# Veeam Backup for Microsoft 365

## What's new in V7?

Veeam Backup *for Microsoft 365* enables you to take control of your Microsoft 365 data with backup and recovery of Exchange, SharePoint, OneDrive for Business and Microsoft Teams. The following is a list of the major new features and enhancements introduced with Veeam Backup *for Microsoft 365* v7.

## Integration with Veeam ONE v12

Gain complete visibility and control over your Veeam Backup *for Microsoft 365* infrastructure via the new integration with Veeam ONE v12. Now you can proactively react and mitigate any potential threats to your environment with more than 10 alarms, monitor your Microsoft 365 backups health and performance using the new dashboards, and meet audit and compliance requirements with historical and SLA-based reporting. All monitoring and reporting capabilities are based on the public REST APIs that you can also use for other integrations with third-party solutions.

To enable Microsoft 365 monitoring in Veeam ONE v12, you will need a special Veeam Backup *for Microsoft 365* v7 license. And the good news is that in V7, we offer these licenses with powerful monitoring and reporting capabilities already included at no extra charge.

## Next level of integration with Veeam Service Provider Console (VSPC)

Veeam Backup *for Microsoft 365* v7 takes the integration with Veeam Service Provider Console (VSPC) v7 to the next level. For both service providers and their tenants, Microsoft 365 BaaS scenarios are now made easier with backup management, monitoring of protected data, SLA reporting and billing.

With this enhanced integration, tenants get a more secure way of registering their organizations without the need to share any credentials with their service providers and can access the Restore Portal for self-service restores in one click right from the Veeam Service Provider Console.

The integration with Veeam Service Provider Console v7 is fully based on the public REST APIs that you can also use for other integrations with third-party solutions.

## Immutable backup copies

Safeguard your Microsoft 365 backups from ransomware, malicious attempts and accidental deletion with immutable backup copies. Immutability is available for any object storage that features blobs versioning and Object Lock. Backups copied to an immutable repository become locked immediately and will remain unchanged for the entire duration of the retention policy set for this repository.

## Backup copies to ANY object storage

Version 7 extends storage support for copies of your Microsoft 365 backups by allowing to copy data from ANY object storage to ANY object storage. Now, you can store backup copies on your on-premises or cloud S3 Compatible systems, in Azure Blob hot or cold tier storage or Amazon S3 storage of Standard or Infrequent access. In combination with the ability to enable immutability on a repository with your backup copies, this extended storage support provides richer options for ransomware and malware protection.

## Self-service Restore Portal enhancements

V7 delivers several enhancements to the Self-service Restore Portal:

- **Point-in-time selection** allows both end users and restore operators to restore the data they need to a specific point in time — just like you do restores with Veeam Explorers.

- **Support for Microsoft Teams** allows restore operators to recover Microsoft Teams objects — from a single post or file up to an entire team — back to its original location.

- **SharePoint and OneDrive folders restore** extends recovery options via the Portal for both end users and restore operators by allowing to recover an entire folder with all its content.

- **OneDrive file versions restore** fills in the gap of granular restores of specific versions of a file for both end users and restore operators.

## Other new features and enhancements

### General

- **Search for jobs and job sessions in the Veeam Backup *for Microsoft 365* console** simplifies backups management for larger customers and service providers with dozens and hundreds of backup jobs and job sessions running on a regular basis. Now you can quickly find a job or a job session by its name or a keyword without the need to scroll in the console.

- **Search for objects in Veeam Explorers** reduces the time to restore for larger tenants with multiple backed up objects and allows to instantly navigate through the tree of objects and find the needed user or team by its name or a site by its name or URL.

- **OAuth 2.0 support for email notifications** extends the basic SMTP authentication option to secure authorization and access-token-based authentication for Google Gmail and Microsoft 365 through the modern OAuth 2.0 protocol.

- **Wasabi Cloud storage** as one of the most popular object storage options among Veeam users is now available via a dedicated UI for registering a Wasabi object storage repository.

- **Support for Amazon Glacier Instant Retrieval and Flexible Retrieval storage classes.** Featuring throughput and access latency similar to the S3 Standard and S3 Standard-IA storage classes, the Instant Retrieval and Flexible Retrieval archive storage classes are more expensive and are best suited for scenarios when you expect that you'll need to faster access your backup copies stored in Amazon Glacier repositories.

- **Customizable descriptions for organizations** managed by Veeam Backup *for Microsoft 365* provide additional ease of management for service providers protecting multiple tenants.

- **Instant view of exported logs** removes the headache of manual search for a folder containing logs saved by Veeam Backup *for Microsoft 365*. Now it's a 1-click operation directly from the Export Logs window.

- **Retention logs stored per-repository** simplify troubleshooting and deliver more control over the accuracy of applying retention to your backup data.

- **New license file format** is introduced to address monitoring via the integration with Veeam ONE v12 and consistency with other Veeam's solutions. Starting V7, Veeam Backup *for Microsoft 365* is available in two different packages — M365Suite and M365, which define if you can use Veeam ONE for monitoring your Veeam Backup *for Microsoft 365* infrastructure.

- **Support for restore and export of SharePoint Server Subscription Edition data.**

### REST APIs

- **Customizable path for a temporary folder** created on the Veeam Backup *for Microsoft 365* server during data export and restore performed using REST APIs allows to avoid potential risks of running out of space on the C drive of the host in case of massive exports and restores. To change the folder path, use the following PowerShell cmdlet: `Set-VBOServer -TempFolderPath "%path%"`.

- **Support for continuing the interrupted PST files download** when exporting a backed-up mailbox to a PST file via REST APIs eliminates the need to re-start the operation in case of any connectivity issues or failures during processing.

### PowerShell

- **Uninstall Veeam Backup *for Microsoft 365*** license using the `Uninstall-VBOLicense` PowerShell cmdlet in such cases as, for example, migrating the product to a different host.

### Performance enhancements

- **Up to 3.6x faster Exchange data restore from backup copies.**

- **Faster restore start times for larger restores of SharePoint sites with complex structures due to optimized requests.**

### Other improvements

- **Caching of organization's objects and backup restore points** to SQLite databases located at the `%ProgramData%\Veeam\Backup365` directory. By storing locally, the list of Microsoft 365 organizations' objects and created restore points, Veeam Backup *for Microsoft 365* reduces the number of connections to Microsoft 365 and the number of requests to its backup repositories required for integrations with Veeam ONE v12 and Veeam Service Provider Console v7. Cache databases are created per Veeam Backup *for Microsoft 365* server and its proxies and their content is synchronized every 24 hours.

- **UI changes:**

  - In the Backup Infrastructure view:

    - The Object Storage Repositories node is renamed to Object Storage;

    - Under the Backup Repositories node, filters by repository type are introduced for easier navigation to different types of backup repositories;

    - Under the Backup Repositories node, buttons on the ribbon are re-arranged for easier management of backup repositories.

  - In the New Backup Repository wizard, a new step is added to improve user experience when adding a repository for storing backups locally or to object storage.

  - Microsoft 365 organization icon updated according to the latest design changes by Microsoft.

- **Optimized time to synchronize events** between the Veeam Backup *for Microsoft 365* controller and its backup proxies – the synchronization period is increased from 1 second to 5 seconds. This change may impact 3rd party integrations.

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