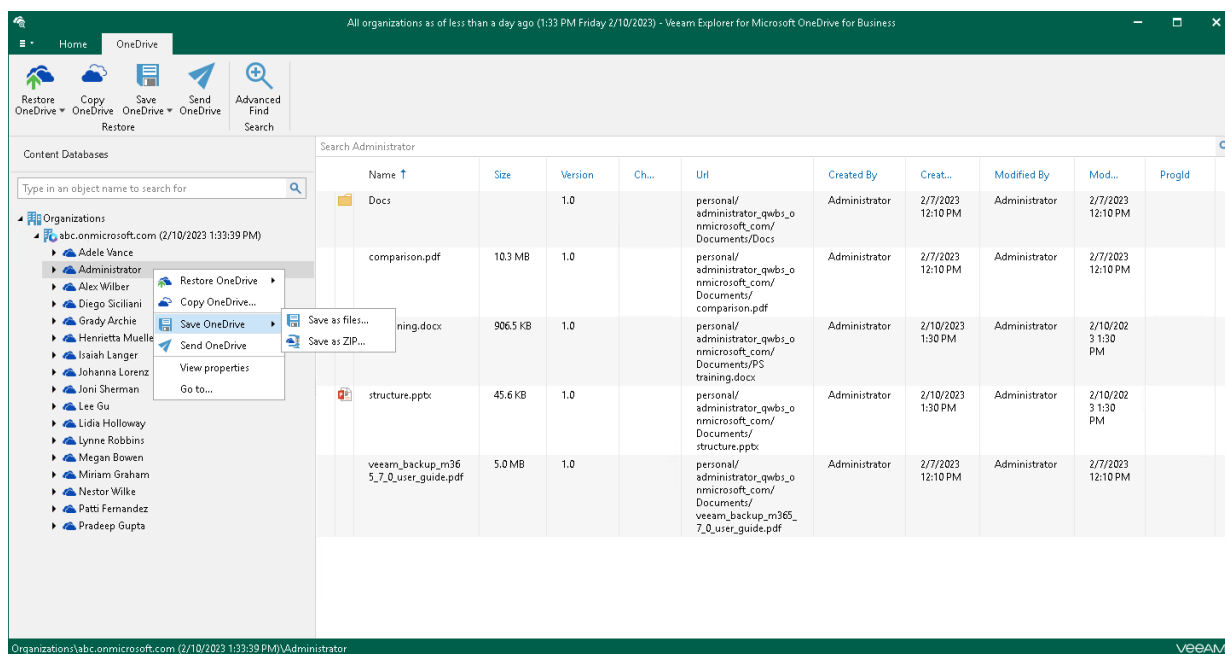


The image shows a Windows-style dialog box titled "Save OneDrives Wizard" with a close button (X) in the top right corner. The main area of the dialog is titled "Specify destination path". Below this title, there is a label "Specify folder path:" followed by a text input field containing the path "C:\Users\Administrator\Desktop". To the right of the input field is a "Browse..." button. At the bottom of the dialog, there are three buttons: "Back", "Save" (which is highlighted with a blue border), and "Cancel".

# Saving Individual OneDrives

To save data of a specific OneDrive, do the following:

1. In the navigation pane, select OneDrive.
2. Do one of the following:
  - On the **OneDrive** tab, click **Save OneDrive** on the ribbon and select how you want to save data:
    - **Save as files.** Select this option if you want to save each file separately to a specified location. To specify a location, in the displayed window, browse to the necessary folder and click **Select Folder**.
    - **Save as ZIP.** Select this option if you want to add saved files to a ZIP archive and save the resulting archive to a specified location. To specify a location, in the displayed window, browse to the necessary folder and click **Save**. Veeam Explorer for Microsoft OneDrive for Business will save files to an archive with the `<user_name>.zip` name in this folder.
  - Right-click OneDrive and select **Save OneDrive > Save as files** or **Save OneDrive > Save as ZIP**.



# Saving Microsoft OneDrive Documents and Folders

Veeam Explorer for Microsoft OneDrive for Business allows you to save documents and folders located in Microsoft OneDrive to a specified location.

To save a folder, do the following:

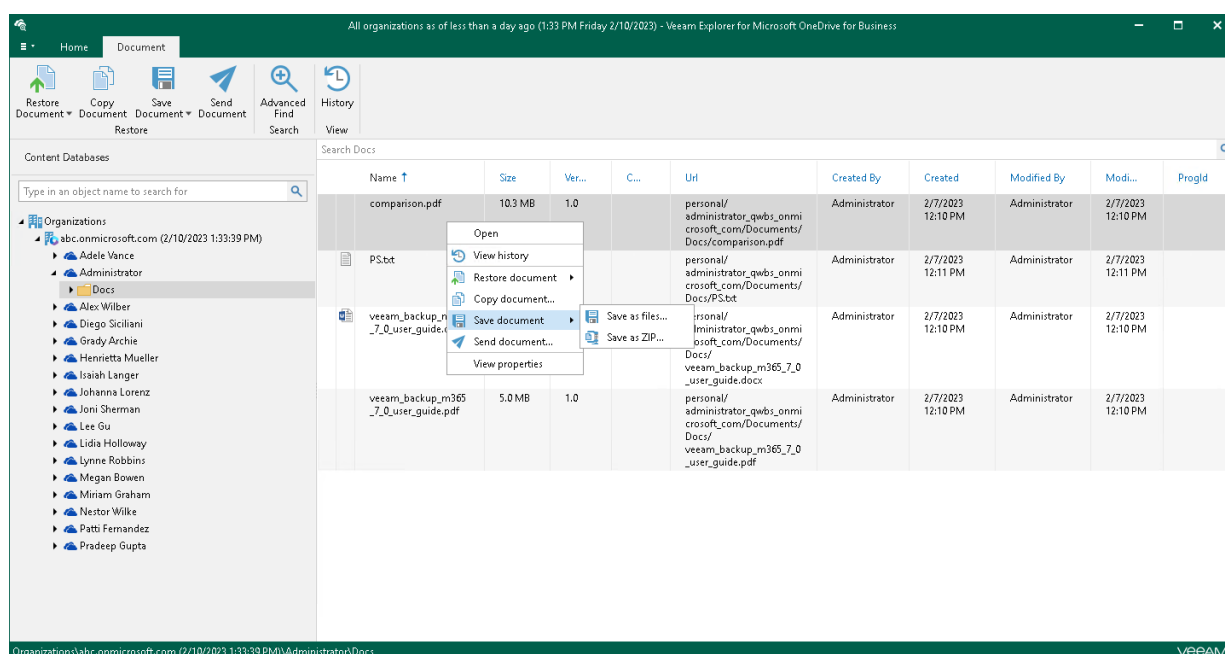
1. In the navigation pane, select a folder that you want to save.
2. Do one of the following:
  - On the **Folder** tab, click **Save Folder > Save folder as files** or **Save Folder > Save folder as ZIP** on the ribbon.
  - Right-click a folder and select **Save folder > Save folder as files** or **Save folder > Save folder as ZIP**.
3. In the displayed window, browse to the necessary folder and click **Select Folder** or **Save**.

Keep in mind that if you select the **Save as ZIP** option, Veeam Explorer for Microsoft OneDrive for Business will save a folder to an archive with the *archive.zip* name.

To save a document, do the following:

1. In the preview pane, select a document that you want to save.
2. Do one of the following:
  - On the **Document** tab, click **Save Document > Save as files** or **Save Document > Save as ZIP** on the ribbon.
  - Right-click a document and select **Save document > Save as files** or **Save document > Save as ZIP**.
3. In the displayed window, browse to the necessary folder and click **Select Folder** or **Save**.

Keep in mind that if you select the **Save as ZIP** option, Veeam Explorer for Microsoft OneDrive for Business will save a document to an archive with the *archive.zip* name.



# Sending Microsoft OneDrive Data

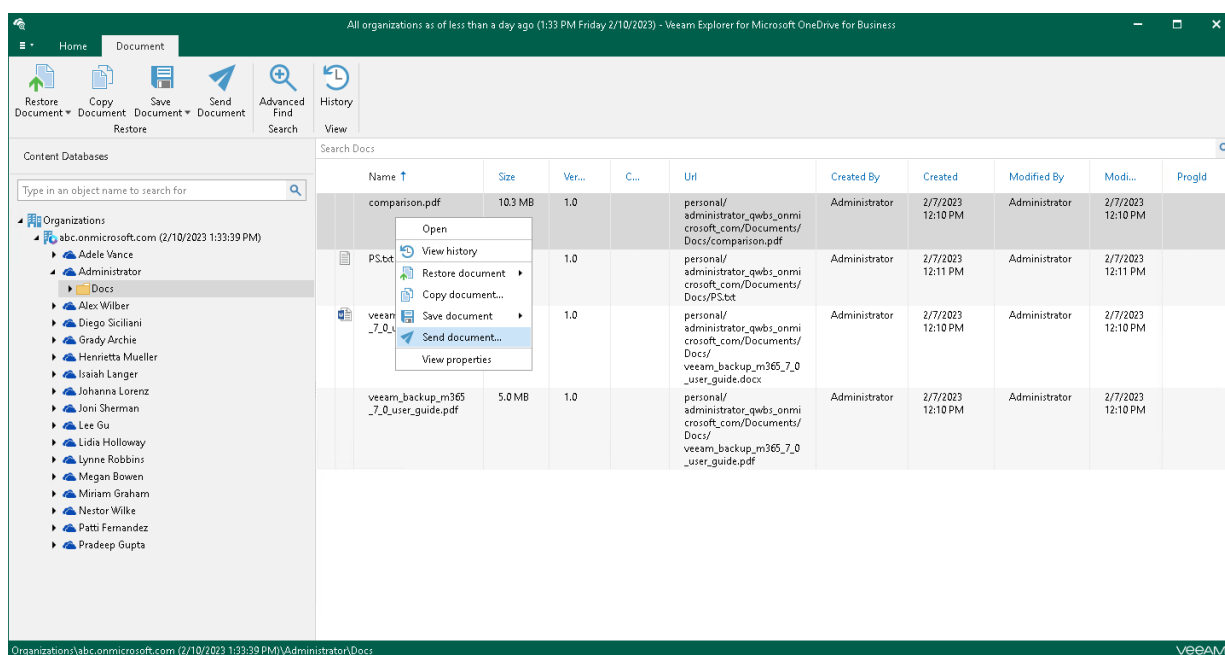
Veeam Explorer for Microsoft OneDrive for Business allows you to send OneDrive data to specified recipients through email.

## TIP

Before sending documents, make sure to configure SMTP settings. The amount of data you can send at a time depends on your SMTP server configuration. For more information about configuring SMTP settings, see [SMTP Settings](#).

To send OneDrive data through email, do the following:

1. Select an object that you want to send through email:
  - To send OneDrive, select the necessary OneDrive in the navigation pane.
  - To send a folder, select the necessary folder in the navigation pane.
  - To send a document, select a folder that contains the document in the navigation pane and then select the document in the preview pane.
2. Do one of the following:
  - On the **OneDrive/Folder/Document** tab, click **Send OneDrive/Send Folder/Send Document** on the ribbon.
  - Right-click an object that you want to send and select **Send OneDrive/Send folder/Send document**.



3. In the **Send Items** window, provide a recipient address.

The **From** field is filled automatically based on the address you have provided when configuring SMTP settings.

You can also edit the message subject and body. To edit the message body, click **More details**.

# Veeam Explorer for Microsoft Teams

Veeam Explorer for Microsoft Teams allows you to restore and export Microsoft Teams data from backups created by Veeam Backup for Microsoft 365.

You can also save data from backups to a local computer and send data from backups through email.



# Planning and Preparation

You can configure your environment before start using Veeam Explorer for Microsoft Teams.

# Ports

For restore of Microsoft Teams data, you must open the same ports that are required for restore of Microsoft Exchange and Microsoft SharePoint data. For more information, see [Veeam Explorer for Microsoft Exchange: Ports](#) and [Veeam Explorer for Microsoft SharePoint: Ports](#).

# Permissions

The following table lists required permissions for data restore.

Operation	Required Roles and Permissions
Restore to Microsoft 365	<p>To restore Microsoft Teams data, you must grant the following roles and permissions to user accounts:</p> <p><b>Restore Using Basic Authentication Method</b></p> <ul style="list-style-type: none"><li>• The user account must have a Microsoft 365 license that permits access to Microsoft Teams API. The minimum sufficient license is Microsoft Teams Exploratory experience. For more information about the Microsoft Teams Exploratory experience, see <a href="#">this Microsoft article</a>.</li><li>• To restore Microsoft Teams data, the user account must have the <i>Teams Administrator</i> role.</li></ul> <p><b>Restore Using Modern Authentication Method</b></p> <ul style="list-style-type: none"><li>• The user account must have a Microsoft 365 license that permits access to Microsoft Teams API. The minimum sufficient license is Microsoft Teams Exploratory experience.</li><li>• To restore Microsoft Teams data, the user account must have the <i>Teams Administrator</i> role.</li><li>• Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the <a href="#">Configuring Azure AD Application Settings</a> section of the Veeam Backup for Microsoft 365 User Guide.</li><li>• If you restore data with Azure AD applications using a certificate, make sure that your Azure AD application is granted the required permissions. For more information, see the <a href="#">Permissions for Modern App-Only Authentication</a> section of the Veeam Backup for Microsoft 365 User Guide.</li></ul>

# Considerations and Limitations

This section lists considerations and limitations of Veeam Explorer for Microsoft Teams.

## Data Restore

Consider the following when planning to restore Microsoft Teams data:

- Use of [modern authentication with legacy protocols allowed](#) is not supported for data restore with Veeam Explorer for Microsoft Teams.
- You can restore Microsoft Teams data to the original organization only.
- Veeam Explorer for Microsoft Teams does not change roles for team owners during restore. For example, you create a backup of your organization, and then change role for a team member from *Member* to *Owner*. In this case, if you restore this team member from the backup, Veeam Explorer for Microsoft Teams will not set their role to *Member*.
- Restore of OneNote notebooks from backups of Microsoft Teams data for organizations with modern app-only authentication is not supported.
- When restoring a channel tab, Veeam Explorer for Microsoft Teams does not preserve relation between the link to a file published on the tab and the file itself. You will need to link the tab to the file manually after restore. This limitation does not apply to the scenario where you restore an entire team.
- Veeam Explorer for Microsoft Teams does not restore posts to their original location in the team channel. Instead, Veeam Explorer for Microsoft Teams exports posts to a file of the HTML format, creates a separate tab in the original channel and attaches the HTML file to this tab.
- If a user never opened the *Files* tab of a team channel in Microsoft Teams before data backup, files from this tab are not displayed in Veeam Explorer for Microsoft Teams.
- Before restoring posts, make sure that Website App is unblocked both for your organization and the user account that you use to restore Microsoft Teams data.
- When restoring a channel, Veeam Explorer for Microsoft Teams cannot rename this channel.
- Before restoring team data for a tenant organization with modern app-only authentication, make sure that a user account used for authorization has access to the root SharePoint site of this tenant organization.

# Launching Application and Exploring Backups

To open Veeam Explorer for Microsoft Teams and load backups, you can use any of the following methods:

- The **Explore** option to load backups created by Veeam Backup for Microsoft 365. For more information, see the [Data Restore](#) section of the Veeam Backup for Microsoft 365 User Guide.

When loading backups located in object storage, Veeam Explorer for Microsoft Teams will notify you about the location of these backups. You can select the **Don't show this message again** check box to unsubscribe from such notifications. To disable these notifications, clear the **Show pop-up notifications on startup** check box. For more information, see [Advanced Settings](#).

- Go to **Start**, click **Veeam Explorer for Microsoft Teams** and manually open Microsoft Teams databases. For more information, see [Standalone Databases](#).

When you open Veeam Explorer for Microsoft Teams from the **Start** menu, all backed-up databases will be loaded automatically.

If you open Veeam Explorer for Microsoft Teams from the **Start** menu on a machine that runs the Veeam Backup & Replication console and Veeam Explorers only, specify the following:

- The domain name or IP address of a server to which you want to connect.
- The port number.
- User account credentials.

Consider the following:

- To perform restore operations, Veeam Explorer for Microsoft Teams must be run with elevated permissions. The user account must be a member of the local *Administrators* group on the machine where Veeam Explorer for Microsoft Teams is installed.
- The account must have the Veeam Backup Administrator or Veeam Restore Operator role on the target backup server.

To use the account under which Veeam Explorer for Microsoft Teams is running, select **Use Windows session authentication**.

To save the connection shortcut to the desktop, click **Save shortcut** in the bottom-left corner.

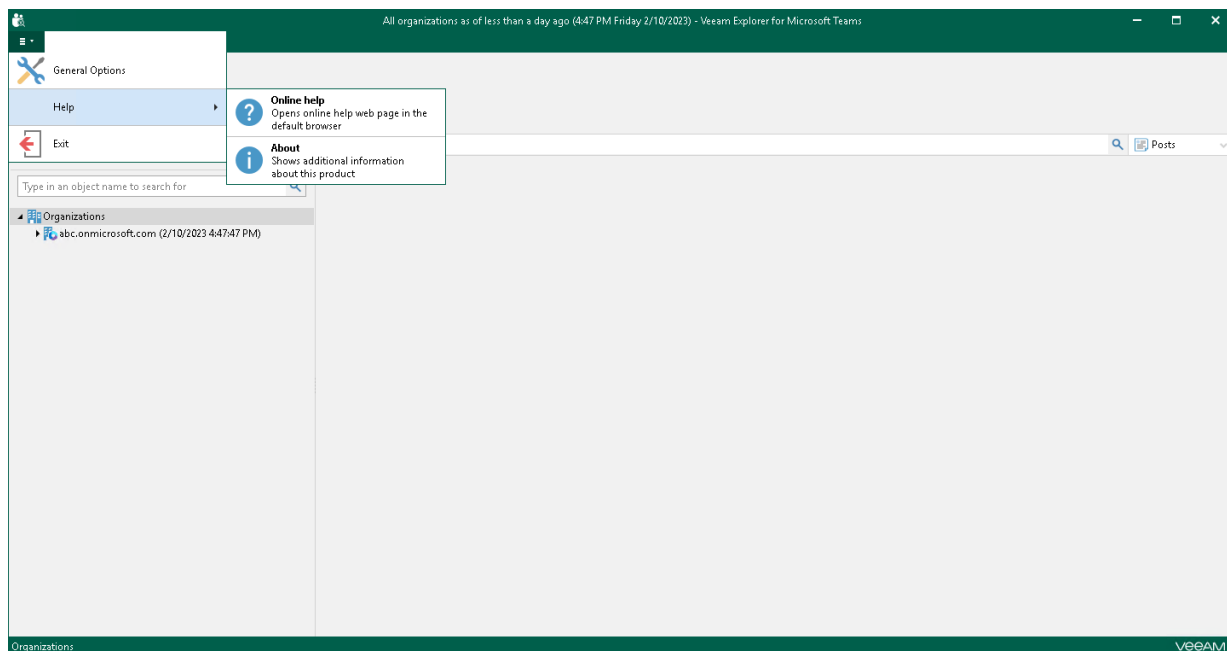
# Understanding User Interface

The user interface of Veeam Explorer for Microsoft Teams is designed to let you quickly find commands that you need to restore and export Microsoft Teams data from backups created by Veeam Backup for Microsoft 365.

## Main Menu

The main menu comprises the following:

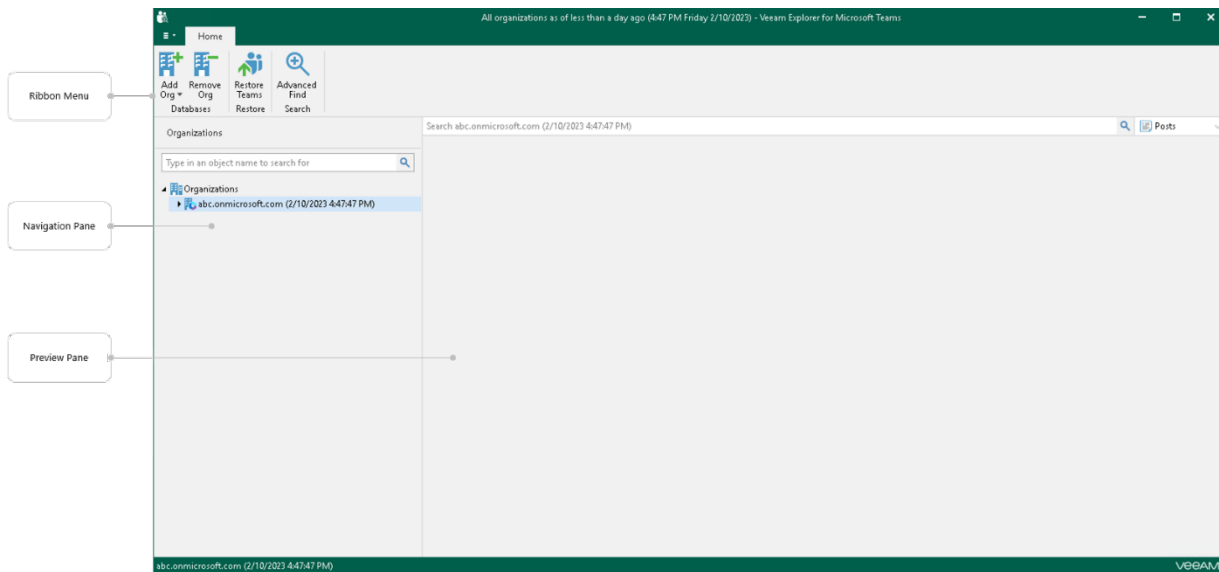
- **General Options.** Allows you to configure general application settings. For more information, see [General Application Settings](#).
- **Help.**
  - **Online help.** Opens the online help page.
  - **About.** Shows the additional information including build number.
- **Exit.** Closes the Veeam Explorer for Microsoft Teams window.



# Main Application Window

The main application window can be divided into three categories:

- The ribbon that contains operation commands organized into logical groups represented as tabs. The ribbon is displayed at the top of the main application window.
- The navigation pane that allows you to browse through the hierarchy of folders with backed-up data. Also, it allows you to search for teams using keywords.
- The preview pane that provides search capabilities and allows you to view details about items that are contained in a folder you have selected in the navigation pane.



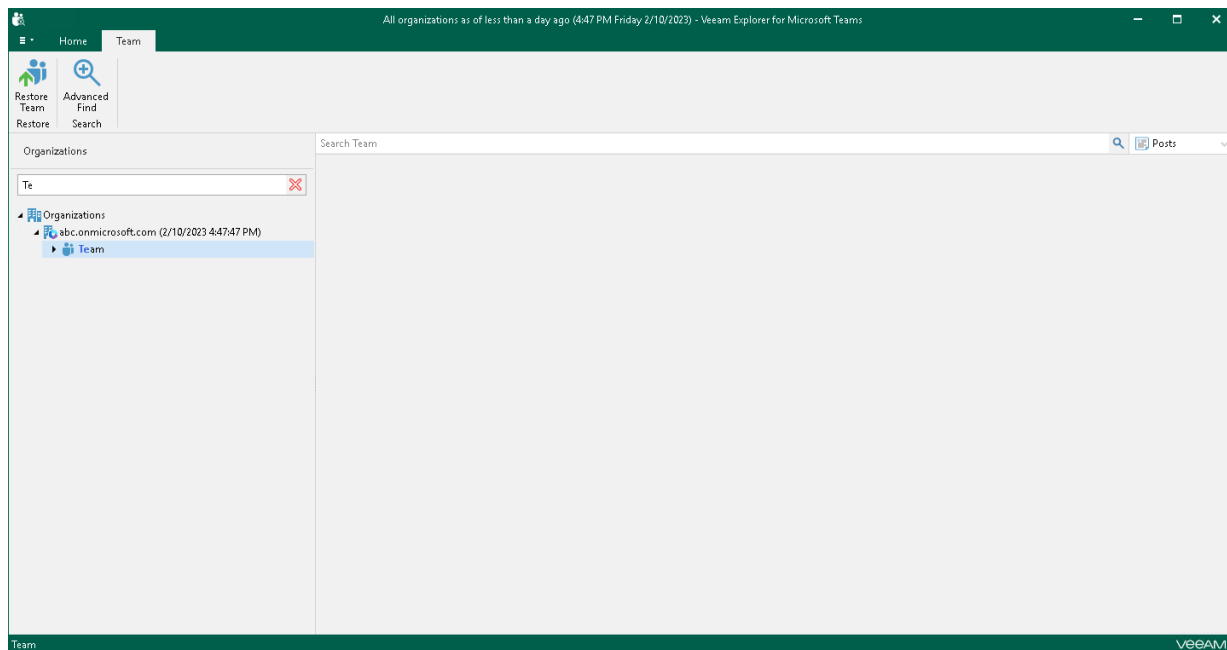
# Browsing, Searching and Viewing Items

You can use Veeam Explorer for Microsoft Teams to view the contents of a backup file, view team properties, open posts and files, search for teams and for items in a backup file as well as customize criteria of your search.

## Searching for Teams

You can use keywords to search for teams in the database structure containing your Microsoft Teams objects. To do this, enter a search query in the search field at the top of the navigation pane.

To remove a keyword, click the cross mark.



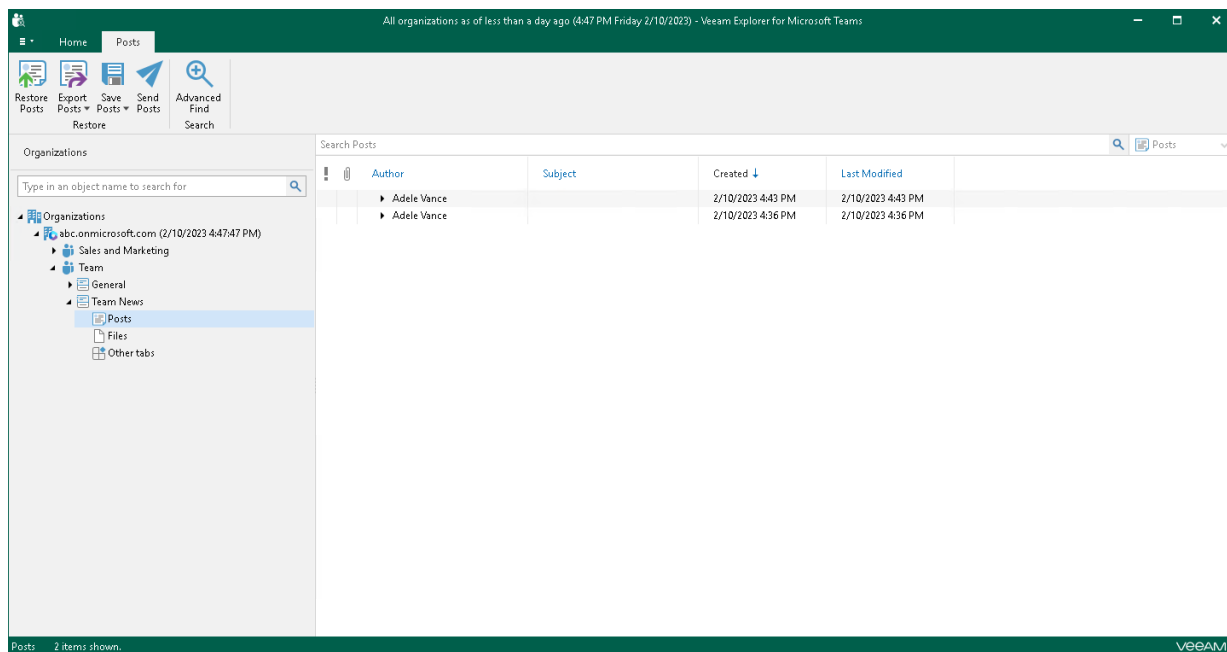


# Browsing Backup Content

To view the contents of a backup file, you use the navigation pane which displays the database structure containing your Microsoft Teams objects: teams, channels and channel tabs. Veeam Explorer for Microsoft Teams groups channel tabs in the following nodes of the navigation pane:

- **Posts.** Contains the *Posts* tab of the channel.
- **Files.** Contains the *Files* tab of the channel.
- **Other tabs.** Contains other tabs of the channel that link to sites, documents, applications, and and other objects.

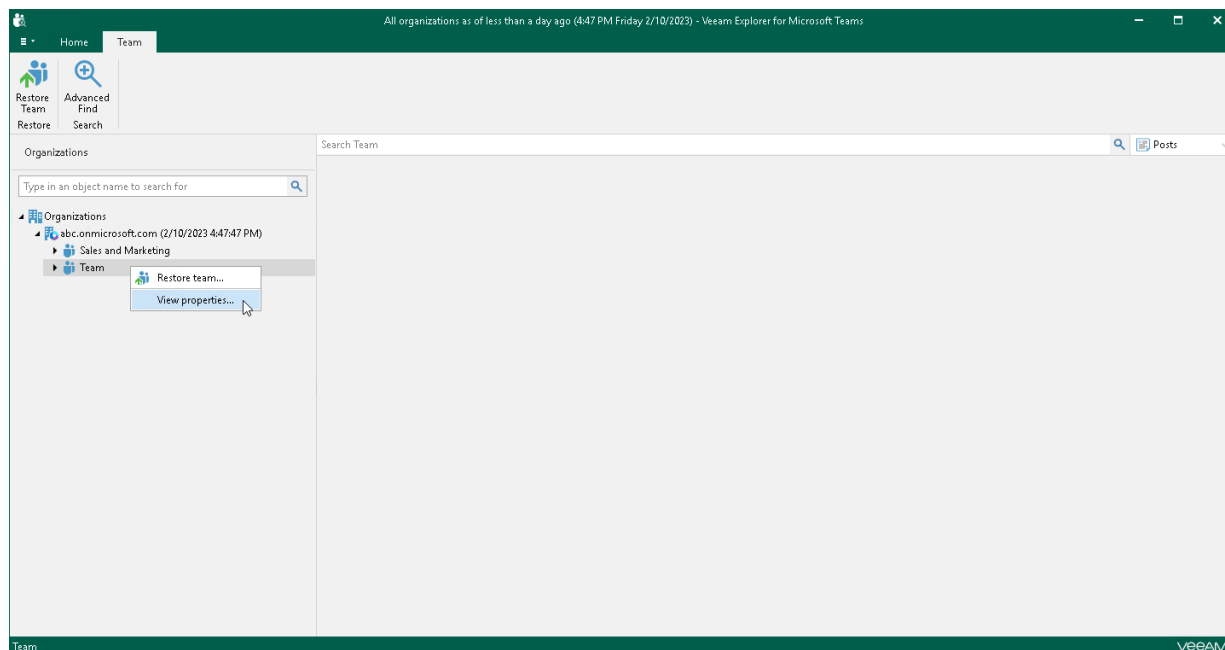
After you select an object in the navigation pane, you can see its content in the preview pane.



# Viewing Team Properties

You can view properties of a backed-up team. This may be useful, for example, in case you want to decide whether to restore team properties during restore of a team.

To view team properties, in the navigation pane, right-click a necessary team and select **View properties**.

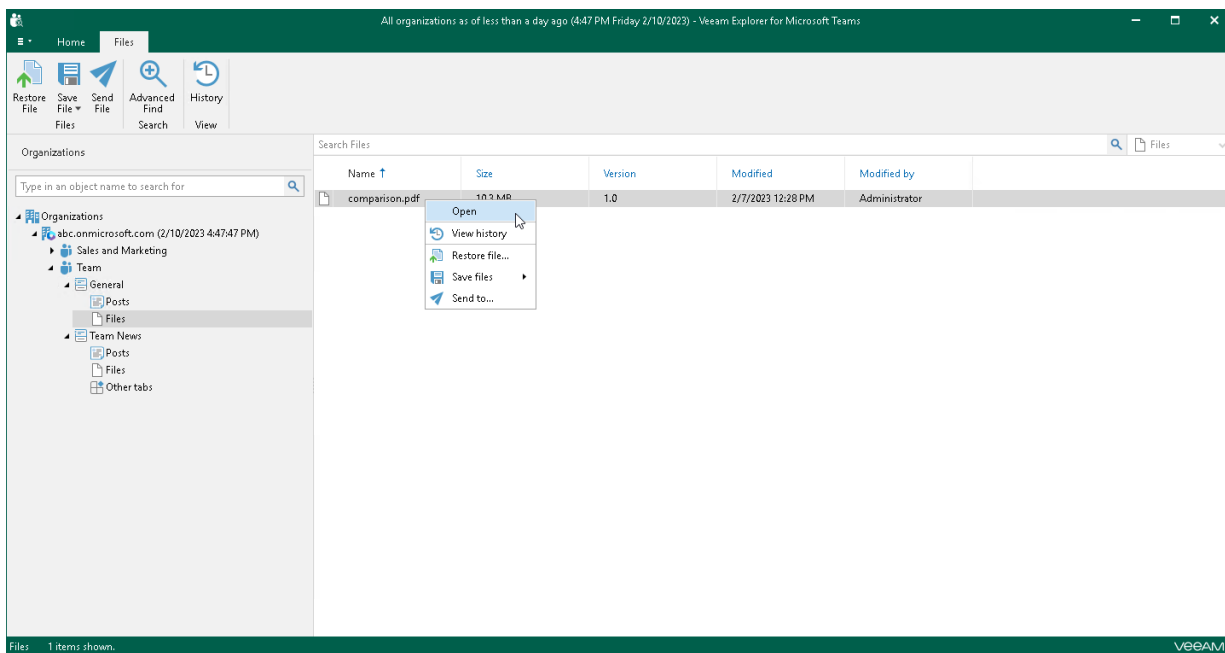


# Opening Posts and Files

You can use Veeam Explorer for Microsoft Teams to open backed-up posts and files.

To open a post or file, do the following:

1. In the navigation pane, browse to the channel whose post or file you want to open and click the necessary node: **Posts** or **Files**.
2. In the preview pane, right-click a post or file and select **Open**.



# Searching for Objects in Backup File

The search mechanism allows you to find items (posts, files and tabs) matching specified search criteria.

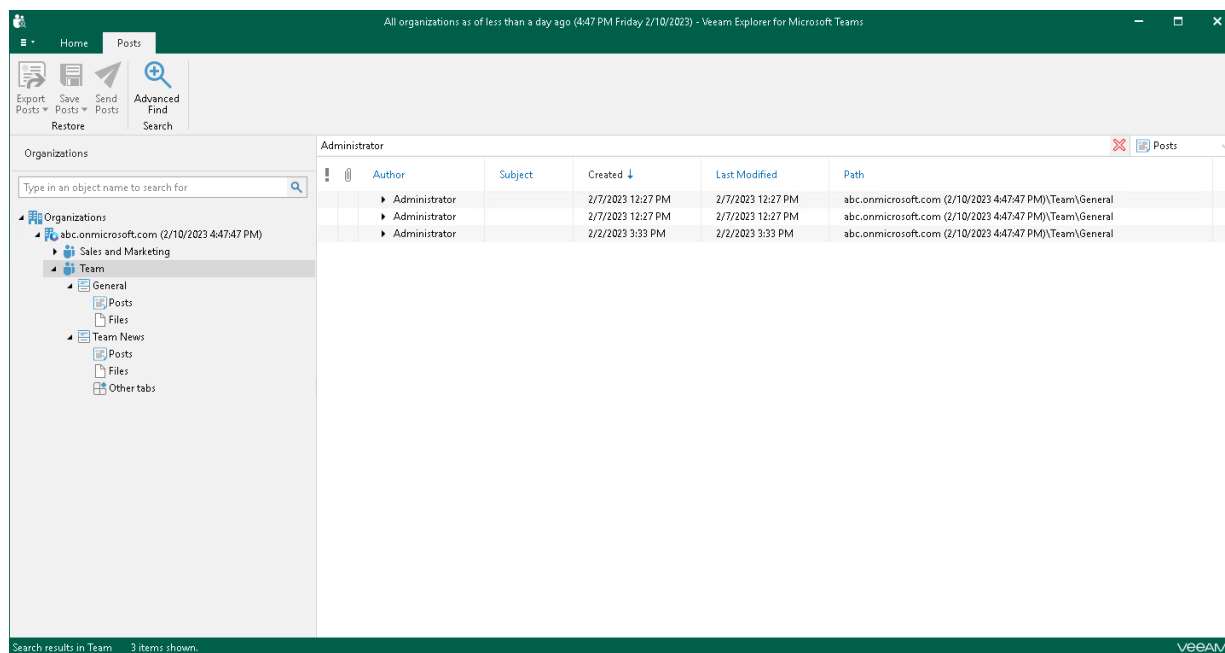
To search for required items, do the following:

1. In the navigation pane, do one of the following:
  - Select a node that contains an item you want to find: **Posts**, **Files** or **Other tabs**.
  - Select a team or channel whose items you want to find. Then, from the drop-down list next to the search field, select what type of items you want to find: *Files*, *Posts* or *Other tabs*.
2. Enter a search query in the search field.

## NOTE

To find the exact phrase, use double quotes. For example, "*Document*".

You can narrow your search results by specifying various search criteria using the *criteria:value* format. You can also use logical upper-cased operators such as *AND*, *OR* and *NOT* along with wildcard characters such as *\** and *?*.



## Using Advanced Find

The **Advanced Find** mechanism allows you to define your search criteria more precisely.

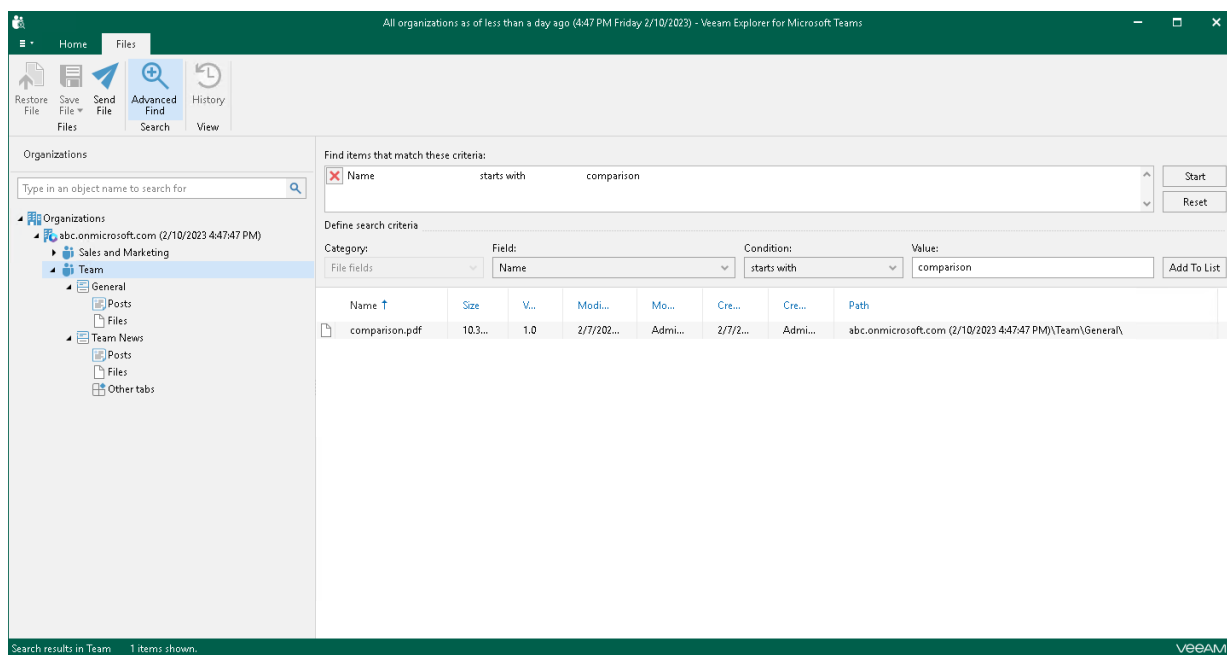
### NOTE

The **Advanced Find** mechanism is supported for posts and files only. The mechanism is not supported for tabs.

For example, to find a file whose name starts with *"word"*, do the following:

1. In the preview pane, select a node and click **Advanced Find** on the ribbon.
2. In the **Define search criteria** section, select **Category > File fields**.
3. In the **Field** list, select **Name**.
4. In the **Condition** list, select **starts with**.
5. In the **Value** field, specify a file name.
6. Click **Add to List** and then click **Start**.

To remove a filter, click the cross mark next to it. To remove all configured filters, click **Reset**.



# General Application Settings

You can configure general settings for Veeam Explorer for Microsoft Teams.

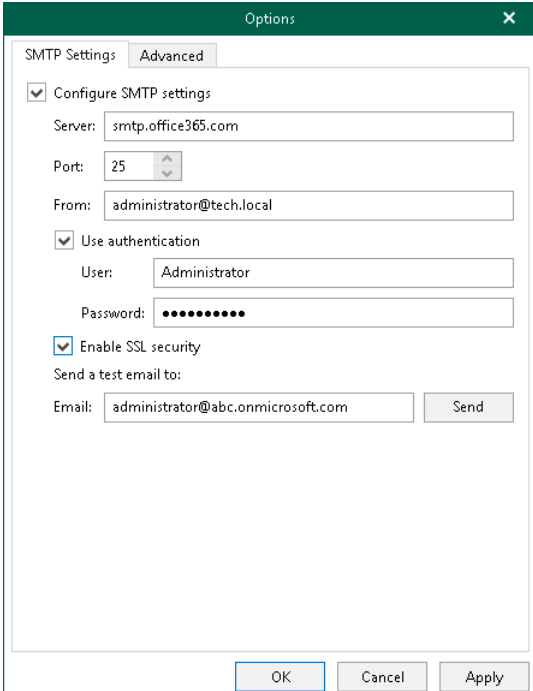
# SMTP Settings

To send Microsoft Teams items as attachments, you must configure SMTP server settings.

To configure SMTP settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **SMTP Settings** tab.
3. Select the **Configure SMTP settings** check box and do the following:
  - a. In the **Server** field, specify a DNS name or IP address of the SMTP server.
  - b. In the **Port** field, specify a port number of the specified SMTP server.

The default port number is 25. If you want to use SSL data encryption, specify port 587.
  - c. In the **From** field, specify the sender email address. This address will appear in the **From** field when sending Microsoft Teams posts or files. For more information, see [Sending Posts and Files](#).
  - d. If the specified SMTP server requires an authentication for outgoing mail, select the **Use authentication** check box and provide valid credentials.
  - e. Select the **Enable SSL security** check box to enable SSL data encryption.
4. Click **Send** to send a test email message.
5. Click **OK**.



The screenshot shows the 'Options' dialog box with the 'SMTP Settings' tab selected. The 'Advanced' sub-tab is active. The 'Configure SMTP settings' checkbox is checked. The 'Server' field contains 'smtp.office365.com'. The 'Port' field is set to 25. The 'From' field contains 'administrator@tech.local'. The 'Use authentication' checkbox is checked, with 'Administrator' in the 'User' field and a masked password in the 'Password' field. The 'Enable SSL security' checkbox is checked. The 'Send a test email to:' section has 'administrator@abc.onmicrosoft.com' in the 'Email' field. At the bottom are 'OK', 'Cancel', and 'Apply' buttons.

Field	Value
Server	smtp.office365.com
Port	25
From	administrator@tech.local
User	Administrator
Password	••••••••
Test Email To	administrator@abc.onmicrosoft.com

# Advanced Settings

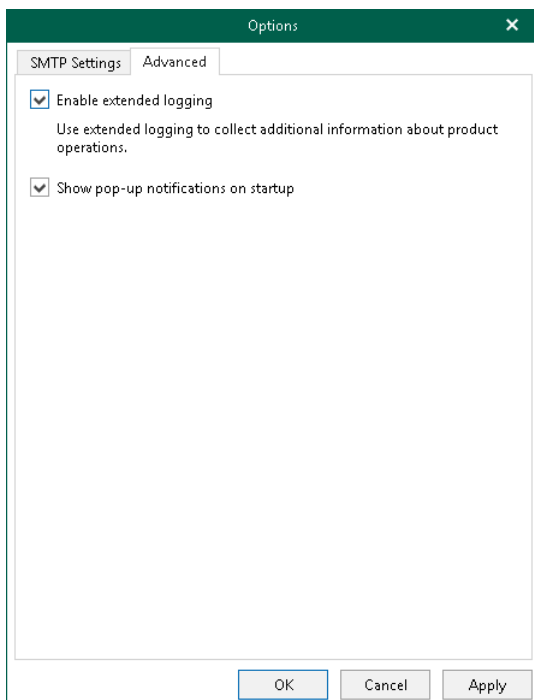
Veeam Explorer for Microsoft Teams allows you to configure advanced settings such as extended logging mode and pop-up notifications.

To configure advanced settings, do the following:

1. In the main menu, click **General Options**.
2. Open the **Advanced** tab.
3. If you want to enable extended logging mode to collect logs that contain additional information on specific operations, select the **Enable extended logging** check box.

After enabling extended logging mode, you can go back to the application and perform actions for which you want to collect additional information. Then you can collect logs.

4. By default, Veeam Explorer for Microsoft Teams displays notifications when loading backups created by Veeam Backup for Microsoft 365 from object storage. If you want to disable these notifications, clear the **Show pop-up notifications on startup** check box.
5. Click **OK**.





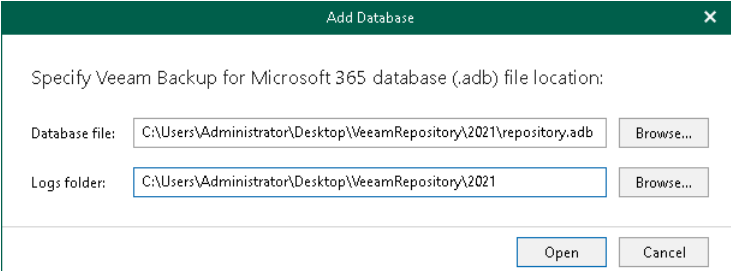
# Standalone Databases

You can add standalone databases to the Veeam Explorer for Microsoft Teams scope and connect to a Veeam Backup for Microsoft 365 server and service provider server to view backups located on these servers.

# Adding Veeam Backup for Microsoft 365 Databases

To manually add databases that store Microsoft 365 organization data, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Org > Veeam Backup for Microsoft 365 database** on the ribbon.
  - Right-click the **Organizations** node and select **Veeam Backup for Microsoft 365 database**.
2. Specify the database file location and log directory.
3. Click **Open**.



Specify Veeam Backup for Microsoft 365 database (.adb) file location:

Database file: C:\Users\Administrator\Desktop\VeeamRepository\2021\repository.adb Browse...

Logs folder: C:\Users\Administrator\Desktop\VeeamRepository\2021 Browse...

Open Cancel

## NOTE

Make sure you have disabled the *Veeam Backup Proxy for Microsoft 365 Service* when adding local databases. You can stop this service by using the `services.msc` console. If you try to add a database having this service still in progress, you will receive an error message and will not be able to access the database due to database lock.

# Adding Veeam Backup for Microsoft 365 Server

You can use Veeam Explorer for Microsoft Teams to connect to another Veeam Backup for Microsoft 365 server and add its databases to the Veeam Explorer for Microsoft Teams scope.

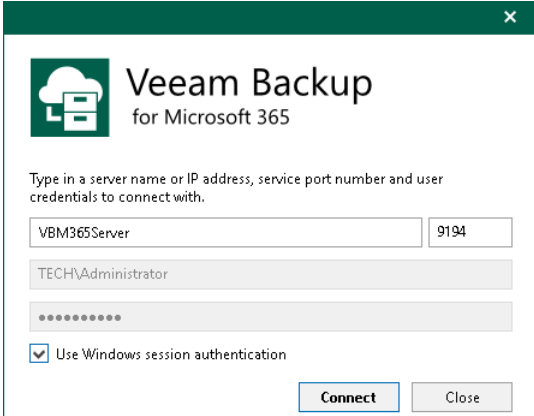
To connect to another Veeam Backup for Microsoft 365 server remotely, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Org > Veeam Backup for Microsoft 365 server** on the ribbon.
  - Right-click the **Organizations** node and select **Veeam Backup for Microsoft 365 server**.

2. Specify a server name or IP address and enter credentials to access the specified server.

Select the **Use Windows session authentication** check box to connect with the user account under which you are currently logged in.

3. Click **Connect**.



The screenshot shows a dialog box titled "Veeam Backup for Microsoft 365". It contains a text prompt: "Type in a server name or IP address, service port number and user credentials to connect with." Below this are three input fields: the first contains "VBM365Server", the second contains "9194", and the third contains "TECH\Administrator". There is a checkbox labeled "Use Windows session authentication" which is checked. At the bottom right are "Connect" and "Close" buttons.

# Adding Veeam Backup for Microsoft 365 Service Provider

In Veeam Explorer for Microsoft Teams, you can connect to a service provider server to add its backups to the application scope and perform a restore directly from such backups.

## NOTE

Make sure that both Veeam Explorer for Microsoft Teams and Veeam Backup & Replication are installed on the same server and at least one service provider is added to Veeam Backup & Replication. For more information, see the [Connecting to Service Providers](#) section of the Veeam Cloud Connect Guide.

To add Veeam Backup for Microsoft 365 service providers, do the following:

1. Do one of the following:
  - On the **Home** tab, click **Add Org > Veeam Backup for Microsoft 365 service provider** on the ribbon.
  - Right-click the **Organizations** node and select **Veeam Backup for Microsoft 365 service provider**.
2. From the **Select service provider and authentication method** drop-down list, select a service provider that you want to add and select an authentication method that can be either *Modern authentication* or *Basic authentication*.
3. [For *Modern authentication*] Select a region to which a Microsoft 365 organization of the selected service provider belongs.
4. [For *Modern authentication*] Copy the device code and use it to sign in to Azure Active Directory.

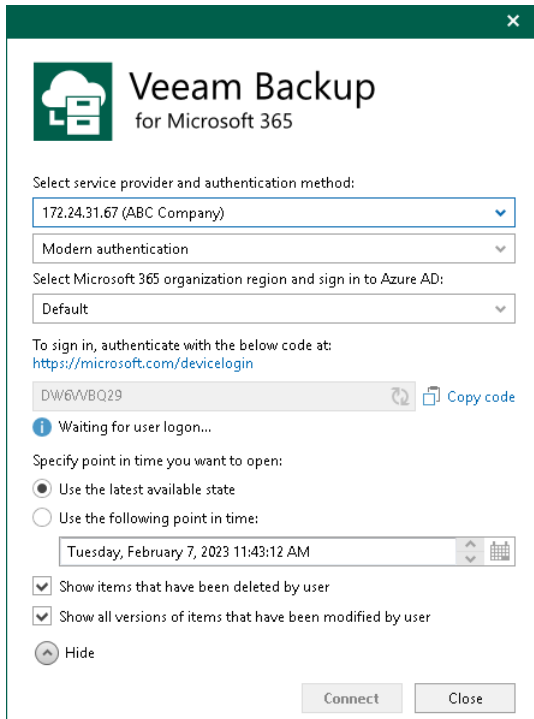
For *Basic authentication*, you must enter a user name and password to connect to the service provider server.

## NOTE

You cannot use *Basic authentication* to load backups if a Microsoft 365 organization has been added to the service provider infrastructure using *Modern authentication*.

5. Select a point-in-time state as of which you want to load Microsoft 365 backups.  
To select a point in time, use the calendar control.
6. Select the **Show items that have been deleted by user** check box to see all the items that were removed.
7. Select the **Show all versions of items that have been modified by user** check box if you want to load modified versions.

8. Click **Connect**.



The image shows a Windows application window titled "Veeam Backup for Microsoft 365". The window has a dark green header bar with a close button (X) in the top right corner. Below the header, there is a Veeam logo (a green square with a white cloud and a server icon) and the text "Veeam Backup for Microsoft 365".

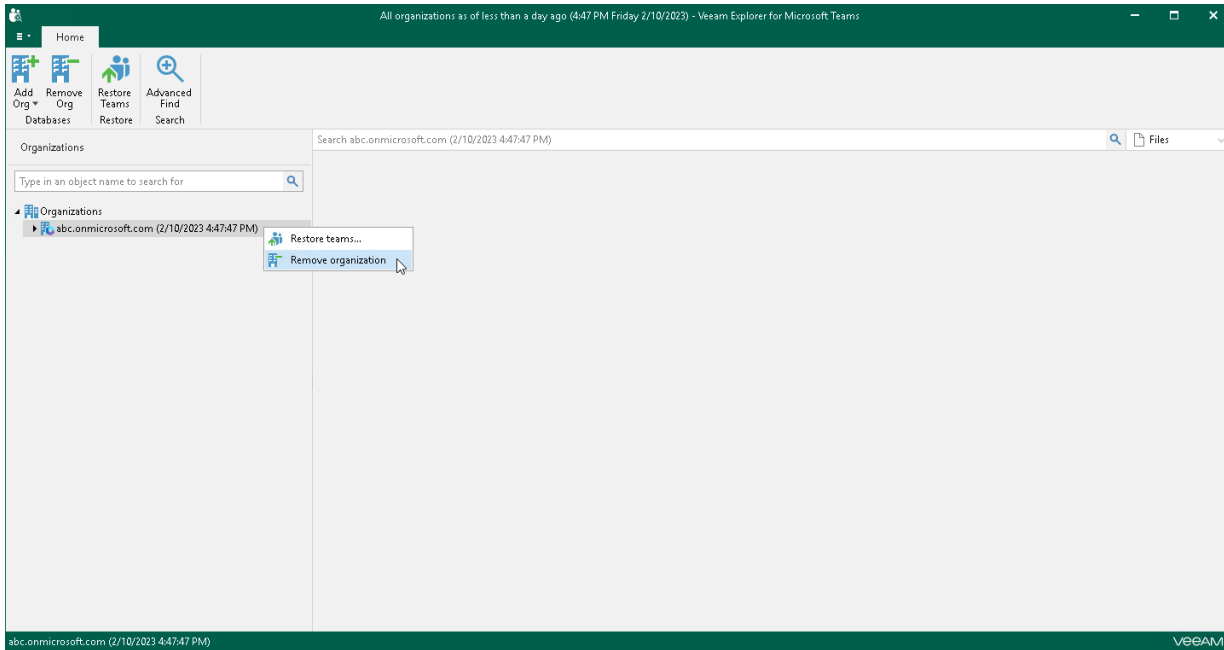
The main content area contains the following elements:

- A label "Select service provider and authentication method:" followed by two dropdown menus. The first dropdown is set to "172.24.31.67 (ABC Company)". The second dropdown is set to "Modern authentication".
- A label "Select Microsoft 365 organization region and sign in to Azure AD:" followed by a dropdown menu set to "Default".
- A text prompt "To sign in, authenticate with the below code at:" followed by a blue hyperlink <https://microsoft.com/devicelogin>.
- A text input field containing the code "DW6VV/BQ29". To the right of the input field is a refresh icon and a "Copy code" button.
- An information icon (i) followed by the text "Waiting for user logon...".
- A label "Specify point in time you want to open:" followed by two radio buttons:
  - ☒ Use the latest available state
  - ☐ Use the following point in time:
- A date and time picker showing "Tuesday, February 7, 2023 11:43:12 AM".
- Two checked checkboxes:
  - ☒ Show items that have been deleted by user
  - ☒ Show all versions of items that have been modified by user
- A "Hide" button with an upward-pointing arrow icon.
- At the bottom right, there are two buttons: "Connect" and "Close".

# Removing Organizations

Veeam Explorer for Microsoft Teams allows you to remove an organization from the application scope when you no longer need it.

To remove an organization from the application scope, right-click an organization in the navigation pane and select **Remove organization**.



# Data Restore

You can use Veeam Explorer for Microsoft Teams to restore Microsoft Teams data to [Microsoft 365](#) organizations.

# Restoring Teams

You can use Veeam Explorer for Microsoft Teams to restore all teams of a Microsoft 365 organization or a specific team of an organization.

## TIP

Before restoring data, make sure to read [Considerations and Limitations](#).

To restore teams, do the following:

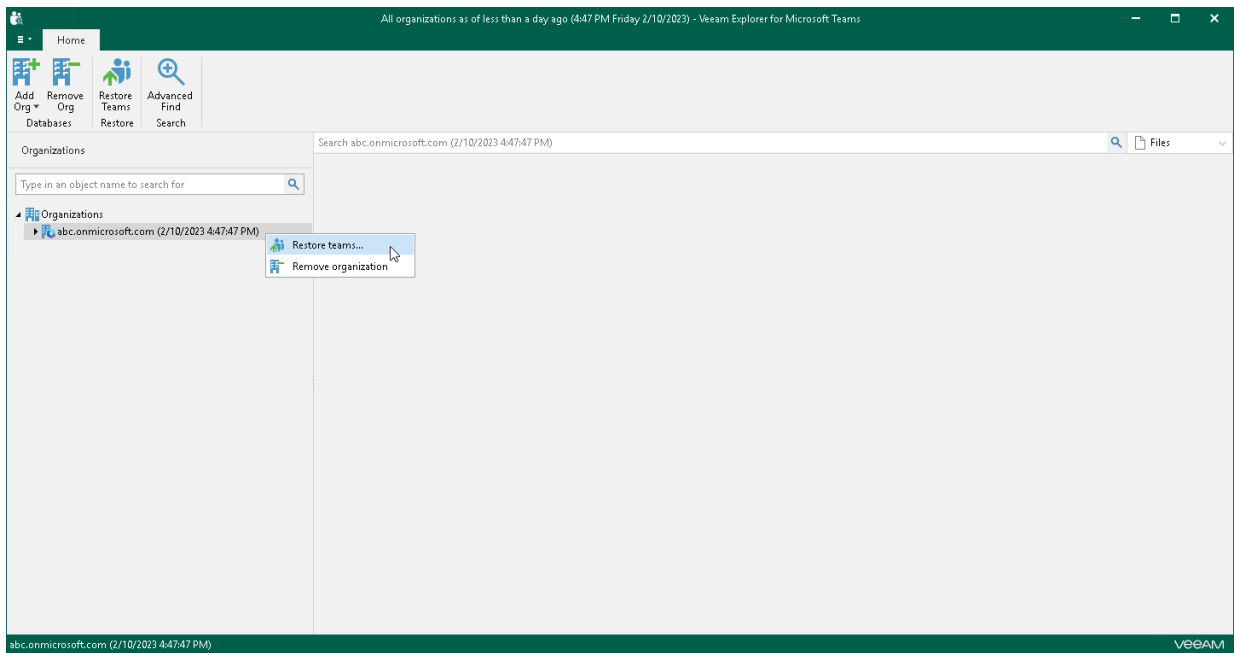
1. [Launch the Restore wizard](#).
2. [Select an authentication method](#).
3. [Log in to Microsoft 365](#).
4. [Select teams to restore](#).
5. [Specify restore options](#).
6. [Select team members to restore](#).



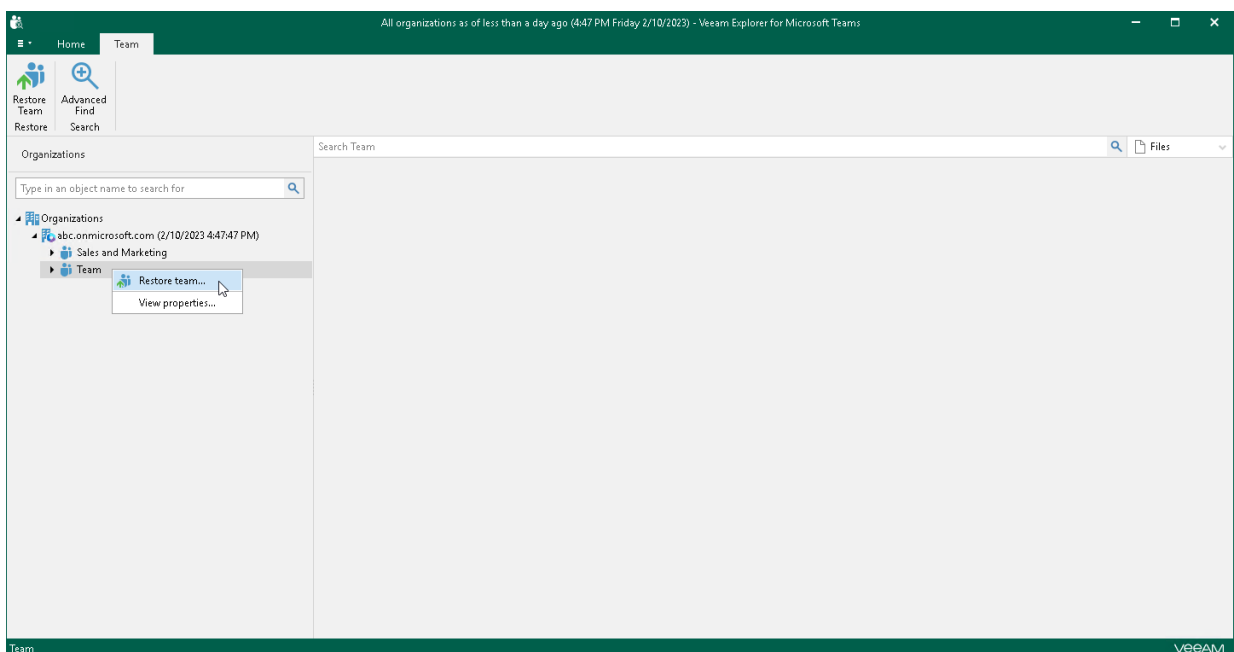
# Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

- If you want to restore multiple teams of a Microsoft 365 organization, in the navigation pane, do one of the following:
  - Select an organization whose teams you want to restore and on the **Home** tab, click **Restore Teams** on the ribbon.
  - Right-click an organization whose teams you want to restore and select **Restore teams**.



- If you want to restore a specific team, in the navigation pane, do one of the following:
  - Select a team that you want to restore and on the **Team** tab, click **Restore Team** on the ribbon.
  - Right-click a team that you want to restore and select **Restore team**.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

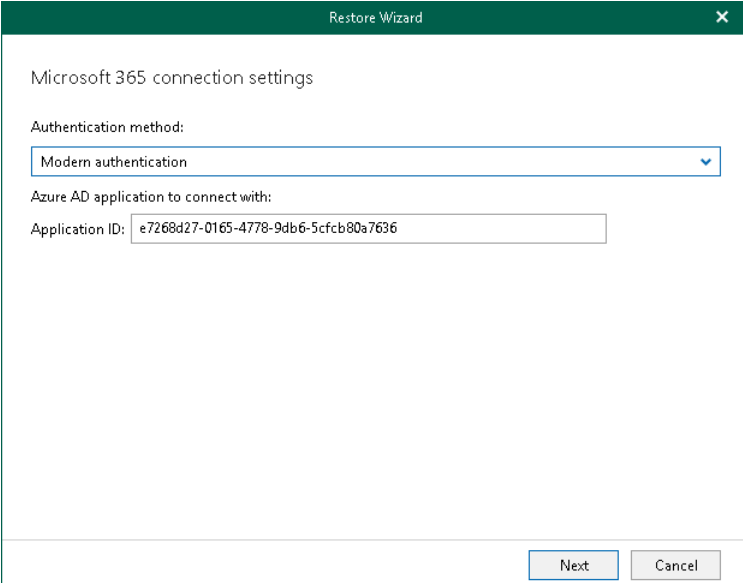
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified team back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Teams populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

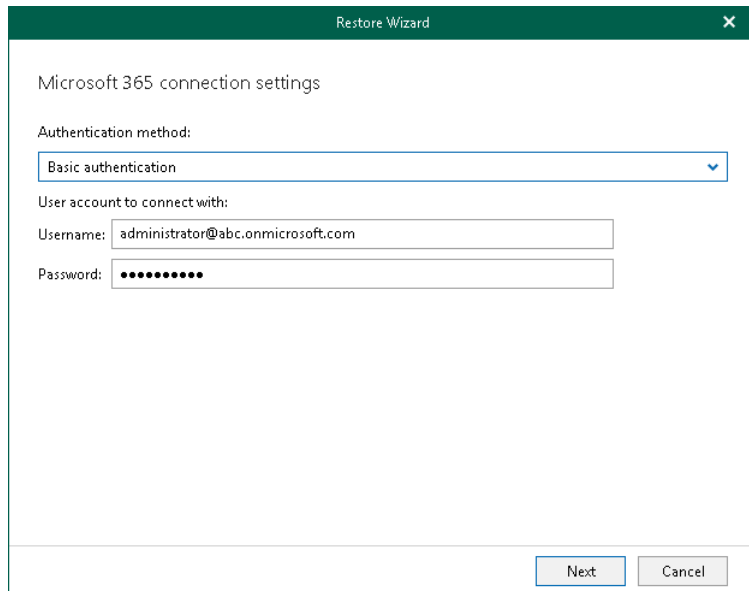


The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there are two sections. The first section is labeled "Authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Azure AD application to connect with:" and contains a text field with the value "e7268d27-0165-4778-9db6-5cfcb80a7636". At the bottom right of the window, there are two buttons: "Next" and "Cancel".

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the Microsoft 365 organization.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there is a section labeled "Authentication method:" followed by a dropdown menu currently displaying "Basic authentication". Underneath, a section labeled "User account to connect with:" contains two input fields. The "Username:" field is populated with "administrator@abc.onmicrosoft.com". The "Password:" field is masked with ten black dots. At the bottom right of the dialog, there are two buttons: "Next" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

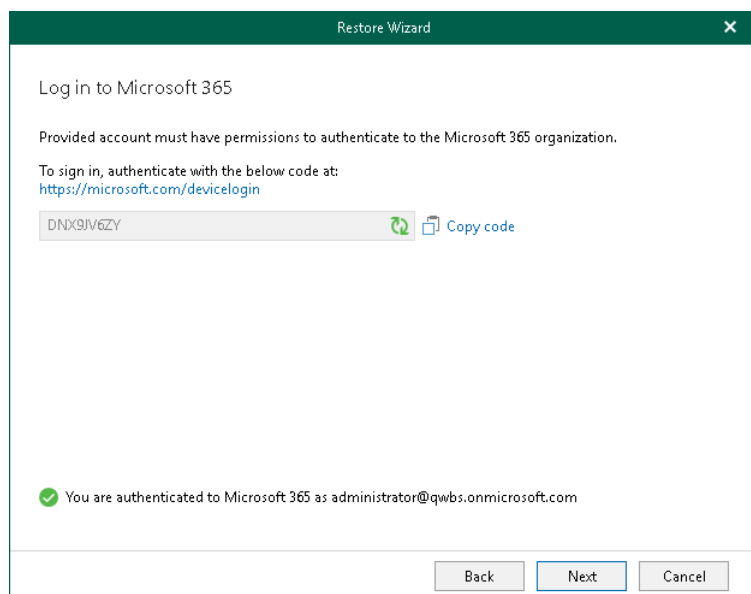
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



# Step 4. Select Teams

This step is only available if you launched the **Restore** wizard to restore multiple teams.

At this step of the wizard, select check boxes next to the teams that you want to restore.

Restore Wizard

Select teams to restore

<input type="checkbox"/> Team ↑	Description
<input type="checkbox"/> Sales and Marketing	Description of Sales and Marketing
<input checked="" type="checkbox"/> Team	Team

1 team selected

Back

Next

Cancel

## Step 5. Specify Restore Options

At this step of the wizard, specify data restore options:

1. Select the **Changed items** check box if you want to restore items that have changed since the time when the backup was created. When you select this option, Veeam Explorer for Microsoft Teams overwrites existing items in the original team.
2. Select the **Missing items** check box if you want to restore items that are missing in the original team. For example, some of the items were removed and you want to restore them from the backup.
3. Select the **Restore team settings** check box if you want to replace the current team settings with team settings from the backup. For information on how to view team settings in the backup, see [Viewing Team Properties](#).

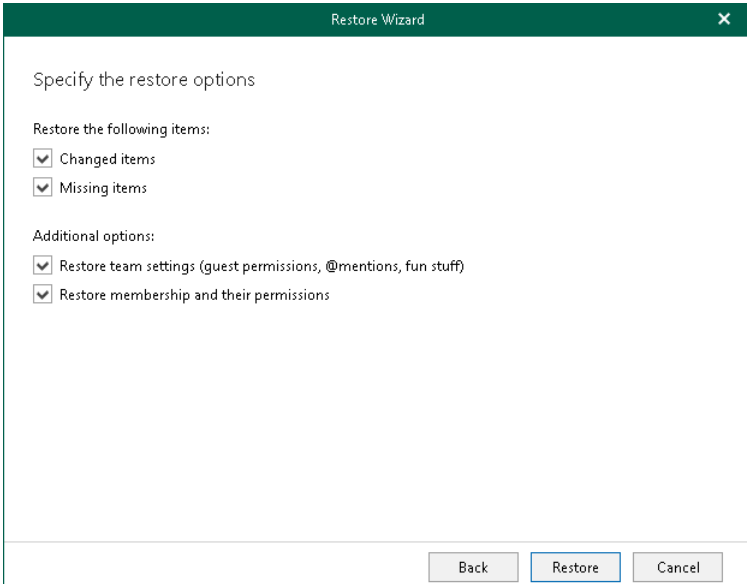
Keep in mind that you cannot select this check box if both the **Changed items** and **Missing items** check boxes are cleared.

4. If you want to restore information about team members and their roles from the backup, make sure that the **Restore membership and their permissions** check box is selected.
  - If you launched the **Restore** wizard to restore a specific team, you will be able to review team members at the [next step](#) of the wizard. Click **Next**.
  - If you launched the **Restore** wizard to restore multiple teams, you cannot review team members. Click **Restore** to start the restore operation.

You cannot proceed to the [next step](#) or start the restore operation, if you clear both the **Changed items** and **Missing items** check boxes.

### TIP

If you clear the **Restore membership and their permissions** check box, you can start the restore operation immediately. To do this, click **Restore**.



The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main content area is titled 'Specify the restore options'. It contains two sections: 'Restore the following items:' and 'Additional options:'. Under 'Restore the following items:', there are two checked checkboxes: 'Changed items' and 'Missing items'. Under 'Additional options:', there are two checked checkboxes: 'Restore team settings (guest permissions, @mentions, fun stuff)' and 'Restore membership and their permissions'. At the bottom of the window, there are three buttons: 'Back', 'Restore' (highlighted with a blue border), and 'Cancel'.

# Step 6. Review Team Members

This step is only available if you launched the **Restore** wizard to restore a specific team and selected the **Restore membership and their permissions** check box at the [previous step](#) of the wizard.

At this step of the wizard, review the list of users whose membership and roles in the team will be restored and click **Restore**.

To quickly find the necessary team members, use the search field at the top of the wizard window.

NOTE

Veeam Explorer for Microsoft Teams does not change roles for team owners during restore. For example, you create a backup of your organization, and then change role for a team member from *Member* to *Owner*. In this case, if you choose to restore this team member from the backup, Veeam Explorer for Microsoft Teams will not set their role to *Member*.

In the opposite case, if a team member role was changed from *Owner* to *Member* after the backup was created, and you choose to restore team membership from the backup, Veeam Explorer for Microsoft Teams will elevate the role to *Owner* during restore.

Restore Wizard

Members to restore

[Type in an object name to search for]

Name ↑	Email	Role
Adele Vance	AdeleV@qwbs.onmicrosoft.com	Member
Administrator	Administrator@qwbs.onmicrosoft.com	Owner
Diego Siciliani	DiegoS@qwbs.onmicrosoft.com	Member
Isaiah Langer	IsaiahL@qwbs.onmicrosoft.com	Member
Johanna Lorenz	JohannaL@qwbs.onmicrosoft.com	Member
Lee Gu	LeeG@qwbs.onmicrosoft.com	Member

Back

Restore

Cancel

# Restoring Channels and Tabs

You can use Veeam Explorer for Microsoft Teams to restore individual channels of a team. You can restore an entire channel or specific tabs of a channel.

To restore channels and tabs, do the following:

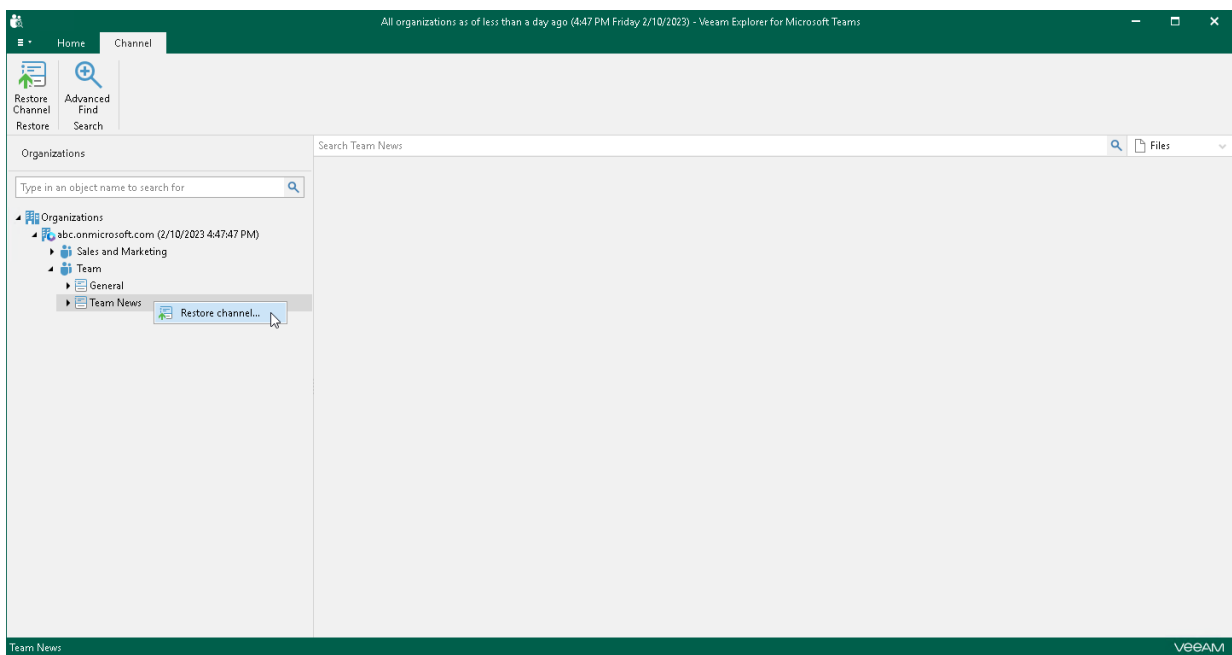
1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Specify restore options.](#)



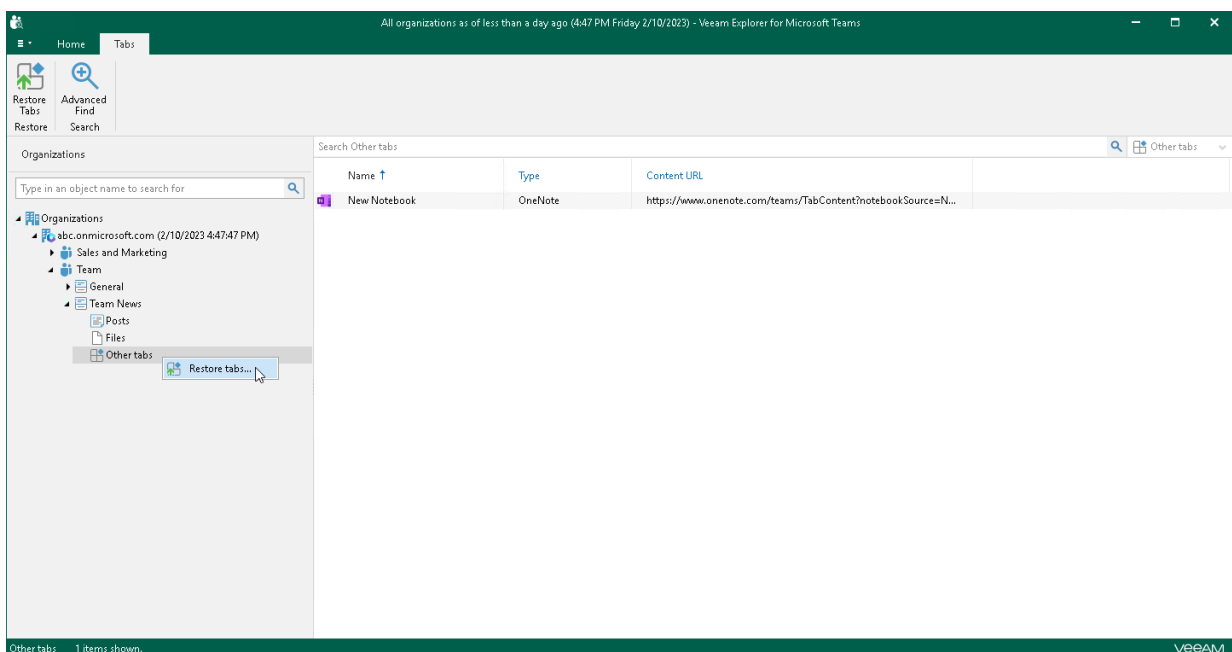
# Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

- If you want to restore a channel, in the navigation pane, do one of the following:
  - Select a channel that you want to restore and on the **Channel** tab, click **Restore Channel** on the ribbon.
  - Right-click a channel that you want to restore and select **Restore channel**.



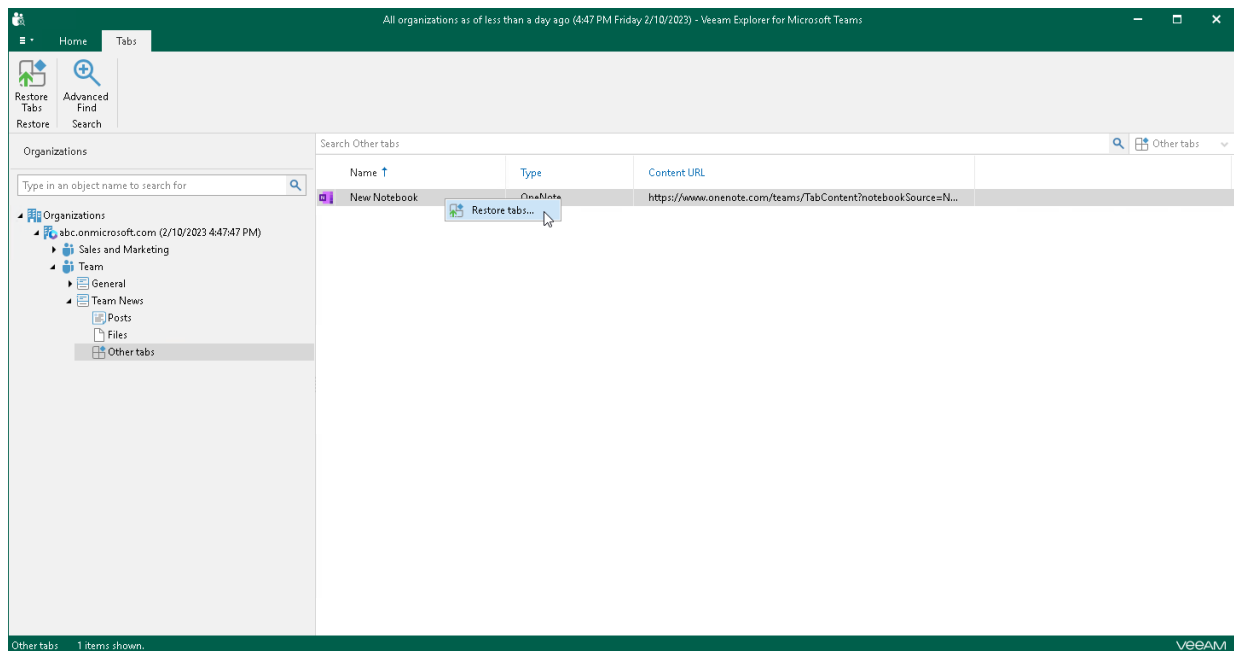
- If you want to restore all tabs of a channel, in the navigation pane, do one of the following:
  - Expand a channel whose tabs you want to restore, select **Other tabs** and on the **Tabs** tab, click **Restore Tabs** on the ribbon.
  - Expand a channel whose tabs you want to restore, right-click **Other tabs** and select **Restore tabs**.



- If you want to restore individual tabs of a channel, do the following:
  - a. In the navigation pane, expand a channel whose tabs you want to restore and select **Other tabs**.
  - b. In the preview pane, select a necessary tab and click **Restore Tabs** on the ribbon or right-click a tab and select **Restore tabs**.

## TIP

To select more than one tab in the preview pane, press and hold the **[CTRL]** key and select the necessary tabs.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

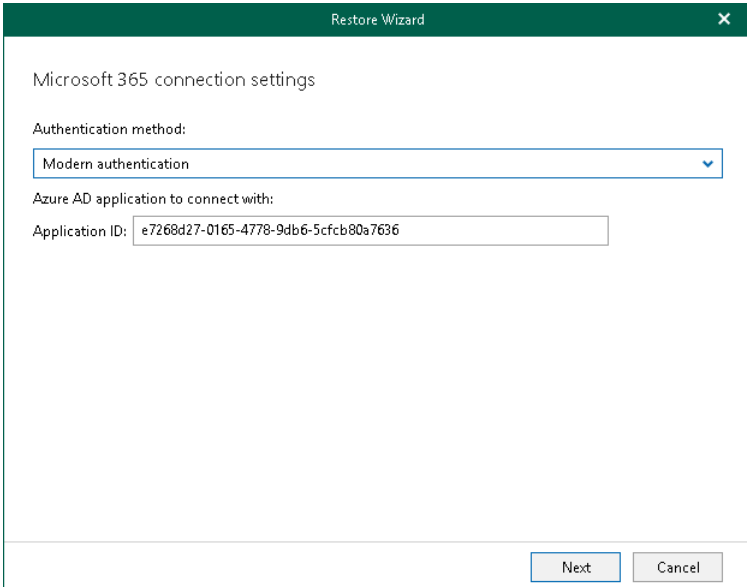
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified team back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Teams populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

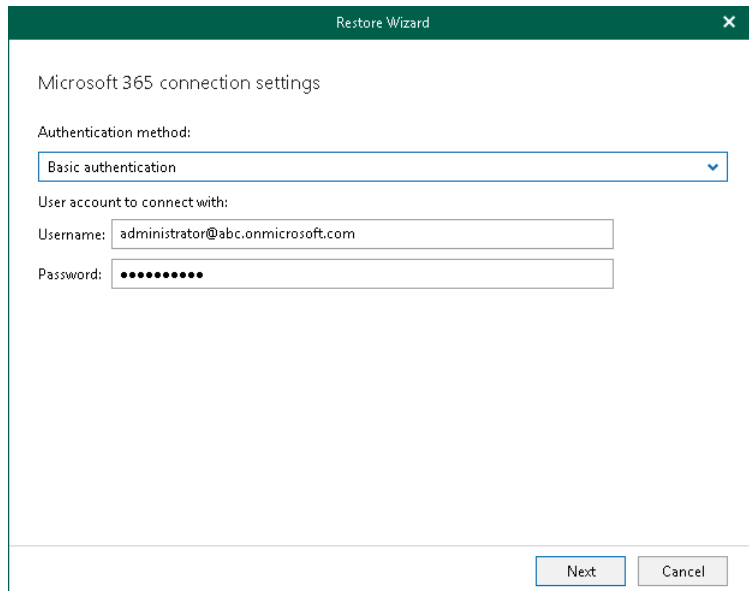


The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there are two sections. The first section is labeled "Authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Azure AD application to connect with:" and contains a text field labeled "Application ID:" with the value "e7268d27-0165-4778-9db6-5cfcb80a7636" entered. At the bottom right of the window, there are two buttons: "Next" and "Cancel".

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the Microsoft 365 organization.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there is a section labeled "Authentication method:" followed by a drop-down menu currently showing "Basic authentication". Underneath, there is a section labeled "User account to connect with:". This section contains two input fields: "Username:" with the text "administrator@abc.onmicrosoft.com" and "Password:" with a masked password represented by ten dots. At the bottom right of the dialog, there are two buttons: "Next" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

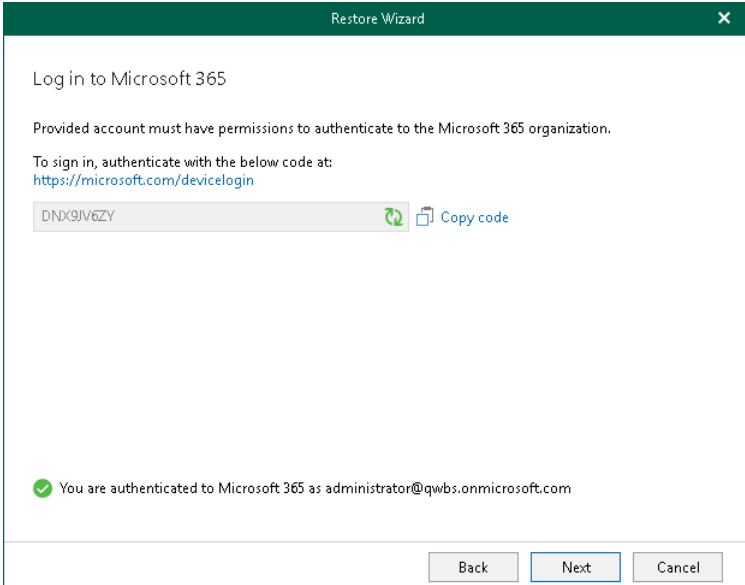
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', and 'To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>'. Below this is a text input field containing the code 'DNX9IV6ZY'. To the right of the input field are two icons: a circular arrow (refresh) and a document icon with the text 'Copy code'. At the bottom of the main content area, there is a green checkmark icon followed by the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. At the very bottom of the window, there are three buttons: 'Back', 'Next' (which is highlighted with a blue border), and 'Cancel'.

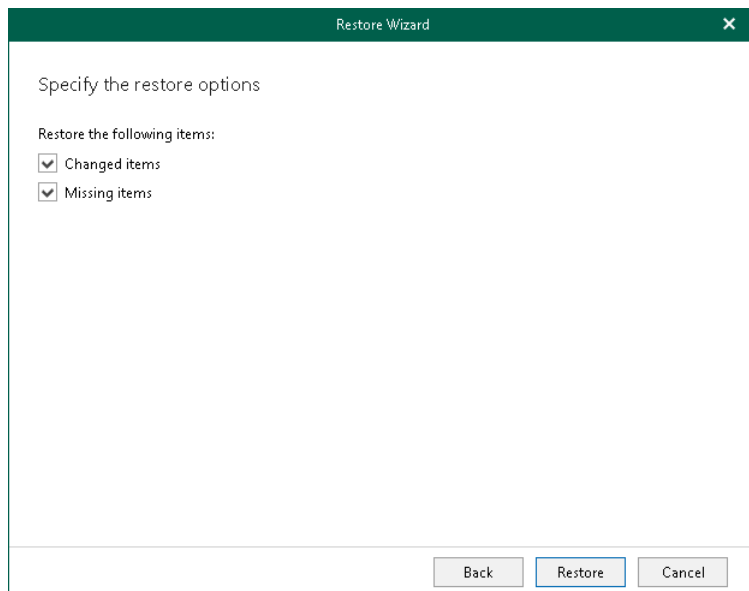
## Step 4. Specify Restore Options

At this step of the wizard, specify data restore options and start the restore operation:

1. Select the **Changed items** check box if you want to restore items that have changed since the time when the backup was created. When you select this option, Veeam Explorer for Microsoft Teams overwrites existing items in your target location.
2. Select the **Missing items** check box if you want to restore items that are missing in the target location. For example, some of the items were removed and you want to restore them from the backup.
3. Click **Restore**.

### NOTE

During restore of a tab, Veeam Explorer for Microsoft Teams restores the name of the tab and a link to an object published on the tab. The object itself, for example, a SharePoint site or document, is not restored from the backup in this scenario. To restore such objects along with tabs, consider restoring an entire team. For more information, see [Restoring Teams](#).



# Restoring Posts

You can use Veeam Explorer for Microsoft Teams to restore posts of a team channel. When you restore posts, you can choose to restore all posts of a channel or restore posts published within a specified time period.

## NOTE

Veeam Backup for Microsoft 365 does not restore posts to their original location in the team channel. Instead, Veeam Backup for Microsoft 365 creates a new tab in the original channel and restores posts to this tab. If you want to restore posts to another channel, use the export operation. For more information, see [Data Export](#).

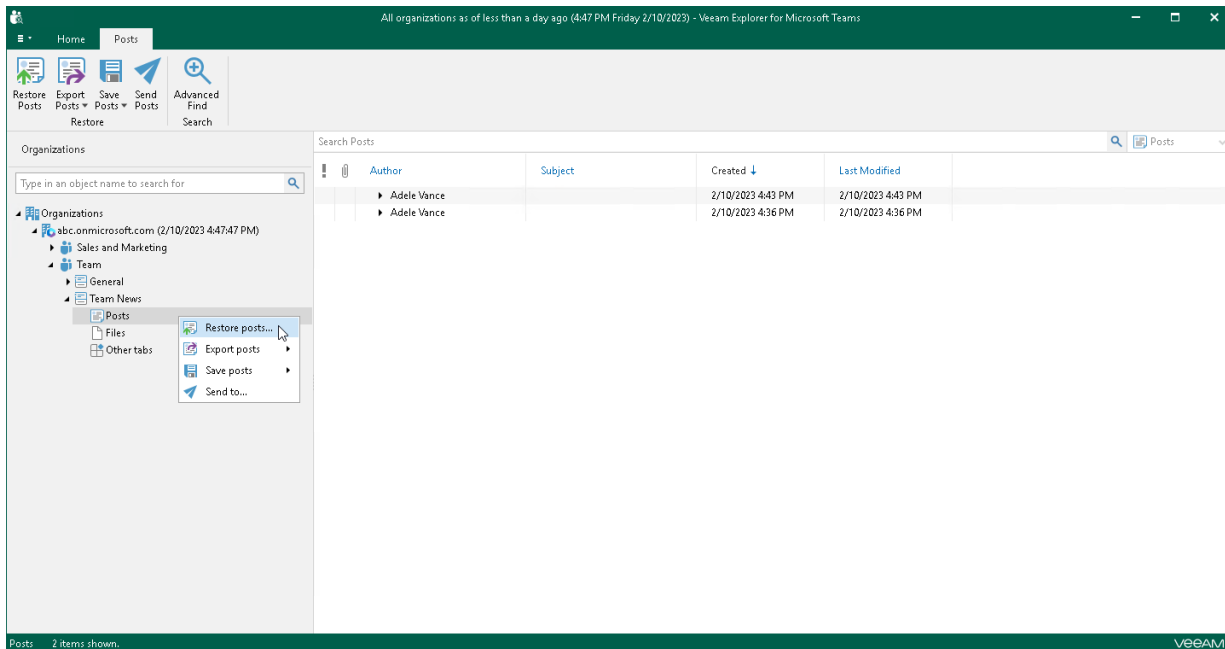
To restore posts, do the following:

1. [Launch the Restore wizard](#).
2. [Select an authentication method](#).
3. [Log in to Microsoft 365](#).
4. [Specify restore options](#).

# Step 1. Launch Restore Wizard

To launch the **Restore** wizard, in the navigation pane, do one of the following:

- Expand a channel whose posts you want to restore, select **Posts** and on the **Posts** tab, click **Restore Posts** on the ribbon.
- Expand a channel whose posts you want to restore, right-click **Posts** and select **Restore posts**.





## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

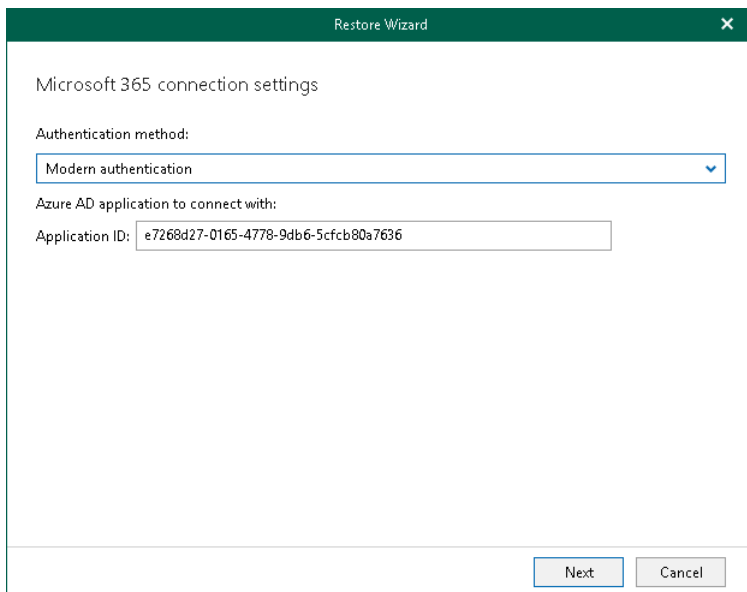
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified team back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Teams populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.

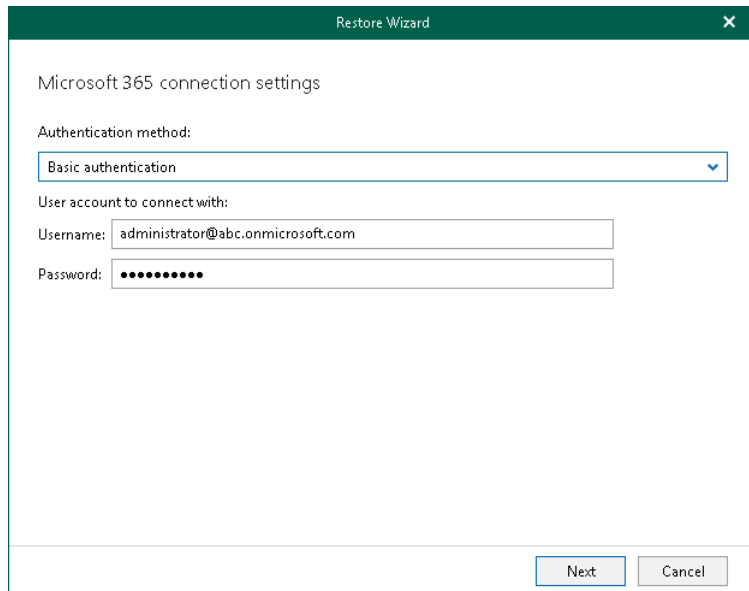


The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there are two sections. The first section is labeled "Authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Azure AD application to connect with:" and contains a text field labeled "Application ID:" with the value "e7268d27-0165-4778-9db6-5cfcb80a7636" entered. At the bottom right of the window, there are two buttons: "Next" and "Cancel".

# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the Microsoft 365 organization.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there is a section labeled "Authentication method:" followed by a drop-down menu currently showing "Basic authentication". Underneath, there is a section labeled "User account to connect with:". This section contains two input fields: "Username:" with the text "administrator@abc.onmicrosoft.com" and "Password:" with a masked password represented by ten dots. At the bottom right of the window, there are two buttons: "Next" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

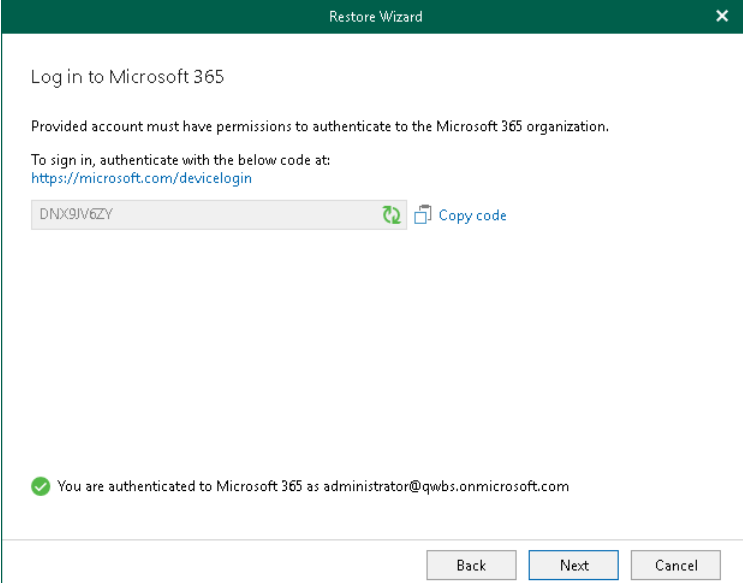
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

4. Return to the **Restore Wizard** window and click **Next**.



The screenshot shows the 'Restore Wizard' window with a dark green title bar. The main content area is white and contains the following text: 'Log in to Microsoft 365', 'Provided account must have permissions to authenticate to the Microsoft 365 organization.', and 'To sign in, authenticate with the below code at: <https://microsoft.com/devicelogin>'. Below this is a text input field containing the code 'DNX9IV6ZY'. To the right of the input field are two icons: a circular arrow (refresh) and a document icon with the text 'Copy code'. At the bottom of the main content area, there is a green checkmark icon followed by the text 'You are authenticated to Microsoft 365 as administrator@qwbs.onmicrosoft.com'. At the very bottom of the window, there are three buttons: 'Back', 'Next' (which is highlighted with a blue border), and 'Cancel'.

## Step 4. Specify Restore Options

At this step of the wizard, select restore options and click **Restore**.

You can select one of the following options:

- **Restore all posts**

Select this option if you want to restore all posts published in the channel.

- **Restore posts for the specified time period**

Select this option if you want to restore posts published in the channel during the specified time period.

If you select this option, in the **From** and **To** fields, specify the dates that define the start and end of the desired time period. Veeam Explorer for Microsoft Teams will restore posts whose last modification date belongs to the specified period.

When you restore posts, Veeam Backup for Microsoft 365 will create a separate tab in the original team channel and restore posts to this tab.

Restore Wizard

Specify the restore options

☐ Restore all posts

☒ Restore posts for the specified time period

From: Friday, February 3, 2023

To: Friday, February 10, 2023

February 2023

Su	Mo	Tu	We	Th	Fr	Sa
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	1	2	3	4
5	6	7	8	9	10	11

Back Restore Cancel

# Restoring Files

You can use Veeam Explorer for Microsoft Teams to restore files of a team channel.

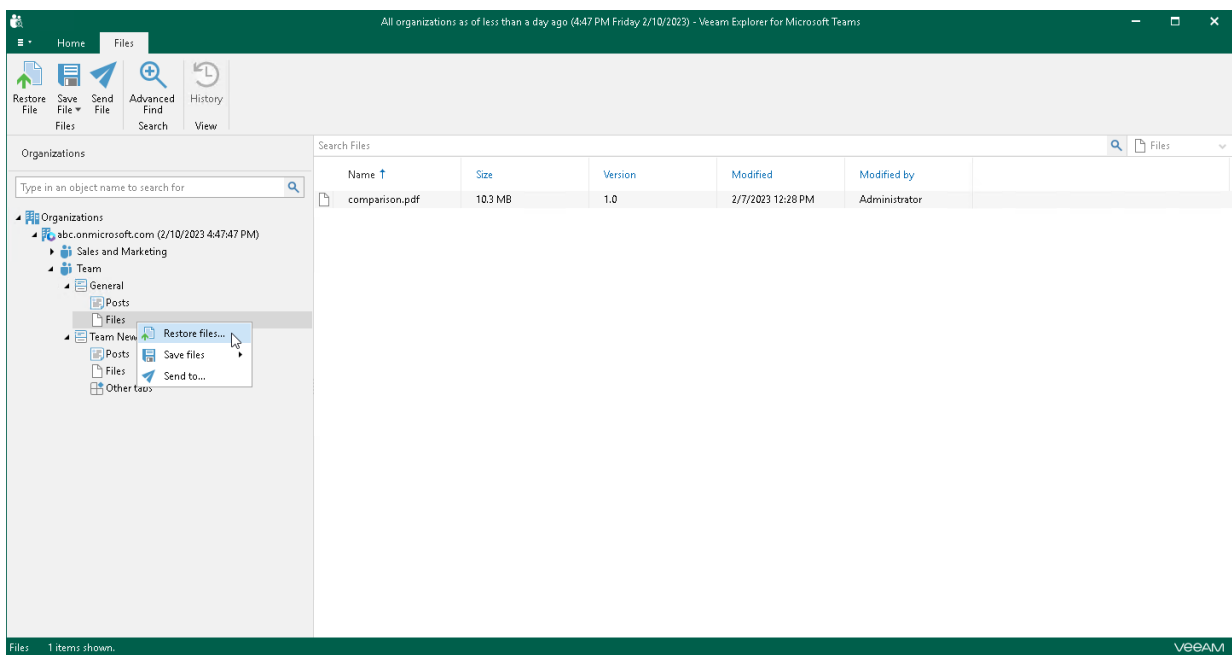
To restore files, do the following:

1. [Launch the Restore wizard.](#)
2. [Select an authentication method.](#)
3. [Log in to Microsoft 365.](#)
4. [Specify restore options.](#)

# Step 1. Launch Restore Wizard

To launch the **Restore** wizard, do the following:

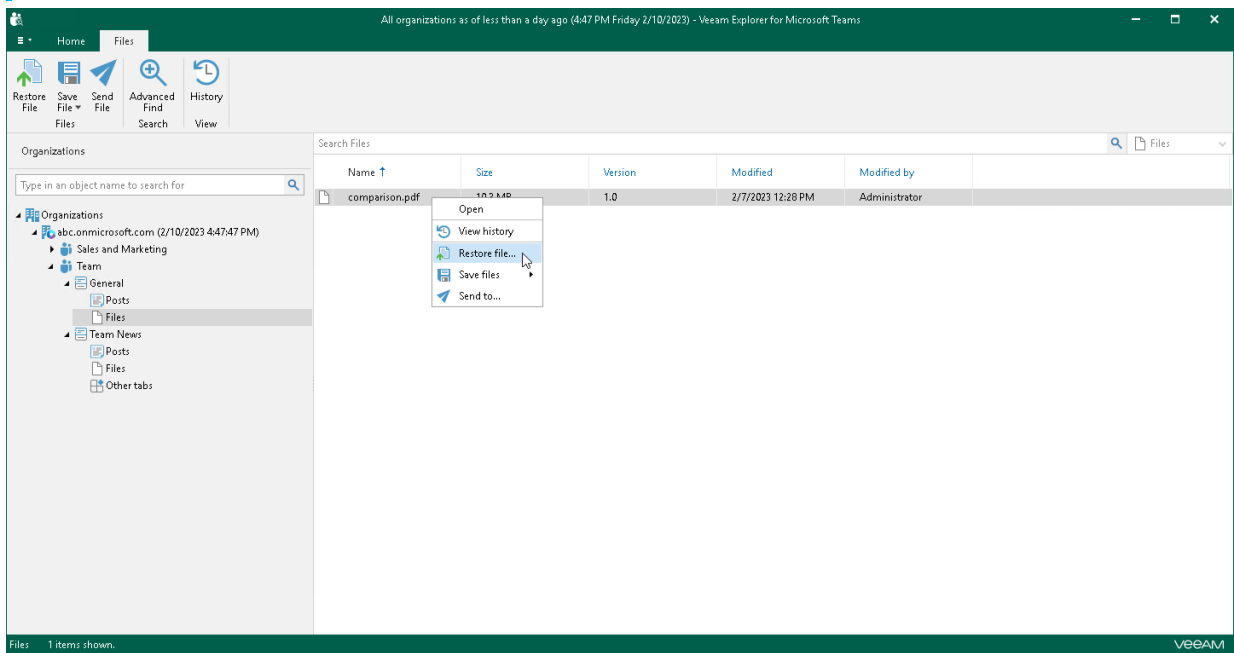
- If you want to restore all files of a channel, in the navigation pane, do one of the following:
  - Expand a channel whose files you want to restore, select **Files** and on the **Files** tab, click **Restore File** on the ribbon.
  - Right-click a channel whose files you want to restore, right-click **Files** and select **Restore files**.



- If you want to restore individual files, do the following:
  - a. In the navigation pane, expand a channel whose files you want to restore and select **Files**.
  - b. In the preview pane, select a necessary file and click **Restore File** on the ribbon or right-click a file and select **Restore file**.

## TIP

To select more than one file in the preview pane, press and hold the **[CTRL]** key and select the necessary files.



## Step 2. Select Authentication Method

At this step of the wizard, select either modern or basic authentication and specify authentication settings.

### Modern Authentication

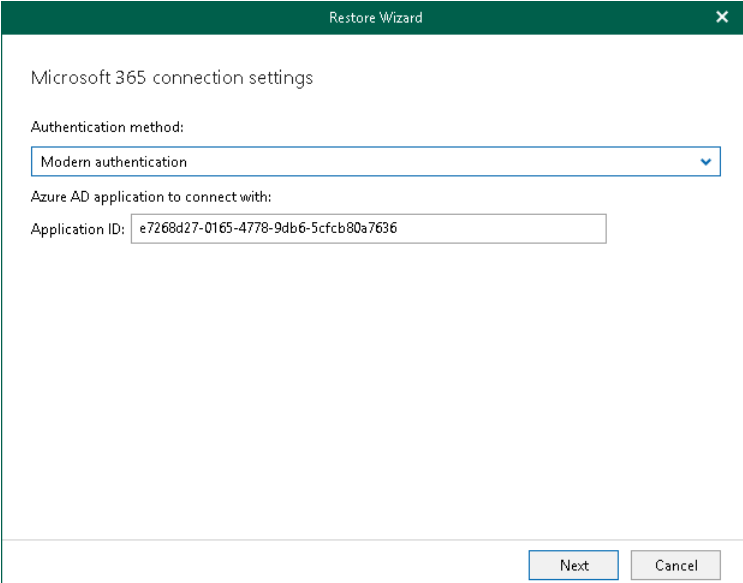
To use modern authentication, do the following:

1. From the **Authentication method** drop-down list, select *Modern authentication*.

This will allow Veeam Backup for Microsoft 365 to use an Azure AD application for data restore. Such an application is used to restore the specified team back to Microsoft 365 organizations with enabled multi-factor authentication (MFA) and enabled or disabled security defaults. For more information, see the [Microsoft 365 Organizations](#) section of the Veeam Backup for Microsoft 365 User Guide.

2. In the **Application ID** field, enter an identification number of the Azure AD application that you want to use for data restore.

By default, Veeam Explorer for Microsoft Teams populates this field with the identification number of the application that was used during a backup session. If you want to use another application, make sure to grant this application required permissions. For more information, see the [Azure AD Application Permissions](#) section of the Veeam Backup for Microsoft 365 User Guide.



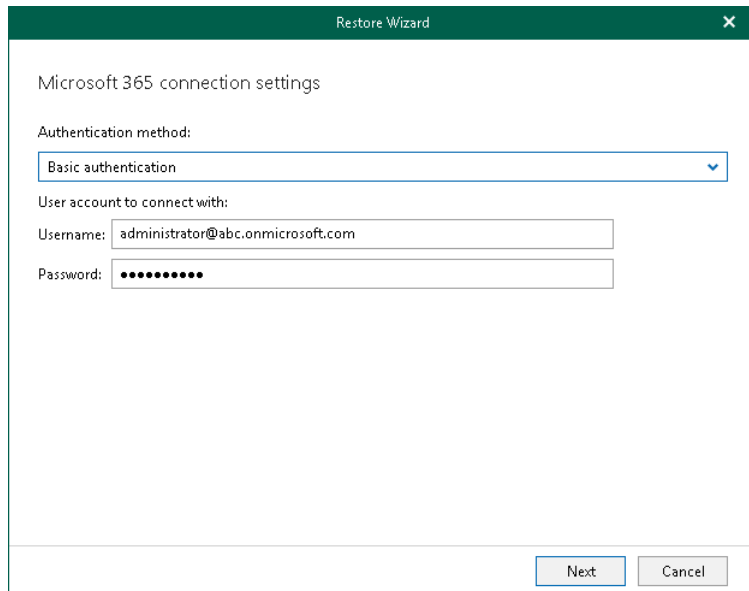
The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there are two sections. The first section is labeled "Authentication method:" and contains a dropdown menu with "Modern authentication" selected. The second section is labeled "Azure AD application to connect with:" and contains a text field labeled "Application ID:" with the value "e7268d27-0165-4778-9db6-5cfcb80a7636" entered. At the bottom right of the window, there are two buttons: "Next" and "Cancel".



# Basic Authentication

To use basic authentication, do the following:

1. From the **Authentication method** drop-down list, select *Basic authentication*.
2. In the **Username** and **Password** fields, enter credentials to connect to the Microsoft 365 organization.



The screenshot shows a window titled "Restore Wizard" with a close button (X) in the top right corner. The main content area is titled "Microsoft 365 connection settings". Below this title, there is a section labeled "Authentication method:" followed by a drop-down menu currently displaying "Basic authentication". Underneath, a section labeled "User account to connect with:" contains two input fields. The "Username:" field is populated with "administrator@abc.onmicrosoft.com". The "Password:" field contains a series of dots, indicating a masked password. At the bottom right of the dialog, there are two buttons: "Next" and "Cancel".

## Step 3. Log In to Microsoft 365

This step is only available if you have selected the *Modern authentication* option at the [previous step](#) of the wizard.

At this step of the wizard, log in to your Microsoft 365 organization.

To log in to the Microsoft 365 organization, do the following:

1. Click **Copy code** to copy an authentication code.

Keep in mind that a code is valid for 15 minutes. You can click **Refresh** to request a new code from Microsoft.

2. Click the Microsoft authentication portal link.

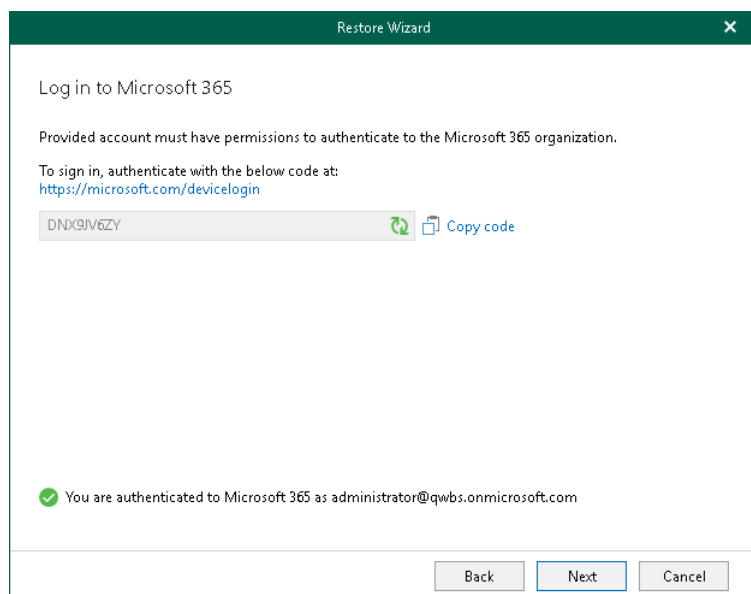
A web browser window opens.

3. On the **Sign in to your account** webpage, paste the code that you have copied and sign in to Microsoft Azure.

Make sure to log in with the user account that has required permissions assigned. For more information, see [Permissions](#).

Make sure that the required settings are specified for the Azure AD application used for restore. For more information, see the [Configuring Azure AD Application Settings](#) section of the Veeam Backup for Microsoft 365 User Guide.

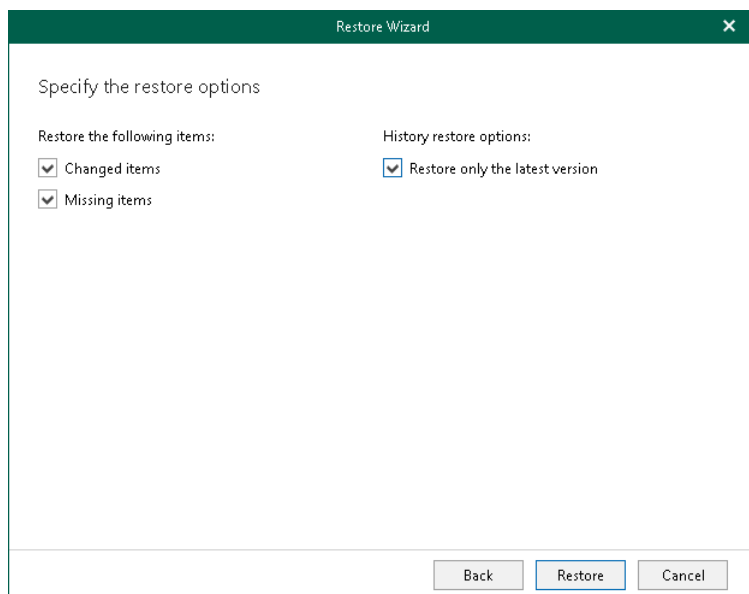
4. Return to the **Restore Wizard** window and click **Next**.



## Step 4. Specify Restore Options

At this step of the wizard, specify data restore options and start the restore operation:

1. Select the **Changed items** check box if you want to restore items that have changed since the time when the backup was created.
2. Select the **Missing items** check box if you want to restore items that are missing in the target location. For example, some of the items were removed and you want to restore them from the backup.
3. By default, Veeam Explorer for Microsoft Teams restores all versions of backed-up files from the backup. If you want to restore only the latest version of a file, select the **Restore only the latest version** check box. If you select this option, Veeam Explorer for Microsoft Teams will merge original files in the production environment with the latest version of the files in the backup.
4. Click **Restore**.



The screenshot shows the 'Restore Wizard' window with the title bar 'Restore Wizard' and a close button. The main area is titled 'Specify the restore options'. It contains two sections: 'Restore the following items:' and 'History restore options:'. Under 'Restore the following items:', there are two checked checkboxes: 'Changed items' and 'Missing items'. Under 'History restore options:', there is one checked checkbox: 'Restore only the latest version'. At the bottom of the window, there are three buttons: 'Back', 'Restore' (which is highlighted with a blue border), and 'Cancel'.

# Data Export

You can use Veeam Explorer for Microsoft Teams to export posts published in a team channel to a file of the HTML format. You can export all posts of a channel, export posts created during a specified time period or export individual posts.

The export operation can be useful, for example, if you want to restore posts of a team channel to another channel. To do this, you can export posts to an HTML file, publish this file in Microsoft SharePoint and publish a link to this file in a custom tab of the necessary channel.

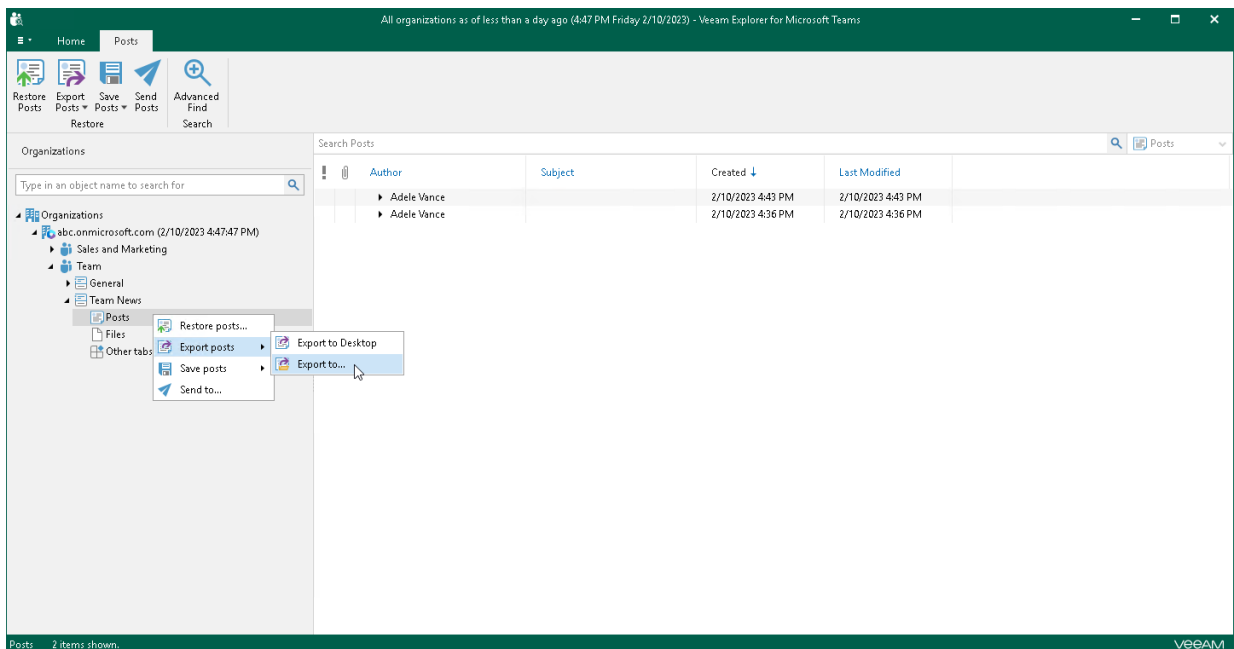
## TIP

Before exporting data, make sure to read [Considerations and Limitations](#).

# Exporting Multiple Posts

To export posts of a channel, do the following:

1. In the navigation pane, expand a channel whose posts you want to export and select **Posts**.
2. Do one of the following:
  - On the **Posts** tab, click **Export Posts** on the ribbon and select how you want to export posts:
    - **Export to Desktop**. Select this option if you want to perform the *1-Click Export* operation. Veeam Explorer for Microsoft Teams will immediately export all posts of the channel to the *Desktop* folder.
    - **Export to**. Select this option if you want to specify what posts to export and where to export posts.
  - Right-click **Posts** and select **Export posts > Export to Desktop** or **Export posts > Export to**.



3. If you selected the **Export to** option at the step 2, in the **Export** wizard, do the following:
  - a. Specify what posts you want to export. You can select from the following options:
    - **Export all posts**. If you select this option, Veeam Explorer for Microsoft Teams will export all posts published in the channel to an HTML file.
    - **Export posts for the specified time period**. If you select this option, you can define a time period when posts that you want to export were created. To do this, specify the start date and end date of the period in the **From** and **To** fields. Veeam Explorer for Microsoft Teams will export posts whose last modification date belongs to the specified period.
  - b. In the **Save as** field, click **Browse** and browse to a folder where you want to save an HTML file with exported posts. By default, Veeam Explorer for Microsoft Teams exports posts to a file with the following name: *<Channel\_name>\_<date\_and\_time>.html*. For example: *Team News\_2023\_02\_10\_18\_51\_38.html*.
  - c. Select the **Open file after export** check box if you want to open the resulting HTML file right after the export operation is completed.

d. Click **Export**.

Export Wizard

Specify the export options

☐ Export all posts

☒ Export posts for the specified time period

From:

To:

Friday, February 3, 2023

Friday, February 10, 2023

Save as:

C:\Users\Administrator\Documents\Team News\_2023\_02\_10\_18\_51\_38.html

Browse

☒ Open file after export

Export

Cancel

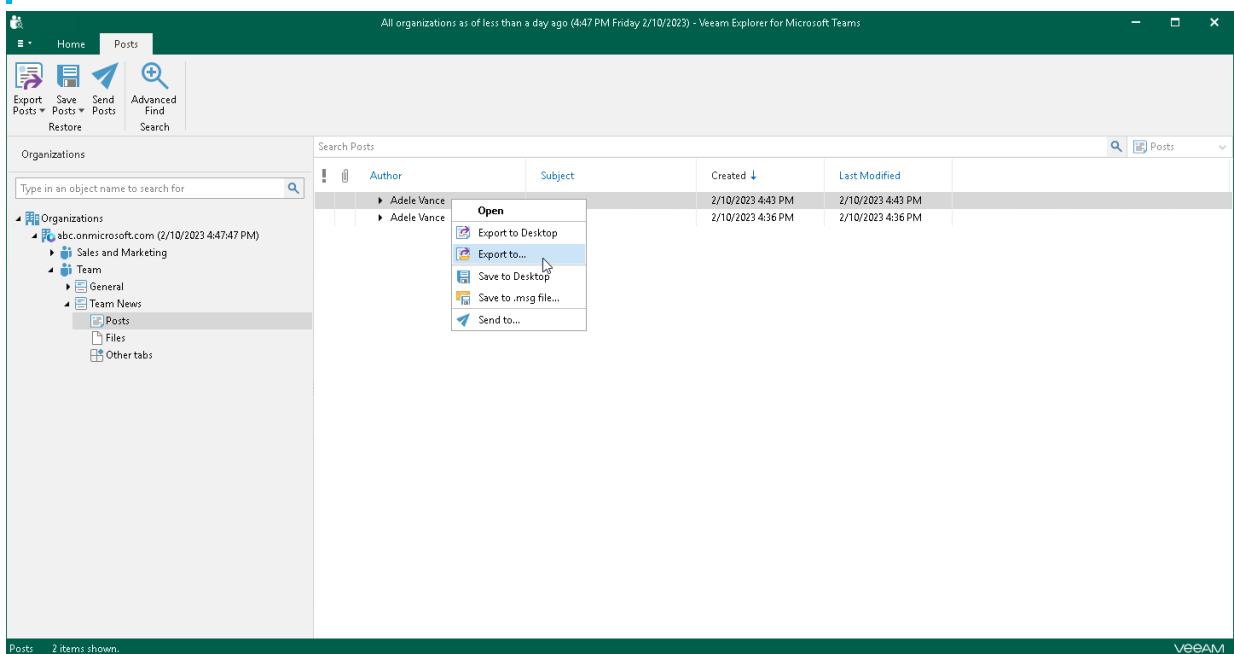
# Exporting Individual Posts

To export a specific post of a channel, do the following:

1. In the navigation pane, expand a channel whose post you want to export and select **Posts**.
2. In the preview pane, do one of the following:
  - Select a necessary post and on the **Posts** tab, click **Export Posts** on the ribbon and select how you want to export the post:
    - **Export to Desktop**. Select this option if you want to perform the *1-Click Export* operation. Veeam Explorer for Microsoft Teams will immediately export the post to the *Desktop* folder.
    - **Export to**. Select this option if you want to export the post to a custom location.
  - Right-click a necessary post and select **Export to Desktop** or **Export to**.

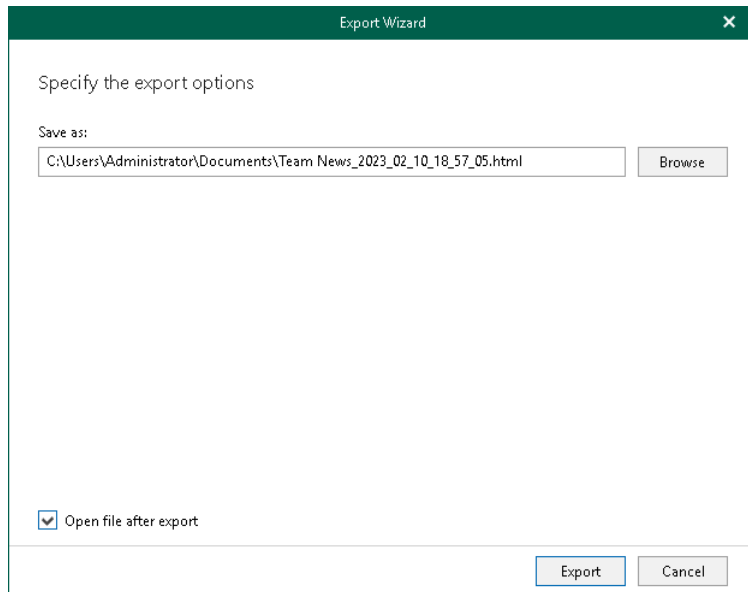
## TIP

To select more than one post in the preview pane, press and hold the **[CTRL]** key and select the necessary posts.



3. If you selected the **Export to** option at the step 2, in the **Export** wizard, do the following:
  - a. In the **Save as** field, click **Browse** and browse to a folder where you want to save an HTML file with exported posts. By default, Veeam Explorer for Microsoft Teams exports posts to a file with the following name: *<Channel\_name>\_<date\_and\_time>.html*. For example: *Team News\_2023\_02\_10\_18\_57\_05.html*.
  - b. Select the **Open file after export** check box if you want to open the resulting HTML file right after the export operation is completed.

c. Click **Export**.



The image shows a screenshot of the 'Export Wizard' dialog box. The title bar is dark green with the text 'Export Wizard' and a close button (X). The main area is white and contains the text 'Specify the export options'. Below this, there is a 'Save as:' label, a text input field containing the file path 'C:\Users\Administrator\Documents\Team News\_2023\_02\_10\_18\_57\_05.html', and a 'Browse' button. At the bottom left, there is a checked checkbox labeled 'Open file after export'. At the bottom right, there are two buttons: 'Export' and 'Cancel'.

Export Wizard

Specify the export options

Save as:

C:\Users\Administrator\Documents\Team News\_2023\_02\_10\_18\_57\_05.html

Browse

☒ Open file after export

Export Cancel



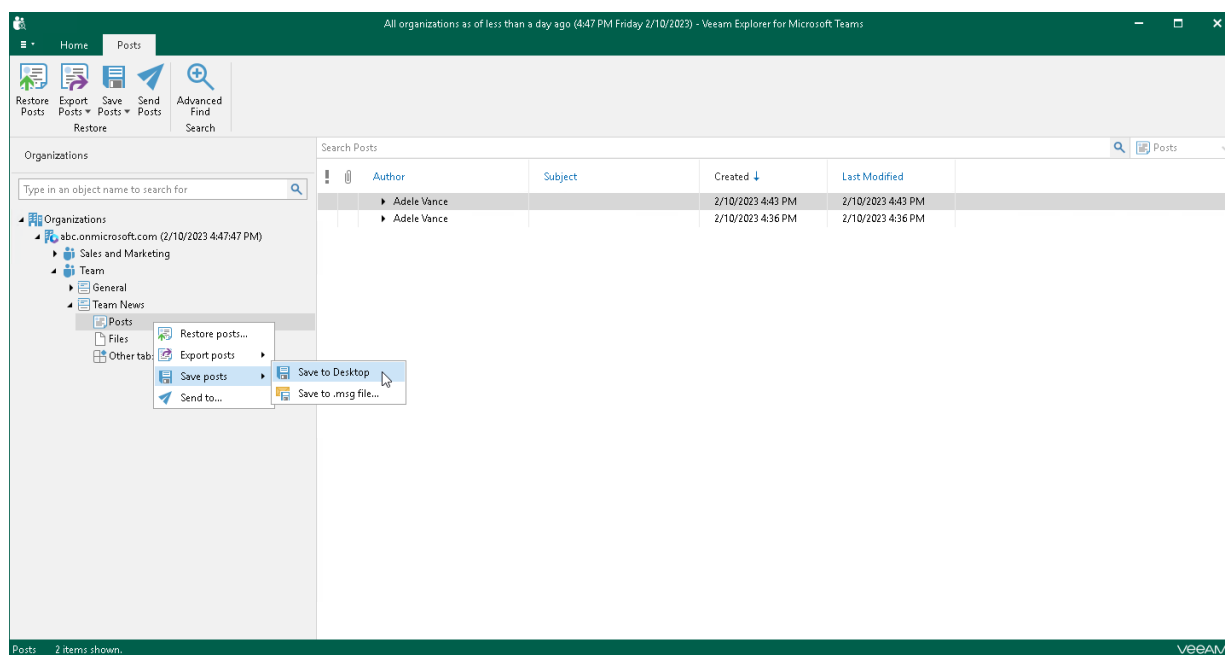
# Saving Posts

You can use Veeam Explorer for Microsoft Teams to save posts published in a team channel as *Microsoft Exchange Mail Document (.msg)* files. You can save all posts of a channel or specific posts. Veeam Explorer for Microsoft Teams saves each post to a separate *.msg* file in the specified location.

## Saving All Posts of Channel

To save posts published in a team channel, do the following:

1. In the navigation pane, expand a channel whose posts you want to save and select **Posts**.
2. Do one of the following:
  - On the **Posts** tab, click **Save Posts** on the ribbon and select where you want to save posts:
    - **Save to <folder\_name>**. Select this option if you want to perform the *1-Click Save* operation. Veeam Explorer for Microsoft Teams will save posts to the latest location that was used when saving posts. If you have not saved posts yet, Veeam Explorer for Microsoft Teams save posts to the *Desktop* folder.
    - **Save to .msg file**. Select this option if you want to save posts to a custom location. To specify a location, in the displayed window, browse to the necessary folder and click **Select Folder**.
  - Right-click **Posts** and select **Save posts > Save to <folder\_name>** or **Save posts > Save to .msg file**.



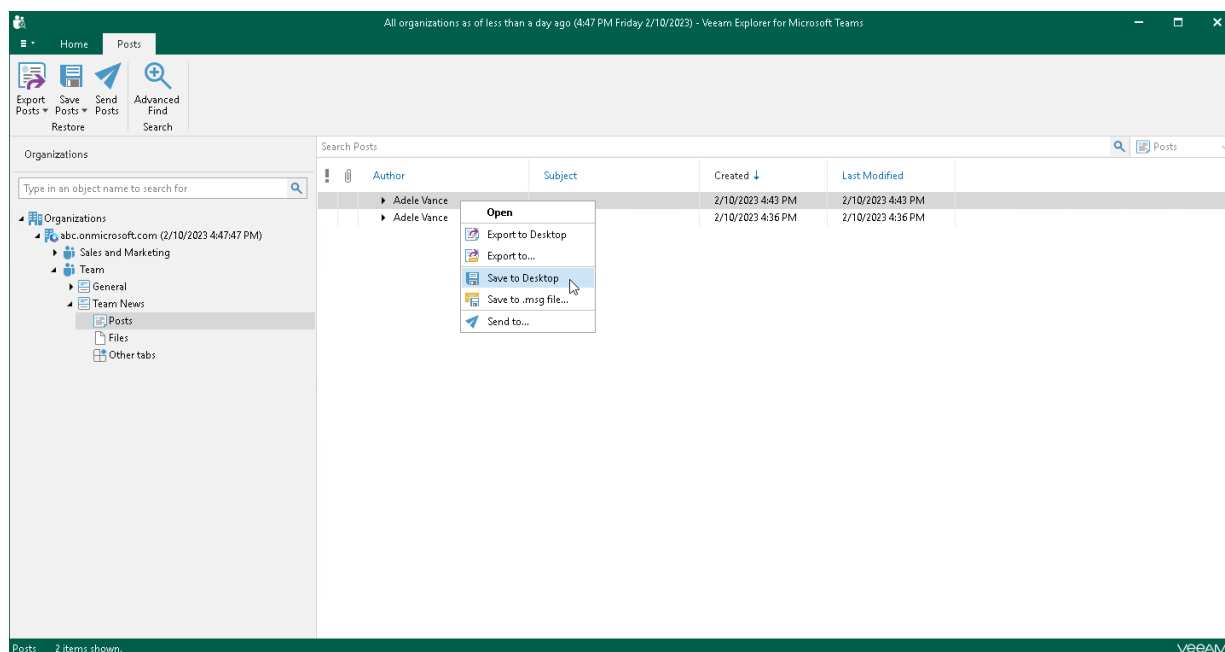
# Saving Individual Posts

To save a specific post published in a team channel, do the following:

1. In the navigation pane, expand a channel whose post you want to save and select **Posts**.
2. In the preview pane, do one of the following:
  - Select a necessary post and on the **Posts** tab, click **Save Posts** on the ribbon and select where you want to save posts:
    - **Save to <folder\_name>**. Select this option if you want to perform the *1-Click Save* operation. Veeam Explorer for Microsoft Teams will save posts to the latest location that was used when saving posts. If you have not saved posts yet, Veeam Explorer for Microsoft Teams save posts to the *Desktop* folder.
    - **Save to .msg file**. Select this option if you want to save posts to a custom location. To specify a location, in the displayed window, browse to the necessary folder and click **Select Folder**.
  - Right-click a necessary post and select **Save to <folder\_name>** or **Save to .msg file**.

## TIP

To select more than one post in the preview pane, press and hold the [CTRL] key and select the necessary posts.



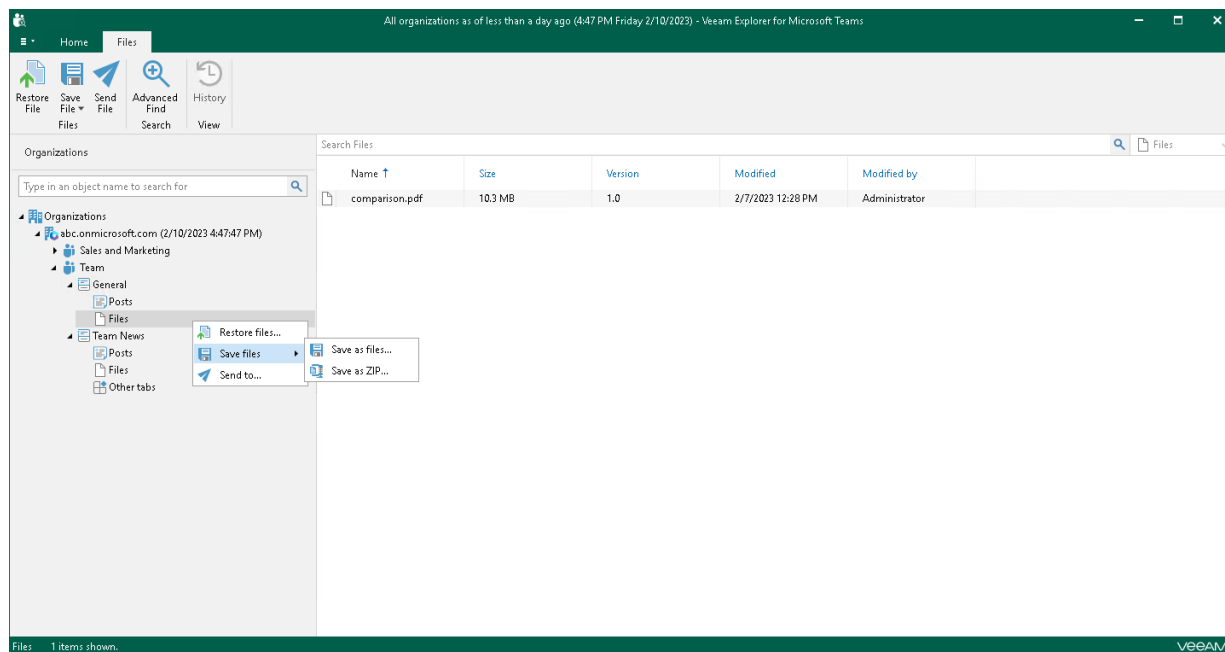
# Saving Files

You can use Veeam Explorer for Microsoft Teams to save files published in a team channel to a specified location. You can save all files of a channel or specific posts.

## Saving All Files of Channel

To save files published in a team channel, do the following:

1. In the navigation pane, expand a channel whose files you want to save and select **Files**.
2. Do one of the following:
  - On the **Files** tab, click **Save File** on the ribbon and select how you want to save files:
    - **Save as files.** Select this option if you want to save each file separately to a specified location. To specify a location, in the displayed window, browse to the necessary folder and click **Select Folder**.
    - **Save as ZIP.** Select this option if you want to add saved files to a ZIP archive and save the resulting archive to a specified location. To specify a location, in the displayed window, browse to the necessary folder and click **Save**. Veeam Explorer for Microsoft Teams will save files to an archive with the *<channel\_name>.zip* name.
  - Right-click **Files** and select **Save files > Save as files** or **Save files > Save as ZIP**.



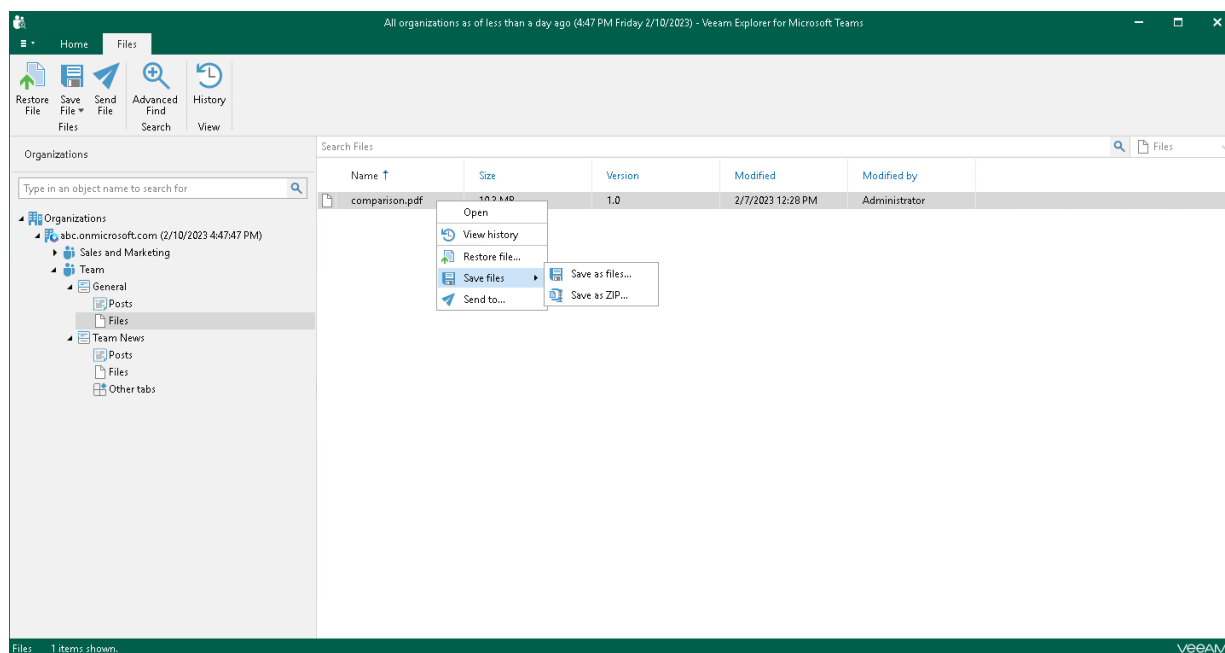
# Saving Individual Files

To save a specific file published in a team channel, do the following:

1. In the navigation pane, expand a channel whose files you want to save and select **Files**.
2. In the preview pane, do one of the following:
  - Select a necessary file and on the **Files** tab, click **Save File** on the ribbon and select how you want to save files:
    - **Save as files.** Select this option if you want to save each file separately to a specified location. To specify a location, in the displayed window, browse to the necessary folder and click **Select Folder**.
    - **Save as ZIP.** Select this option if you want to add saved files to a ZIP archive and save the resulting archive to a specified location. To specify a location, in the displayed window, browse to the necessary folder and click **Save**. Veeam Explorer for Microsoft Teams will save files to an archive with the *archive.zip* name.
  - Right-click a necessary file and select **Save file > Save as files** or **Save file > Save as ZIP**.

## TIP

To select more than one file in the preview pane, press and hold the **[CTRL]** key and select the necessary files.



# Sending Posts and Files

You can use Veeam Explorer for Microsoft Teams to send posts and files published in a team channel to specified recipients through email. You can send all posts or files of a channel or send individual posts or files.

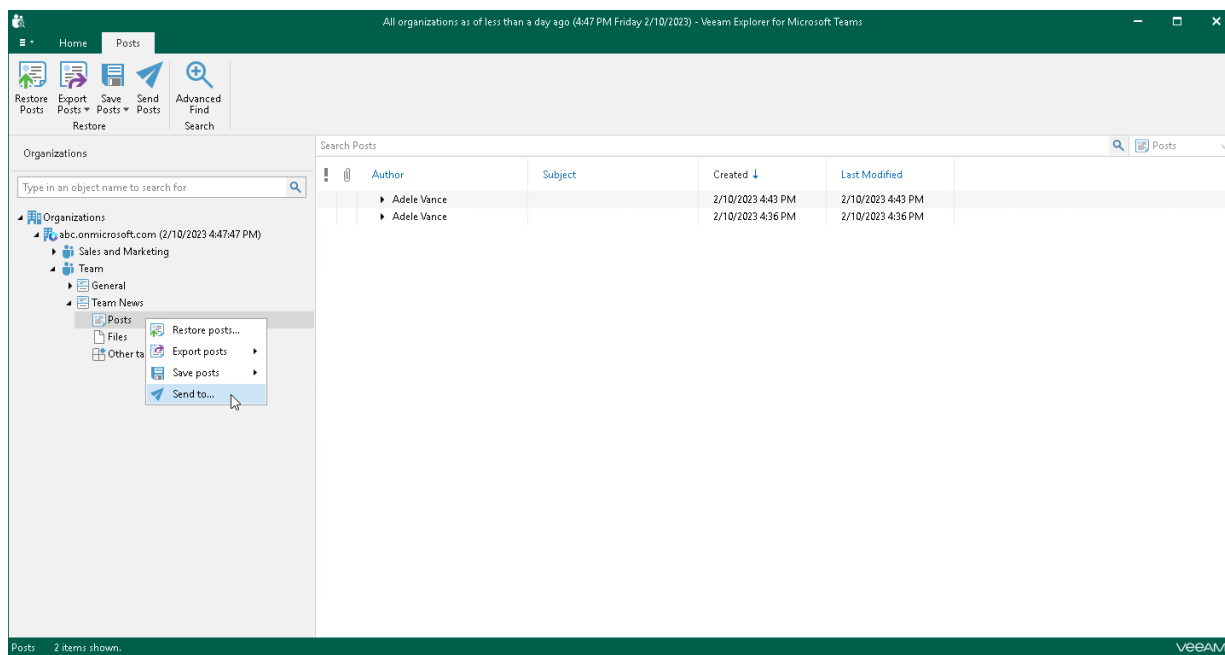
## TIP

Before sending documents, make sure to configure SMTP settings. The amount of data you can send at a time depends on your SMTP server configuration. For more information about configuring SMTP settings, see [SMTP Settings](#).

## Sending All Posts or Files of Channel

To send all posts or files of a team channel through email, do the following:

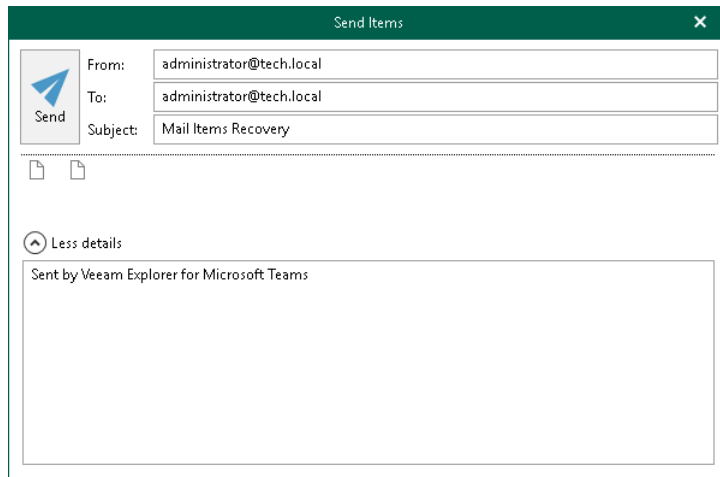
1. In the navigation pane, expand a channel whose posts or files you want to send and select **Posts** or **Files**.
2. Do one of the following:
  - On the **Posts/Files** tab, click **Send Posts/Send File** on the ribbon.
  - Right-click **Posts** or **Files** and select **Send to**.



3. In case the size of the message with files exceeds the size allowed by your SMTP server configuration, Veeam Explorer for Microsoft Teams will prompt whether you want to send files. In the notification window, click **Yes**.
4. In the **Send Items** window, provide a recipient address.

The **From** field is filled automatically based on the address you have provided when configuring SMTP settings.

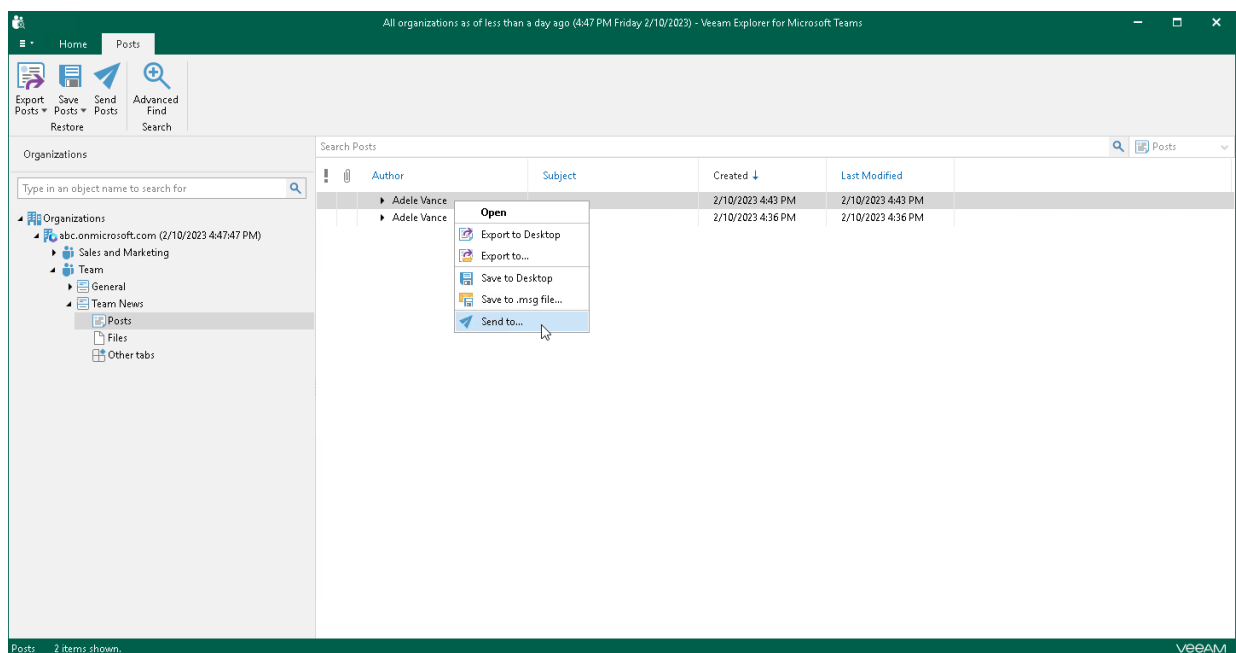
You can also edit the message subject and body. To edit the message body, click **More details**.



## Sending Individual Posts or Files

To send a specific post or file of a team channel through email, do the following:

1. In the navigation pane, expand a channel whose post or file you want to send and select **Posts** or **Files**.
2. In the preview pane, do one of the following:
  - Select a necessary post or file and on the **Posts/Files** tab, click **Send Posts/Send File** on the ribbon.
  - Right-click a necessary post or file and select **Send to**.



3. In the **Send Items** window, provide a recipient address.

The **From** field is filled automatically based on the address you have provided when configuring SMTP settings.

You can also edit the message subject and body. To edit the message body, click **More details**.

Send Items

Send

From:

administrator@tech.local

To:

administrator@tech.local

Subject:

Mail Items Recovery

Less details

Sent by Veeam Explorer for Microsoft Teams